

Engineering Drivers Top Choice
Engineering Systems Top Choice



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BOKE Drivers Co.,Ltd.(head office)

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Company profile

BOKE Drivers Co., Ltd., founded in 2010, is a comprehensive enterprise with own brand focusing on R&D, sales and production in the field of LED driver and intelligent lighting control system .

Over a decade of steady growth, BOKE has earned recognition as "National High-Tech Enterprise", "National Specialized, Sophisticated SME(Little Giant)" and so on, driven by our superior technologies and innovative spirit. We continuously pioneer advancements in LED driver and intelligent lighting control technologies. "The Preferred Choice for Professional Driver Solutions"as BOKE's core concept, we prioritize in R&D and get over 100 technical patents and develop key innovations including: "Flicker-Free&Two-Stage Technology", "Multi-lamp Dimming Consistency Technology", "DALI-2 Certified Driver Technology", "Ultra-High Efficiency Technology", "BOKE Cloud" and so on. In addition, BOKE has released cutting-edge application solutions like "Building/Rail Transit Smart Lighting Control Systems" and "DALI-2 Lighting Control Systems". Adhering to a long-term development philosophy, Boke is committed to creating unique value for worldwide customers and helping them achieve sustainable development.

BOKE stands at the forefront of innovation in smart office solutions, commercial and industrial lighting, rail transit lighting, eye-protective and healthy lighting solutions, and cutting-edge intelligent control systems. BOKE receives high recognition from customers in more than 100 countries and regions around the world, backed by R&D capabilities, rigorous validation processes, a high-standard supply chain, intelligent manufacturing, ISO 9001 certification, exceptional quality and advanced technologies.

Company culture

- Enterprise Vision

Blue Technology for Green

- Enterprise Philosophy

Engineering Drivers Top Choice
Engineering Systems Top Choice

- Enterprise Positioning

Best products、Perfect services、
Cost Control、Result oriented

- Enterprise Core values

Customer first | Innovation | Quality | Service

1.5 million USD
Registered
Capital

16 years
Development
history

80+
R&D
staff

100+
Independent
patents

40000m²
Production
base



High-tech
enterprises



Specialized and
innovative enterprise



Regular member of
DALI Alliance



CFG Member of
DALI Alliance



Member of
Zhaga Consortium



KNX Alliance



Member of China
SILA Alliance



UL&TUV
Certification laboratory



100+Patent
innovations



ISO 9001
Enterprise certification

Development History



Certificates of Honor



ISO 9001 certification



ISO 14001 certification



ISO 45001 certification



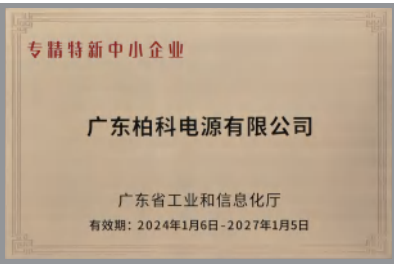
Member of China SILA Alliance



High-tech enterprises



Innovative SMEs



Specializing in new small and medium-sized enterprises



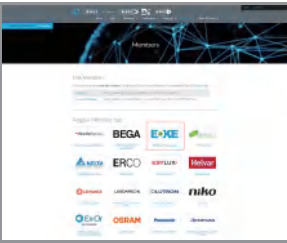
TUV Certification laboratory



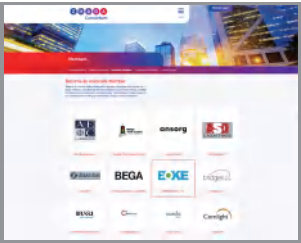
UL Certification laboratory



Member of KNX Consortium



Regular member of DALI Alliance



Member of Zhaga Consortium



Invention patents



Design patents

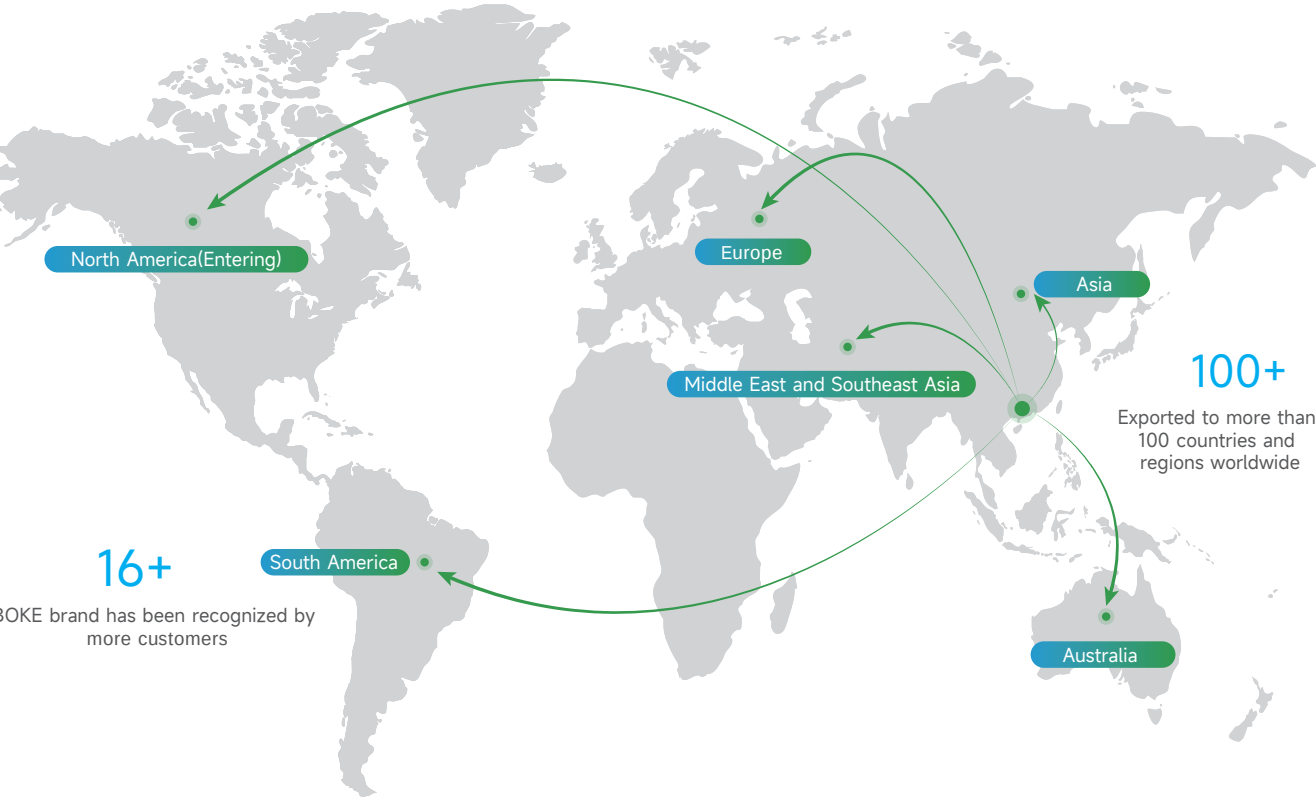


Utility model patents

- ▶ Regular member of DALI Alliance
- ▶ Member of Zhaga Consortium
- ▶ Member of KNX Consortium
- ▶ TUV Certification laboratory
- ▶ UL Certification laboratory
- ▶ ISO 9001 certification/ ISO 14001 certification/ ISO 45001 certification
- ▶ Member of China SILA Alliance

- High-tech enterprises ▶
- Innovative SMEs ▶
- Specializing in new small and medium-sized enterprises ▶
- Invention patents ▶
- Design patents ▶
- Utility model patents ▶

Market Distribution



Headquarters
Address:No. 51, Xihuan 5th Road, South District, Zhongshan City, Guangdong, China

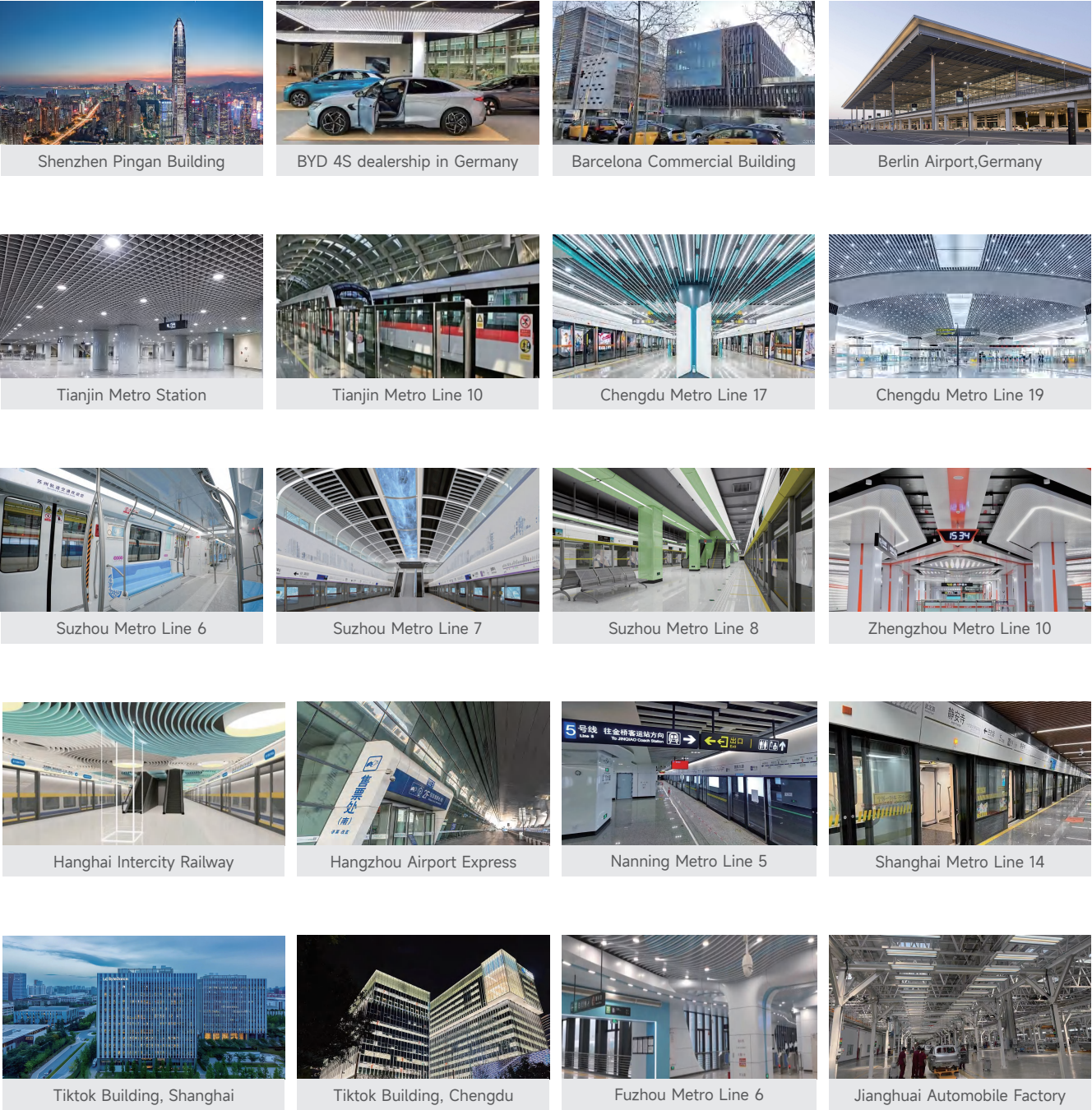
Sales Department (East of China)
Jiaxing City, Zhejiang Province, China

Sales Department (South of China)
Shenzhen City, Guangdong Province, China

Boke Europe GmbH
Gimmersdorfer Str. 76, 53343 Wachtberg, Germany



Application Cases



Laborator Centers

Boke has an expernced Reserch and development team, verification system and experimental center to ensure the reliability of products during the design phase.

The Center laboratory has TUV Eyewitness Laboratory qualification and meets the standards and requirements of certification testing. Under the central laboratory, there are materials laboratory, performance laboratory, safety laboratory, EMC laboratory, DALI laboratory, waterproof laboratory, environmental protection laboratory, temperature rise laboratory, environmental testing laboratory, optical laboratory, salt spray laboratory, mechanical stress laboratory and life laboratory.



1 Temperature rise laboratory 2 Stroboscopic Laboratory 3 Safety laboratory 4 DALI laboratory 5 Salt spray laboratory

Production center

BOKE also has a modern production center and production management system to ensure the reliability of the production stage. The production center is equipped with SMT workshop, AI plug-in workshop, material processing workshop, DIP workshop, automatic glue filling workshop, automatic aging workshop, assembly workshop, etc. All workshops are dust-free and clean.

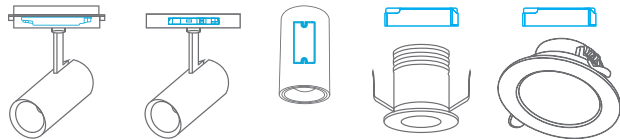
All products are 100%, include aging, tested. All products are fully automatic tested by our self-developed testing equipments.



1 Production center 2 SMT and AI plug-in workshop 3 Wave soldering equipment 4 Automatic glue filling line 5 Intelligent aging workshop



Commercial Lighting Drivers



DALI-2DT8NEW

Efficiency up to 93%

Energy Data Part 251-253

EMC Passed

DDWT (S) Series

24W

Width 8mm

DC In-Track

P112

DALI-2 | DIP switch (10/16 levels) | EMC passed | Noise-free | Dimming range 1-100% | High efficiency

DALI-2DT8

Efficiency up to 90.5%

Energy Data Part 251-253

CCT

NFC

DSL (S) Series

42W

AC In-Track

P111

DALI-2+pushDIM+pushCCT | DALI & NFC programming | EnergyData (part 251-253) | High efficiency | DIP switch (16 levels) | Optional black/white/gray | Dimming range 0.1-100%

DALI-2DT8

Efficiency up to 90%

Energy Data Part 251-253

CCT

NFC

DWL (S) Series

10W

P92

DALI-2+pushDIM+pushCCT | DALI & NFC programming | EnergyData (part 251-253) | DIP switch (16 levels) | Screw-free design | Slim design | Dimming range 0.1-100% | High efficiency

DALI-2DT6

Efficiency up to 93.5%

EMC Passed

DET Series

12/30W

DC In-Track

P118

DALI-2 | DIP switch (10/16 levels) | EMC passed | Noise-free | Antimagnetic | Dimming range 0.1-100% | High efficiency

DALI-2DT8

CCT

EMC Passed

DWT Series

12/30W

DC In-Track

P119

DALI-2 | DIP DIP switch (10/16 levels) | EMC passed | Noise-free | Antimagnetic | Dimming range 0.1-100%

DALI-2DT8

Energy Data Part 251-253

CCT

NFC

DWL (E) Series

22/40W

P91

DALI-2+pushDIM+pushCCT | DALI & NFC programming | EnergyData (part 251-253) | DIP switch (10 levels) | Screw-free design | Dimming range 1-100%

DALI-2DT6NEW

Energy Data Part 251-253

NFC

DRL (S) Series

10/15W

φ48mm

P103

DALI-2+pushDIM | DALI & NFC programming | EnergyData (part 251-253) | Dimming range 0.1-100%

DALI-2DT6

Efficiency up to 92%

EMC Passed

DDET (S) Series

24W

Width 8mm

DC In-Track

P113

DALI-2 | DIP switch (16 levels) | EMC passed | Noise-free | Antimagnetic | Dimming range 0.1-100% | High efficiency

DALI-2DT6

Efficiency up to 90.5%

Energy Data Part 251-253

NFC

DTL (S) Series

42W

AC In-Track

P110

DALI-2+pushDIM | DALI & NFC programming | EnergyData (part 251-253) | DIP switch (16 levels) | Optional black/white/gray | Dimming range 0.1-100% | High efficiency

DALI-2DT6

Energy Data Part 251-253

DEL Series

10/22/28/30/40/42/60W

P87

DALI-2+pushDIM | DIP switch (10/16 levels) | Screw-free design | Dimming range 1-100%

Triac

R.C.

TCL (E) Series

10/15/20/30/40W

P73

Triac | DIP switch (4 levels) | Slim design | Screw-free design | Dimming range 5-100%

1-10V

Efficiency up to 93.5%

EMC Passed

MET Series

30W

DC In-Track

P117

1-10V/PWM/Rx | DIP switch (16 levels) | EMC passed | Noise-free | Antimagnetic | Dimming range 0.1-100% | High efficiency

ON/OFF

Efficiency up to 92%

EMC Passed

DBET (S) Series

30W

Width 8mm

DC In-Track

P114

DIP switch (16 levels) | EMC passed | Noise-free | Antimagnetic | Optional with terminal blocks

DALI-2DT6

Efficiency up to 90.5%

Energy Data Part 251-253

NFC

DQL (S) Series

30/42W

P90/105

DALI-2+pushDIM | DALI & NFC programming | EnergyData (part 251-253) | DIP switch (16 levels) | Optional junction box | Optional independent/built-in | Dimming range 0.1-100% | High efficiency

DALI-2DT6

Energy Data Part 251-253

NFC

DCL (S) Series

10/15/22W

P71

DALI-2+pushDIM | DALI & NFC programming | EnergyData (part 251-253) | Slim design | Screw-free design | Dimming range 0.1-100%

1-10V

NFC

MCL (S) Series

15W

P72

1-10V/PWM/Rx | NFC programming | Slim design | Screw-free design | Dimming range 0.1-100%

1-10V

EMC Passed

MUL Series

10/22W

P83

1-10V/PWM/Rx | DIP switch (10 levels) | Screw-free design | Dimming range 1-100%

ON/OFF

Efficiency up to 92%

EMC Passed

BET-A Series

30W

DC In-Track

P115

DIP switch (8 levels) | EMC passed | Noise-free | Antimagnetic | High efficiency

ON/OFF



Efficiency up to **92%**



BET-B Series
30W

P116

DC In-Track

DIP switch (8 levels) | EMC passed | Noise-free | Antimagnetic | High efficiency

ON/OFF



Efficiency up to **91.5%**



PTL (S) Series
30/42W

P108

AC In-Track

DIP switch (12/16 levels) | High efficiency | Optional black/white/gray | Optional specifications M10*8 or M10*12

ON/OFF



PBL (E) Series
10/13/22W

P78

DIP switch (7/11 levels) | Screw-free design | Slim design | Mains surge capability 2KV | Optional junction box

ON/OFF



Efficiency up to **91.5%**



BQL (S) Series
42W

P81/104

DIP switch (16 levels) | Screw-free design | Optional NFC programming | Optional independent/built-in | High efficiency

CASAMBI Wireless dimmable driver **NEW**





WSL (S) Series
42W

P107

AC In-Track

Casambi ready | Optional black/white/gray | NFC programming | High efficiency | Dimming range 0.1-100%

ON/OFF



BEL Series
9/13/18/22/
40/42/50/60W

P76

Dual-stage circuit design | Screw-free design | Compact appearance

ON/OFF



Efficiency up to **91%**



CTL (S) Series
42W

P109

AC In-Track

CCT switch | DIP switch (16 levels) | High efficiency | Optional specifications M10*8 or M10*12 | Optional black/white/gray

ON/OFF



Efficiency up to **93.5%**



PBL(S) Series
13W

P79

DIP switch (5/6/7/11/13 levels) | Two-Stage And Isolation | Dual Input Terminal Design | Screw-Free Design | Slim design | Compact Appearance

CASAMBI Wireless dimmable driver **NEW**





WTL (S) Series
42W

P106

AC In-Track

Casambi ready | Optional black/white/gray | NFC programming | DIP switch (16 levels) | Dimming range 0.1-100%



DALI-2 DT6+D4i



Efficiency up to **93.5%**



DYN (S) Series
40/80W

P38

Non isolated

DALI-2+D4i | DALI & NFC programming | EnergyData (part 251-253) | DIP switch (15/16 levels) | Dimming range 1-100%

DALI-2 DT6



Efficiency up to **93.5%**



DBN (S) Series
40/80W

P40

16mm Ultra thin
Non isolated

DALI-2+pushDIM | DALI & NFC programming | EnergyData (part 251-253) | DIP switch (15 levels) | 16mm Ultra-thin | Dimming range 1-100%

0-10V+12V



Efficiency up to **90.5%**



PYN (S) Series
22/42/60/80W

P37

Non isolated

0-10V/PWM/Rx | 12V Auxiliary power | DIP switch (4/8 levels) | Dimming range 1-100% | External modules available | Optional independent/built-in

ON/OFF



Efficiency up to **90.5%**



BEN (A) Series
22/40/60/80/
100/150W

P32

Non isolated

DIP switch (4/8/10 levels) | Dual-stage circuit design

DALI-2 DT6



Efficiency up to **93.5%**



DAN (E) Series
25/40/60/80/
100/150W

P39

Non isolated

DALI-2+pushDIM | DALI & NFC programming | EnergyData (part 251-253) | DIP switch (13/15/16 levels) | Dimming range 1-100%

PWM+12V



Efficiency up to **90.5%**



PYN-B Series
22/42/60W

P36

Non isolated

3.3V/5V/10V PWM/Rx | 12V Auxiliary power | DIP switch (4/8 levels) | Dimming range 3-100% | External modules available

1-10V



Efficiency up to **90.5%**



MAN Series
40/75/100/150W

P35

Non isolated

1-10V/PWM/Rx | DIP switch (10 levels) | Dimming range 1-100% | Support dimmer control

ON/OFF



Efficiency up to **90.5%**



BEN (E) Series
22/40/60/80W

P33

Non isolated

CCT switch | DIP switch (4/8 levels) | Dual-stage circuit design

ON/OFF NEW



Efficiency up to 94% CCT

BEN(S) Series

22/40/60/80W

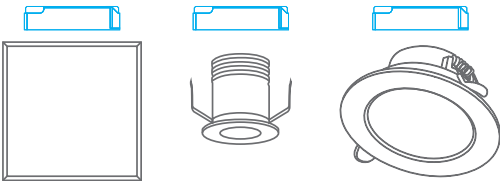
P34

Non isolated

Slide Switch To Switch Three Color Temperatures | DIP switch (4/8 Levels)
| Dual-Stage Circuit Design | Ultra-High Efficiency



Office Lighting Drivers (Independent)



CASAMBI Wireless dimmable driver NEW



WQL (S) Series

42W

P99/102

Casambi ready | NFC programming | DIP switch (16 levels) | EnergyData | Dimming range 0.1-100%

CASAMBI Dimming module



CAPS01

P97

Casambi ready | 12-24V Input | 10V PWM (1-10V Output) | Supports quick construction of Casambi networks with up to 250 devices

DALI-2 DT8

Energy Data CCT



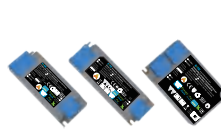
DWL (E) Series

22/40W

P91

DALI-2+pushDIM+pushCCT | DALI & NFC programming | EnergyData (part 251-253) | DIP switch (10 levels) | Screw-free design | Dimming range 1-100% | Common anode output

CASAMBI Wireless dimmable driver



WAL (S) Series

22/40/60W

P98

Casambi ready | NFC programming | EnergyData (part 251-253) | DIP switch (16 levels) | Dimming range 1-100%

DALI-2 DT8+D4i NEW



DLL (S) Series

40W

P70

DALI-2+D4i | DALI & NFC programming | EnergyData (part 251-253) | DIP switch (16 levels) | Dual Input Terminal Design | Screw-free design | Dimming range 1-100%

DALI-2 DT8

Efficiency up to 90% Energy Data CCT



DWL (S) Series

10/30/40/60W

P92

DALI-2+pushDIM+pushCCT | DALI & NFC programming | EnergyData (part 251-253) | DIP switch (8/16 levels) | Screw-free design | Dimming range 0.1-100% | High efficiency

DALI-2 DT8



Energy Data CCT

DVL(S) Series

40W

P93

DALI-2+pushDIM+pushCCT | DALI & NFC programming | EnergyData (part 251-253) | DIP switch (16 levels) | Dual input terminal design | Screw-free design | Dimming range 0.1-100%

DALI-2 DT6

Energy Data



DKL Series

10/15/22/40/60W

P86

DALI-2+pushDIM | DALI & NFC programming | DIP switch (10 levels) | Screw-free design | Dimming range 1-100%

DALI-2 DT6

Energy Data



DDL (E) Series

40W

P88

DALI-2+pushDIM | DALI & NFC programming | EnergyData (part 251-253) | Dual input terminal design | Screw-free design | Dimming range 1-100%

DALI-2 DT6

Energy Data



DUL Series

10/22/28/30/40/42/60W

P85

DALI-2+push DIM | 1-10V/PWM/Rx | DALI & NFC programming | Energy Data (part 251-253) | DIP switch (10/16 levels) | Screw-free design | Dimming range 1-100%

DALI-2 DT6



DEL Series

10/22/28/30/40/42/60W

P87

DALI-2+push DIM | DIP switch (10/16 levels) | Screw-free design | Dimming range 1-100%

1-10V



KUL Series

30/40/50/60W

P83

1-10V/PWM/Rx | DIP switch (10 levels) | Dual input terminal design | Screw-free design | Dimming range 5-100%

DALI-2 DT6+D4i NEW



Energy Data

DFL(S) Series

40W

P94

DALI-2+D4i | EnergyData (Part 251-253) | DALI & NFC programming | Dual input terminal design | DIP switch (16 levels) | Screw-free design | Dimming range 0.1-100%

DALI-2 DT6

Efficiency up to 90% Energy Data



DPL (S) Series

36W

P71

DALI-2+push DIM | DALI & NFC programming | Energy Data (part 251-253) | DIP switch (16 levels) | Optional independent/built-in | Dimming range 0.1-100%

DALI-2 DT6

Energy Data



DDL (S) Series

42W

P89

DALI-2+push DIM | DALI & NFC programming | Energy Data (part 251-253) | Dual input terminal design | DIP switch (16 levels) | Screw-free design | Dimming range 0.1-100%

DALI-2 DT6

Efficiency up to 90.5% Energy Data



DQL (S) Series

30/42W

P90/105

DALI-2+push DIM | 1-10V/PWM/Rx | DALI & NFC programming | Energy Data (part 251-253) | DIP switch (10/16 levels) | Optional independent/built-in | Screw-free design | Dimming range 0.1-100% | High efficiency

1-10V+12V



WAL (E) Series

22/40/60W

P82

非隔离
XDIMT | 12V Auxiliary power | DIP switch (10 levels) | Screw-free design | Dimming range 1-100% | External modules available

1-10V



MUL Series

10/22W

P84

1-10V/PWM/Rx | DIP switch (10 levels) | Screw-free design | Dimming range 1-100%

ON/OFF

BPL (S) Series

36/40W

P75

Optional NFC programming | DIP switch (16 levels) | Optional independent/built-in | Mains surge capability 2KV

ON/OFF

BEL Series

9/13/18/22/40/42/50/60W

P76

Dual-stage circuit design | Screw-free design | Compact appearance

ON/OFF

PBL (E) Series

22/40W

P78

DIP switch (7/11 levels) | Two-stage and isolation | Dual input terminal design | Screw-free design | Compact appearance

ON/OFF

PSL (L) Series

12/22/42W

P80

Two-stage and isolation | DIP switch (3/5/13 levels) | Dual input terminal design | High efficiency | Screw-free design

ON/OFF

BQL (S) Series

42W

P81/104

Optional NFC programming | DIP switch (16 levels) | Screw-free design | Optional junction box | Optional independent/built-in | High efficiency

ON/OFF

BSL Series

22/42W

P77

Ultra-high environmental adaptability | Dual-stage circuit design | Screw-free design | Ultra-high efficiency | Compact appearance

ON/OFF

PBL (S) Series

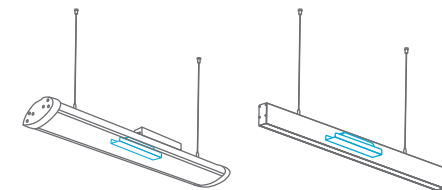
40/60W

P79

DIP switch (7/13 levels) | Two-stage and isolation | Dual input terminal design | Screw-free design | Optional junction box | Ultra-high efficiency | Compact appearance



Office Lighting Drivers (Linear)



DALI-2 DT8+D4i

DJI (S) Series

40/80W

P44

DALI-2+D4i | DALI & NFC programming | EnergyData (part 251-253) | Common anode output | Dimming range 0.1-100%

DALI-2 DT8

DGL (E) Series

40W

P52

DALI-2+push DIM+push CCT | DALI & NFC programming | EnergyData (part 251-253) | DIP switch (16 levels) | Common anode output | Dimming range 1-100%

DALI-2 DT8

DGL (S) Series

40/50/60/80W

P53

DALI-2+pushDIM+pushCCT | DALI & NFC programming | EnergyData (part 251-253) | DIP switch (16 levels) | Common anode output | Dimming range 0.1-100%

DALI-2 DT6+D4i

DYL (S) Series

40/80W

P43

DALI-2+D4i | DALI & NFC programming | EnergyData (part 251-253) | Dimming range 0.1-100%

DALI-2 DT6

DBL (E) Series

40/50/60/80W

P50

DALI-2+pushDIM | DALI & NFC programming | EnergyData (part 251-253) | DIP switch (16 levels) | Dimming range 1-100%

DALI-2 DT6

DBL (S) Series

40/50/60/80W

P51

DALI-2+pushDIM | DALI & NFC programming | EnergyData (part 251-253) | DIP switch (16 levels) | Dimming range 0.1-100% | High efficiency

DALI-2 DT6

DAL Series

30/40/50/60/80W

P49

DALI-2+pushDIM | DIP switch (16 levels) | Dimming range 1-100%

1-10V+12V

EML Series

60/80W

P48

0.04%
1-10V/PWM/Rx | 12V Auxiliary power | DIP switch (10 levels) | Flicker-free | Noise-free | Dimming range 1-100%

1-10V+12V



CJL Series

30/40/50/60/80W

P47

1-10V/PWM/Rx | 12V Auxiliary power | DIP switch (10 levels) | Dimming range 1-100%

ON/OFF

NEW



Efficiency up to
90%

SKL (E) Series

30/40/50W

P41

Slide Switch To Switch Three Color Temperatures | DIP switch (8 Levels) | Dual-Stage Circuit Design | High efficiency

ON/OFF



SWL Series

22/40/60W

P45

Dual-stage circuit design | Internal (External) DIP switch | DIP switch (5 levels)

1-10V



KHL Series

30/40/50/60/80W

P46

1-10V/PWM/Rx | DIP switch (10 levels) | Dimming range 5-100%

ON/OFF

NEW



Efficiency up to
93%

SKL (S) Series

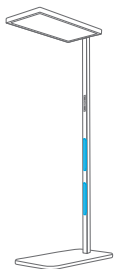
30/40/50/60/80W

P42

Slide Switch To Switch Three Color Temperatures | DIP switch (8 Levels) | Dual-Stage Circuit Design | High efficiency



Health Eye-Care Lighting Drivers



1-10V+12V



EML Series

60/80W

P48

1-10V/PWM/Rx | 12V Auxiliary power | Support dual drivers series connection | Dimming range 1-100%

ON/OFF



Efficiency up to
93%

LGV Series

36/60/72/96/
100/120/150/200W

P96

Optional DC 24/48V CV output | Adapter Appearance | High efficiency

ON/OFF AC: 200-240V



PGV Series

20/24/30/36/48/60/
72/100/150W

P95

Optional DC 12/24/48V CV output | Two-stage and isolation | Ultra-thin housing

ON/OFF



Efficiency up to
93%

HGV (E) Series

100/150/200W

P58

Optional DC 24/48V CV output | High efficiency | Flicker-free

ON/OFF



HGV (B) Series

80/100/120/150/
200/250W

P59

Optional DC 24/48V CV output | High efficiency | Flicker-free

ON/OFF AC: 100-277V



AGV Series

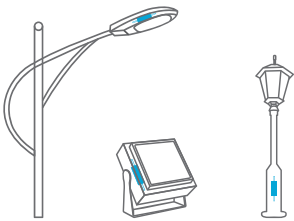
40/100/120/150/200W

P61

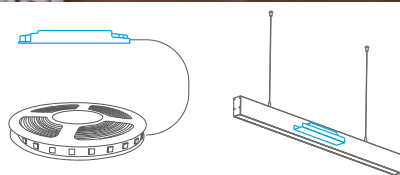
Optional DC 24/48V CV output | 100-277 Input voltages



Rail-transit Lighting Control System



CV Lighting Drivers



DALI-2 DT6



DML Series
22/40/60/80/150W

P125

IP65 | DALI & NFC programming | Aluminum alloy housing design | Dimming range 1-100%

1-10V



MML Series
22/40W

P124

1-10V/PWM/Rx | 1-10V (DIM) programming | Aluminum alloy housing design | Dimming range (1-4)-100%

DALI-2 DT8



DDV (S) Series
80/100/150/200/240W

P54

DALI-2+pushDIM+pushCCT | DALI& NFC programming | EnergyData (part 251-253) | Dimming range 0.1-100% | High efficiency | Flicker-free

DALI-2 DT8



DWV Series
100/150W

P65

DALI-2+pushDIM+pushCCT | 2 Channels of CV output | Ultra-high efficiency | Dimming range 1-100% | Flicker-free

ON/OFF



PPL Series
18/22/40/42/50/60W

P122

IP65 | Withstand 380VAC high voltage short-time shock | Mains surge capability 2KV

ON/OFF



PHL Series
22/40/60W

P123

IP65 | Aluminum alloy housing design

DALI-2 DT8



DCV Series
80/150/200W

P66

DALI-2+pushDIM+push CCT | 2 Channels of CV output | Dimming range 1-100% | High efficiency | Flicker-free

DALI-2 DT6+12V



DGV Series
36/60/100/150W

P66

DALI-2+pushDIM | 1-10V/PWM/Rx | 12V Auxiliary power | Optional DC 24/48V CV output | Dimming range 1-100% | High efficiency | Flicker-free

DC Dimming



RDL(H) Series
80W

P130

IR Programming | DC Carrier dimming | DIP switch (10 levels) | Aluminum alloy housing design | Dimming range 1-100%

DC Dimming



RDL (M) Series
22/40/150W

P132

IP65 | IR Programming | DC carrier dimming | Aluminum alloy housing design | Dimming range 1-100%

DALI-2 DT6+12V



DGV (S) Series
36/60/120W

P57

DALI-2+pushDIM | 1-10V/PWM/Rx | 12V Auxiliary power | 12V CV Output | 100-277 input voltages | Dimming range 1-100% | High efficiency | Flicker-free

DALI-2 DT6+12V



DEV Series
80/150/200W

P64

DALI-2+pushDIM | 11-10V/PWM/Rx | 2V Auxiliary power | Optional DC 24/48V CV Output | Dimming range 1-100% | High efficiency | Flicker-free

DC Dimming



RDL (P) Series
22/40W

P131

IR Programming | DC Carrier dimming | DIP switch (10 levels) | Screw-free design | Dimming range 1-100% | High efficiency

DC Dimming



RDV Series
200W

P133

IR Programming | DC Carrier dimming | Dimming range 1-100% | Ultra-high efficiency

DALI-2 DT6



DBV (S) Series
80/100/150/200/240W

P55

DALI-2+pushDIM | DALI & NFC programming | Energy Data (part 251-253) | Dimming range 0.1-100% | High efficiency | Flicker-free

DALI-2 DT6



DMV Series
60/100/150/250/340W

P127

DALI-2+pushDIM | IP67 | Aluminum alloy housing design | Dimming range 0.1-100% | High efficiency | Flicker-free

1-10V+12V



MGV Series

36/60/100/150W

P62

1-10V/PWM/Rx | 12V auxiliary power | Dimming range 1-100% | High efficiency | Flicker-free

ON/OFF



HGV (E) Series

100/150/200W

P58

Optional DC 24/48V CV output | High efficiency | Flicker-free

ON/OFF



HEV Series

80/150/200W

P60

Optional DC 24/48V CV output | High efficiency | Flicker-free

ON/OFF



PGV Series

20/24/30/36/48/
60/72/100/150W

P95

Two-stage and isolation | Optional DC 12/24/48V CV output | Ultra-thin housing | High efficiency | Flicker-free

1-10V+12V



MEV Series

80/150/200W

P63

1-10V/PWM/Rx | 12V Auxiliary power | Optional DC 24/48V CV output | Dimming range 1-100% | High efficiency | Flicker-free

ON/OFF



HGV(B) Series

80/100/120/150/
200/250W

P59

Optional DC 24/48V CV output | High efficiency | Flicker-free

ON/OFF



Efficiency up to
93%

HML Series

150/240/320/450W

P126

IP65/IP67 | Aluminum alloy housing design | High efficiency | Flicker-free

Contents 1 (By installation method)

Linear drivers

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BEN (E) Series (DIP switch/CCT switch)	P33
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NEW PYN-C Series (0-10V/PWM/12V)	P36
PYN (S) Series (0-10V/PWM/12V)	P37
DYN (S) Series (DALI-2 DT6/D4i/NFC/EnergyData)	P38
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DGL (E) Series (DALI-2 DT8/pushDIM/CCT switch/NFC/EnergyData)	P52
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DDV (S) Series (DALI-2 DT8/pushDIM/CCT switch/NFC/EnergyData)	P54
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DEV Series (DALI-2 DT6/pushDIM/1-10V/PWM/Rx/12V)	P64
DWV Series (DALI-2 DT8/pushDIM/CCT switch)	P65
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Independent drivers

Independent driver specification sheet P68

CC Isolated

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TCL (E) Series (Triac DIM/DIP switch/Slim design)	P74
BPL (S) Series (DIP switch/NFC)	P75
BEL Series	P76
BSL Series	P77

PBL (E) Series (DIP switch)	P78
PBL (S) Series (DIP switch)	P79
PSL (L) Series (DIP switch)	P80
BQL (S) Series (DIP switch)	P81
WAL (E) Series (1-10V/PWM/Rx/12V)	P82
KUL Series (1-10V/PWM/Rx)	P83
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CC Built-in

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pushDIM drivers

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CC Built-in

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CV Waterproof
DMV Series (DALI DT6/pushDIM/IP67/Aluminum alloy housing design) P127

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WAL (E) Series (1-10V/PWM/Rx/12V).....P82
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SWL Series (DIP switch).....P45

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BSL Series.....P77
PBL (E) Series(DIP switch).....P78
PBL (S) Series(DIP switch).....P79
PSL (L) Series(DIP switch).....P80
BQL (S) Series(DIP switch).....P81

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DBET (S) Series (Dial code adjustment/EMC)P114
BET-A Series (DIP switch/EMC))P115
BET-B Series (DIP switch/EMC))P116

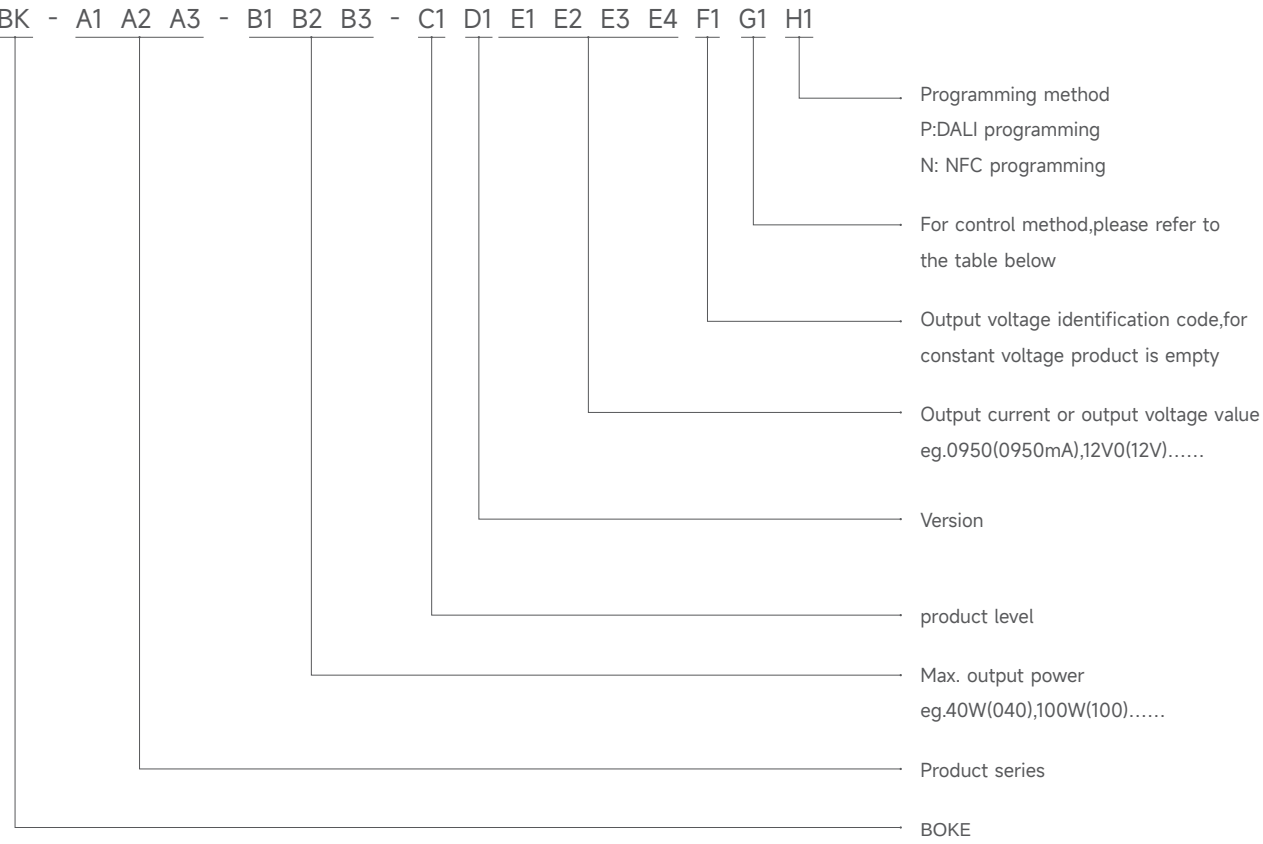
CC Waterproof
PPL Series (IP65).....P122
PHL Series (IP65/Aluminum alloy housing design).....P123

CV isolated
PGV Series (Ultra-thin housing).....P95
LGV Series (Adapter Appearance).....P96

CV Linear
HGV (E) Series.....P58
HGV (B) Series.....P59
HEV Series.....P60
AGV Series.....P61

CV Waterproof
HML Series (IP67/Aluminum alloy housing design).....P126

Model coding rule of driver



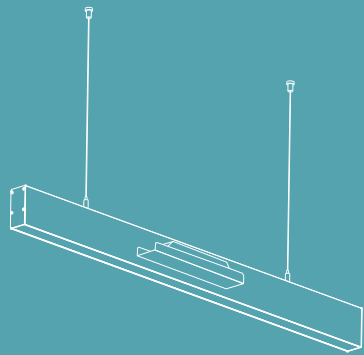
Control method coding

Coding	Control by	Coding	Control by
Blank	Not support	Blank	Not support
WC	Casambi	WS	Silvair
D	DALI+other	d	DALI only
M	0/1-10V/+other	m	0/1-10V only
P	pushDIM/+other	p	pushDIM only
S	AC switch+other	s	Ac switch only
T	TRiac+other	t	TRIAC only



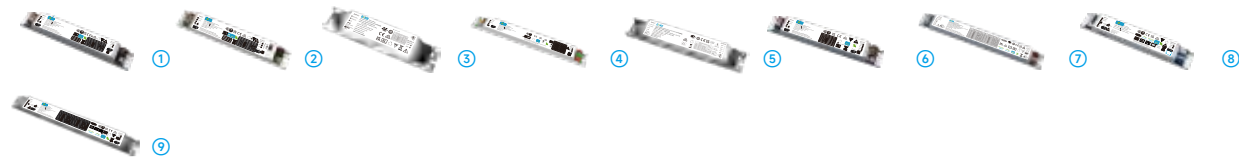
Linear driver series

- Suitable for linear lights, tri-proof lights, working lights and other linear or ultra-thin lights.
- Support DALI-2/push DIM/1-10V IoT (XDIM) interface and other dimming methods.
- 9W-200W DT6 (DIM) and DT8 (CCT) optional.



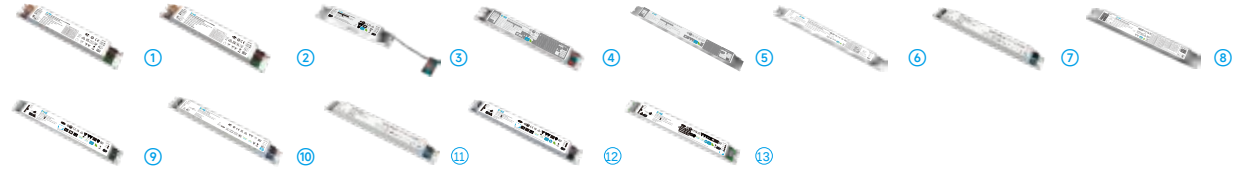
Series specifications

CC Non-isolated



CC series	Picture	Dimmable	Features	Power (W)	Page
BEN (A)	1	ON/OFF	DIP switch	22-150	32
BEN (E)	2	ON/OFF	Dimming depth 1%, CCT switch	22-80	33
BEN (S)	3	ON/OFF	DIP switch、CCT switch	22-80	34
MAN	4	1-10V/PWM/Rx	Internal/external DIP switch is optional、Dimming depth 1%	40-150	35
PYN-C	5	1-10V/PWM/12V	DIP switch、Dimming depth 3%、12V auxiliary power	22-60	36
PYN (S)	6	0-10V/PWM/12V	Internal/external DIP switch is optional、Dimming depth 1%、12V auxiliary power	22-80	37
DYN (S)	7	DALI-2 DT6+D4i	DIP switch、DALI & NFC programmable、Dimming depth 1%、EnergyData	40-80	38
DAN (E)	8	DALI-2 DT6/pushDIM	DIP switch、DDimming depth 1%、DALI & NFC programmable、EnergyData	25-150	39
DBN (S)	9	DALI-2 DT6/pushDIM	16mm、DIP switch、Dimming depth 1%、DALI & NFC programmable、EnergyData	40-80	40

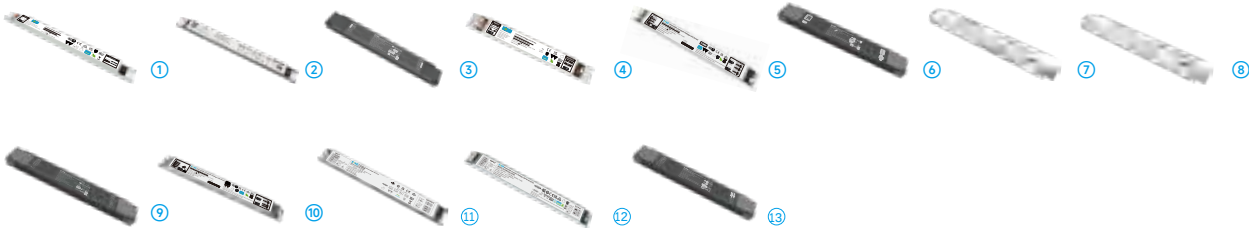
CC Isolation



CC series	Picture	Dimmable	Features	Power (W)	Page
SKL (E)	1	ON/OFF	DIP switch	30-50	41
SKL (S)	2	ON/OFF	DIP switch	30-60	42
SWL	3	ON/OFF	Internal/external DIP switch is optional	22-60	45
KHL	4	1-10V/PWM/Rx	Dimming depth 5%、DIP switch	30-80	46
CJL	5	1-10V/PWM/Rx/12V	DIP switch、Dimming depth 1%、12V auxiliary power	30-80	47
EML	6	1-10V/PWM/Rx/12V	DIP switch、Dimming depth 1%、12V auxiliary power	60-80	48
DYL (S)	7	DALI-2 DT6+D4i	DALI & NFC programmable、Dimming depth 0.1%、EnergyData	40-80	43
DAL	8	DALI-2 DT6/push DIM	DIP switch、Dimming depth 1%	30-80	49
DBL (E)	9	DALI-2 DT6/push DIM	DALI & NFC programmable、Dimming depth 1%、EnergyData	40-80	50
DBL (S)	10	DALI-2 DT6/push DIM	DIP switch、DALI & NFC programmable、Dimming depth 0.1%、EnergyData	40-80	51
DJL (S)	11	DALI-2 DT8+D4i	DALI & NFC programmable、Dimming depth 0.1%、EnergyData	40-80	44
DGL (E)	12	DALI-2 DT8/push DIM/push CCT	DALI & NFC programmable、Dimming depth 1%、EnergyData	40	52
DGL (S)	13	DALI-2 DT8/push DIM/push CCT	DIP switch、DALI & NFC programmable、Dimming depth 0.1%、EnergyData	40-80	53



CV Isolation



CV series	Picture	Dimmable	Features	Power (W)	Page
HGV (E)	1	ON/OFF	Built-in	100-150	58
HGV (B)	2	ON/OFF	Built-in	80-250	59
HEV	3	ON/OFF	Independent	80-200	60
AGV	4	ON/OFF	Independent	40-120	61
MGV	5	1-10V/PWM/Rx/12V	Dimming depth 1%、12V auxiliary power、Independent	36-150	62
MEV	6	1-10V/PWM/Rx/12V	Dimming depth 1%、112V auxiliary power、Built-in	80-200	63
DDV (S)	7	DALI-2 DT8/pushDIM/pushCCT	DALI & NFC programmable、Dimming depth 0.1%	80-240	54
DBV (S)	8	DALI-2 DT6/pushDIM	DALI & NFC programmable、Dimming depth 0.1%	80-240	55
DEV	9	DALI-2 DT6/pushDIM/1-10V/PWM/Rx/12V	12V auxiliary power、Dimming depth 0.1%、Built-in	80-200	64
DGV	10	DALI-2 DT6/pushDIM/1-10V/PWM/Rx/12V	Optional 24/48VCV output、Dimming depth 1%	36-150	56
DGV (S)	11	DALI-2 DT6/pushDIM/1-10V/PWM/Rx/12V	110-277 Input Voltages、Dimming depth 1%	36-120	57
DWV	12	DALI-2 DT8/pushDIM/pushCCT	Dimming depth 1%、Built-in	100-150	65
DCV	13	DALI-2 DT8/pushDIM/pushCCT	Dimming depth 1%、Built-in	80-200	66

BEN (A) series
Non-isolated CC Linear driver (ON/OFF)

Features

- Input and output non-isolated
- 4/8/10 levels current output can be realized by DIP switch
- Output flicker-free, meets the new requirements of ErP certification
- Built in active PFC function, high PF, low THD
- Dual-stage circuit design, work stable
- Withstand 380VAC high voltage short-time shock
- Suitable for built-in use of Class I lamps
- Compliance with Zhaga Book 13 standards
- Compliance with CE, UKCA, ENEC, RCM, EL and other certifications



Non-isolated, ON/OFF, Adjustable current

Parameters

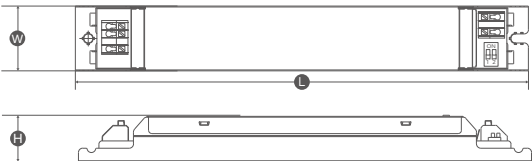
Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-BEN022A-A0350AS	200-240VAC	22.05W	27-72V	0.2-0.35A	0.97	88%	9%	60°C	85°C	L210*W30*H21
BK-BEN040A-A0350AS	200-240VAC	39.9W	50-133V	0.2-0.35A	0.96	92%	8%	60°C	85°C	L210*W30*H21
BK-BEN060A-A0350AS	200-240VAC	60.2W	80-200V	0.2-0.35A	0.95	93%	10%	60°C	85°C	L210*W30*H21
BK-BEN080A-A0550AS	200-240VAC	79.75W	50-216V	0.2-0.55A	0.98	94%	7%	60°C	90°C	L210*W30*H21
BK-BEN100A-A0800AS	200-240VAC	100W	54-240V	0.35-0.8A	0.98	95%	6%	60°C	90°C	L280*W30*H21
BK-BEN150A-A1000AS	200-240VAC	150.1W	54-240V	0.35-1A	0.98	96%	6%	60°C	90°C	L360*W30*H21

Suffix S: Integrated DIP-switch

Specifications

Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/180-264VDC
Input votage shock:	380VAC
Protection type:	Class I
Output type:	Non-SELV(Non-isolated)
Output current accuracy:	5%-8%
Power on time:	<0.5s
No load output voltage:	250VDC/300VDC
Surge:	L-N:2KV,L-FG/N-FG:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20°C-60°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



Wiring diagram



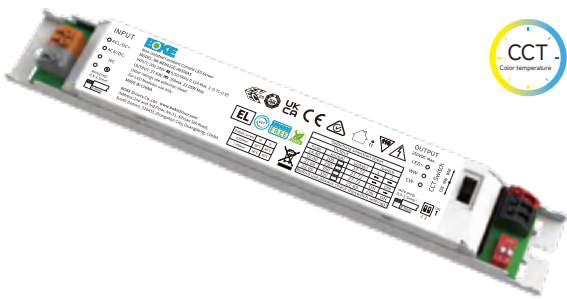
BEN (E) series

Non-isolated CC Linear color temperature driver (ON/OFF)



Features

- Input and output non-isolated
- 3 levels of color temperature optional by sliding switch
- 4/8 levels current output can be realized by DIP switch
- Output flicker-free,meets the new requirements of ErP certification
- Built in active PFC function, high PF, low THD
- Dual-stage circuit design, work stable
- Withstand 380VAC high voltage short-time shock
- Suitable for built-in use of Class I lamps
- Compliance with Zhaga Book 13 standards
- Compliance with CE, UKCA, ENEC, RCM, EL and other certifications



Non-isolated, ON/OFF, CCT-switch, Adjustable current

Parameters

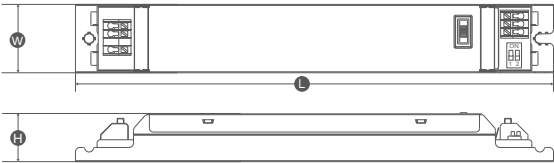
Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-BEN022E-A0350AS	200-240VAC	22.05W	27-72V	0.2-0.35A	0.97	88%	9%	60℃	85℃	L210*W30*H21
BK-BEN040E-A0350AS	200-240VAC	39.9W	50-133V	0.2-0.35A	0.96	92%	8%	60℃	85℃	L210*W30*H21
BK-BEN060E-A0350AS	200-240VAC	60.2W	80-200V	0.2-0.35A	0.95	93%	10%	60℃	85℃	L210*W30*H21
BK-BEN080E-A0550AS	200-240VAC	79.75W	50-216V	0.2-0.55A	0.98	94%	7%	60℃	90℃	L210*W30*H21

Suffix S: Integrated DIP-switch

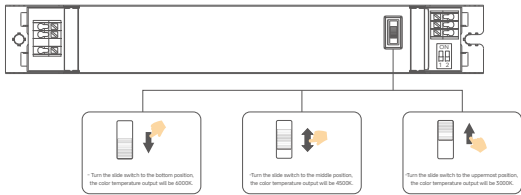
Specifications

Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/180-264VDC
Input votage shock:	380VAC
Protection type:	Class I
Output type:	Non-SELV(non-isolated)
Output current accuracy:	5%
Power on time:	<0.5s
No load output voltage:	250VDC
Surge:	L-N:2KV,L-FG/N-FG:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20℃-60℃
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

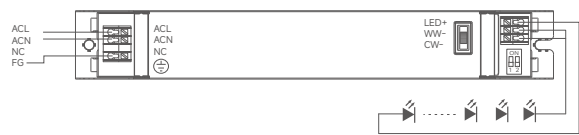
Dimension(unit:mm)



Slide switch & switch color temperature



Wiring diagram



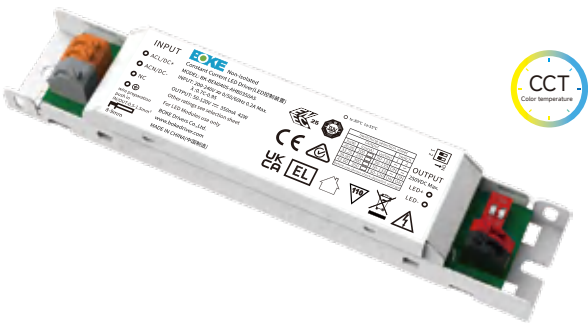
BEN (S) series

Non-isolated CC Linear driver (ON/OFF)



Features

- Input and output non-isolated
- 3 levels of color temperature optional by sliding switch
- 4/8 levels current output can be realized by DIP switch
- Output flicker-free,meets the new requirements of ErP certification
- High PF, high efficiency, low THD
- Dual-stage circuit design, work stable
- Withstand 380VAC high voltage short-time shock
- Suitable for built-in use of Class I lamps
- Compliance with CE, UKCA, ENEC, RCM, CCC, EL and other certifications



Non-isolated, ON/OFF, CCT-switch, DIP switch

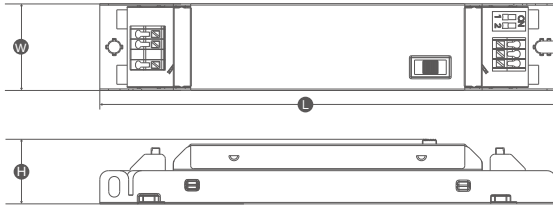
Parameters

Mode	Input voltage	Output power	Output power	Output current	Output current	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-BEN022S-AHB0350AS	200-240VAC	22.05W	25-72V	0.2-0.35A	0.95	89.5%	12%	50℃	75℃	L158*W30*H21
BK-BEN022S-AHB0350ASC	200-240VAC	22.05W	25-72V	0.2-0.35A	0.95	89.5%	12%	50℃	75℃	L158*W30*H22.5
BK-BEN040S-AHB0350AS	200-240VAC	42W	50-133V	0.2-0.35A	0.97	94%	9%	55℃	80℃	L158*W30*H21
BK-BEN040S-AHB0350ASC	200-240VAC	42W	50-133V	0.2-0.35A	0.97	94%	9%	55℃	80℃	L158*W30*H22.5
BK-BEN060S-AHB0350AS	200-240VAC	61.25W	50-200V	0.2-0.35A	0.97	94%	9%	55℃	85℃	L158*W30*H21
BK-BEN060S-AHB0350ASC	200-240VAC	61.25W	50-200V	0.2-0.35A	0.97	94%	9%	55℃	85℃	L158*W30*H22.5
BK-BEN080S-AHB0350AS	200-240VAC	84W	50-240V	0.2-0.55A	0.98	94.5%	7%	55℃	85℃	L210*W30*H21
BK-BEN080S-AHB0350ASC	200-240VAC	84W	50-240V	0.2-0.55A	0.98	94.5%	7%	55℃	85℃	L210*W30*H22.5

Specifications

Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/180-264VDC
Input votage shock:	380VAC
Protection type:	Class I
Output type:	Non-SELV(Non-isolated)
Output current accuracy:	5%
Power on time:	<0.5s
Surge:	L-N:2KV,L-FG/N-FG:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20℃-55℃
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



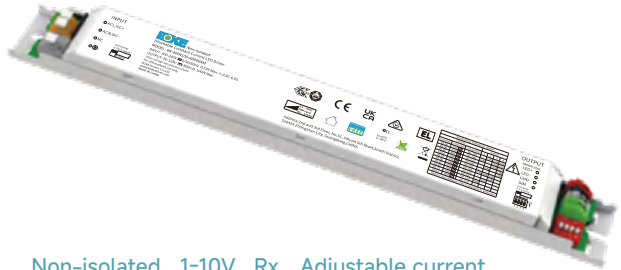
MAN series

Non-isolated CC Linear dimmable driver (1-10V)



Features

- Input and output non-isolated
- Support 1-10V/10V PWM/Rx dimming
- Suitable for emergency lighting acc. to EN 50172
- 10 levels current output can be realized by DIP switch or external DIP switch
- Soft dimming and flicker-free at any brightness
- Using HPC patented technology at any dimming level, the brightness of the lights is the same
- High PF, high efficiency, low THD
- Suitable for built-in use of Class I lamps
- Compliance with Zhaga Book 13 standards
- Compliance with CE, ENEC, UKCA, RCM,EL and other certifications



Non-isolated, 1-10V, Rx, Adjustable current



Parameters

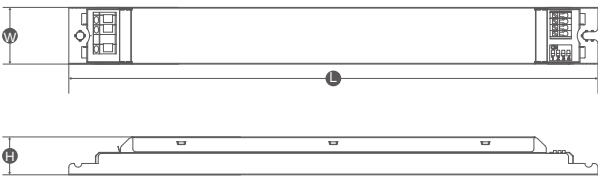
Mode	Input voltage	Output power	Output power	Output current	Output current	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-MAN040-A0400AX(X)	200-240VAC	40W	50-240V	0.1-0.4A	0.97	92%	9%	60°C	85°C	L280*W30*H21
BK-MAN075-A0550AX(X)	200-240VAC	75.35W	50-240V	0.1-0.55A	0.99	94.5%	5%	60°C	90°C	L280*W30*H21
BK-MAN100-A0800AX(X)	200-240VAC	100W	50-240V	0.35-0.8A	0.99	95.5%	5%	60°C	90°C	L280*W30*H21
BK-MAN150-A1000AX(X)	200-240VAC	150W	50-240V	0.35-1A	0.99	95.5%	5%	60°C	90°C	L360*W30*H21

Suffix X(X)=M: 1-10V/10V PWM/Rx dimming
Suffix X(X)=MR: 1-10V/10V PWM/Rx dimming+external DIP-switch

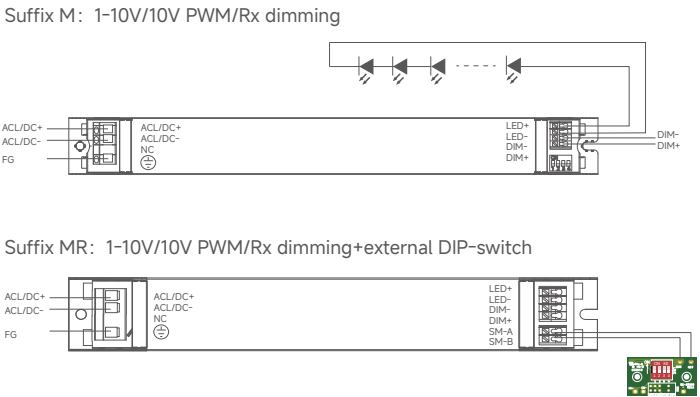
Specifications

Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/180-264VDC
Input votage shock:	380VAC
Protection type:	Class I
Output type:	Non-SELV(Non-isolated)
Output current accuracy:	5%
Dimming range:	1%-100%
Power on time:	<0.5s
No load output voltage:	300VDC
Surge:	L-N:2KV,L-FG/N-FG:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20°C-60°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



Wiring diagram



PYN-C series

Non-isolated CC Linear dimmable driver (0-10V+12V)

Features

- Input and output non-isolated
- Non-SELV 12V power output
- Support 0-10V/10VV PWM dimming+12V auxiliary power
- Provide 12V 100mA auxiliary power supply to power control module or sensor
- Auxiliary 12V supports fast power-down feature
- 4 levels current output can be realized by DIP switch
- Soft dimming and flicker-free at any brightness
- High PF, high efficiency, low THD
- Suitable for built-in use of Class I lamps
- Compliance with CE, ENEC, UKCA, RCM, EL and other certifications



Non-isolated, PWM, External sensor port



Parameters

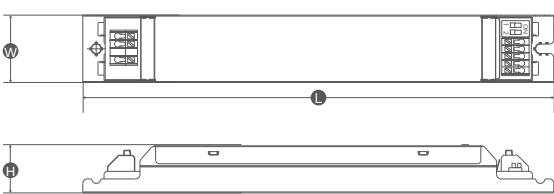
Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-PYN022-C0350AXX	200-240VAC	22.05W	39-110V	0.2-0.35A	0.96	89.5%	8%	60°C	80°C	L158*W30*H21
BK-PYN042-C0350AXX	200-240VAC	42W	54-140V	0.2-0.35A	0.98	92%	9%	60°C	90°C	L158*W30*H21
BK-PYN060-C0350AXX	200-240VAC	60.2W	100-200V	0.2-0.35A	0.98	93%	8.5%	60°C	90°C	L195*W30*H21

Suffix XX=MV: 0-10V/10V PWM dimming+12V
Suffix XX=YV: 3.3V/5V/10V PWM dimming+12V

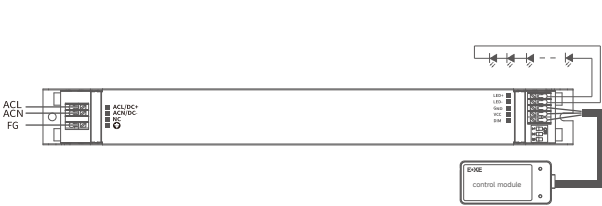
Specifications

Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/180-264VDC
Input votage shock:	380VAC
Protection type:	Class I
Output type:	Non-SELV(Non-isolated)
Output current accuracy:	5%
Dimming range:	5%-100%
Power on time:	<0.5s
No load output voltage:	250VDC
Surge:	L-N:2KV,L-FG/N-FG:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20°C-60°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



Wiring diagram



PYN (S) series

Non-isolated CC Linear dimmable driver (0-10V+12V)



Features

- Input and output non-isolated
- Non-SELV 12V power output
- Support 0-10V/10V PWM dimming+12V auxiliary power
- Support 3.3V/5V/10V PWM dimming+12V auxiliary power
- Provide 12V 100mA auxiliary power supply to power control module or sensor
- Auxiliary 12V supports fast power-down feature
- 4 levels current output can be realized by DIP switch or external DIP switch
- Soft dimming and flicker-free at any brightness
- High PF, high efficiency, low THD
- Suitable for built-in use of Class I lamps
- Compliance with Zhaga Book 13 standards
- Compliance with CE, ENEC, UKCA, RCM, EL and other certifications



Non-isolated, 0-10V/PWM, External sensor port



Parameters

Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-PYN022S-A0350AXX(X)	200-240VAC	22.05W	39-110V	0.2-0.35A	0.96	89%	10.5%	60°C	90°C	L210*W30*H21
BK-PYN042S-A0350AXX(X)	200-240VAC	42W	50-210V	0.2-0.35A	0.98	92%	8%	60°C	90°C	L210*W30*H21
BK-PYN060S-A0350AXX(X)	200-240VAC	60.2W	50-216V	0.2-0.35A	0.98	93%	8%	60°C	90°C	L210*W30*H21
BK-PYN080S-A0550AXX(X)	200-240VAC	80.3W	50-216V	0.2-0.55A	0.98	94.5%	8%	60°C	90°C	L210*W30*H21

Suffix XX(X)=MV: 0-10V PWM dimming+12V+Integrated dialing

Suffix XX(X)=YV: 3.3V/5V/10V PWM dimming+12V+Integrated dialing

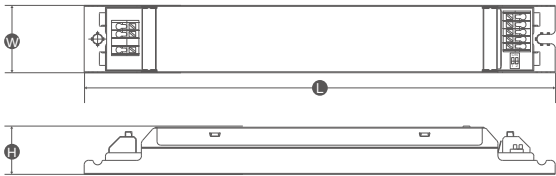
Suffix XX(X)=MVR: 0-10V PWM dimming+12V+External dialing

Suffix XX(X)=YVR: 3.3V/5V/10V PWM dimming+12V+External dialing

Specifications

Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/180-264VDC
Input votage shock:	380VAC
Protection type:	Class I
Output type:	Non-SELV(Non-isolated)
Output current accuracy:	5%
Dimming range:	1%-100%
Power on time:	<0.5s
No load output voltage:	250VDC
Surge:	L-N:2KV,L-FG/N-FG:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20°C-60°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

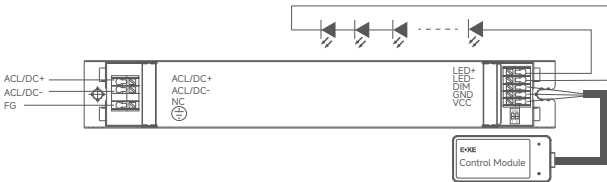
Dimension(unit:mm)



Wiring diagram

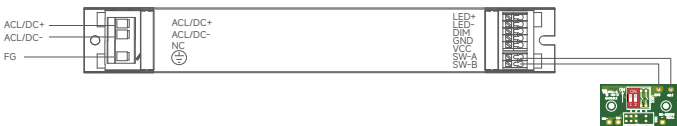
Suffix MV: 0-10V PWM dimming+12V+Integrated dialing

Suffix YV: 3.3V/5V/10V PWM dimming+12V+Integrated dialing



Suffix MVR: 0-10V PWM dimming+12V+External dialing

Suffix YVR: 3.3V/5V/10V PWM dimming+12V+External dialing



Note: External DIP codes are for reference only. Suggest customizing on your own.

DYN (S) series

Non-isolated CC Linear dimmable driver (DALI-2 DT6+D4i)



Features

- Input and output non-isolated
- Support DALI-2 DT6+D4i dimming mode
- 15/16 levels current output can be realized by DIP switch
- Quick installation of sensors and wireless control modules via D4i interface
- Built-in power metering for input AC and output DC
- Support EnergyData function and energy-reporting reading (DALI Part 252)
- Support Luminaire data reading (DALI Part 251), support diagnostics-maintenance reading (DALI Part 253)
- Support advanced functions such as EL, CLO
- The output current programming can be realized through the DALI interface and the NFC interface
- Suitable for emergency lighting acc. to EN 50172
- Soft dimming and flicker-free at any brightness,meets the requirements of ErP certification
- Using HPC patented technology, the brightness can remain same when dimming
- Standby power input < 0.5W, meets the requirements of ErP certification
- High PF, high efficiency, low THD
- Compliance with Zhaga Book 13/24/25 standards
- Suitable for built-in use of Class I lamps
- Compliance with CE, ENEC, UKCA, RCM, CCC, EL, DALI-2, D4i and other certifications



DT6, D4i, Adjustable current



Parameters

Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-DYN040S-A0400AXX	200-240VAC	40W	50-250V	0.05-0.4A	0.97	91.5%	9%	60°C	90°C	L280*W30*H21
BK-DYN080S-A1050AXX	200-240VAC	80W	50-250V	0.1-1.05A	0.98	93.5%	9%	60°C	90°C	L360*W30*H21

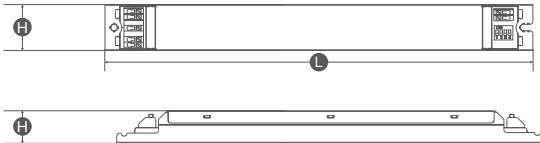
Suffix XX=DP: DALI-2 DT6+EnergyData+EL+CLO+DALI programmable

Suffix XX=DN: DALI-2 DT6+EnergyData+EL+CLO+DALI programmable+NFC programmable

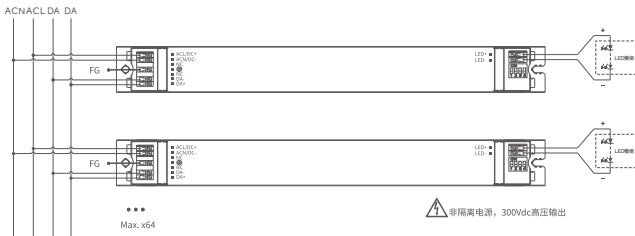
Specifications

Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/180-264VDC
Input votage shock:	380VAC
Protection type:	Class I
Output type:	No SELV(Non-isolated)
Output current accuracy:	5%
Dimming range:	1-100%
Power on time:	<0.7s
Standby power:	<0.5W
No load output voltage:	300VDC
Surge:	L-N:2KV,L-FG/N-FG:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20°C-60°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



Wiring diagram



DAN (E) series

Non-isolated CC Linear dimmable driver (DALI-2 DT6)

Features

- Input and output non-isolated
- Support DALI-2+pushDIM dimming mode
- 3 levels of color temperature optional by sliding switch
- Support EnergyData function and energy-reporting reading (DALI Part 252)
- Support Luminaire data reading (DALI Part 251), support diagnostics-maintenance reading (DALI Part 253)
- Support advanced functions such as corridorDIM,EL,CLO
- The output current programming can be realized through the DALI interface and the NFC interface
- Suitable for emergency lighting acc. to EN 50172
- 13/15/16 levels current output can be realized by DIP switch
- Soft dimming and flicker-free at any brightness
- Using HPC patented technology, at any dimming level, the brightness of the luminaries is the same
- Standby power input < 0.5W, meets the requirements of ErP certification
- High PF, high efficiency, low THD
- Suitable for built-in use of Class I lamps
- Compliance with Zhaga Book 13/24/25 standards
- Compliance with CE, UKCA, ENEC, RCM, EL, DALI-2 and other certifications



Parameters

Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-DAN025E-A0350AXX	200-240VAC	25.2W	50-250V	0.05-0.35A	0.98	90.5%	7%	60°C	90°C	L210*W30*H21
BK-DAN025E-D0350ADPC	200-240VAC	25.2W	50-250V	0.05-0.35A	0.98	90.5%	8%	60°C	90°C	L210*W30*H22.5
BK-DAN040E-A0400AXX	200-240VAC	40W	50-250V	0.05-0.4A	0.98	92%	9%	60°C	90°C	L280*W30*H21
BK-DAN040E-C0400AXX	200-240VAC	40W	50-250V	0.05-0.4A	0.98	92%	9%	60°C	90°C	L210*W30*H21
BK-DAN040E-D0400ADPC	200-240VAC	40W	50-250V	0.05-0.4A	0.97	92%	9%	60°C	90°C	L280*W30*H22.5
BK-DAN060E-A0550AXX	200-240VAC	60.5W	50-250V	0.05-0.55A	0.98	92.5%	9.5%	60°C	90°C	L280*W30*H21
BK-DAN060E-D0550ADPC	200-240VAC	60.5W	50-250V	0.05-0.55A	0.98	92.5%	9.5%	60°C	90°C	L280*W30*H22.5
BK-DAN080E-A1050AXX	200-240VAC	80W	50-250V	0.1-0.55A	0.98	93%	8.5%	60°C	90°C	L280*W30*H21
BK-DAN080E-D0550ADPC	200-240VAC	80W	50-250V	0.1-0.55A	0.98	93%	8.5%	60°C	90°C	L280*W30*H22.5
BK-DAN100E-A1050AXX	200-240VAC	100.8W	50-250V	0.1-1.05A	0.98	95%	8%	60°C	90°C	L280*W30*H21
BK-DAN150E-A1050AXX	200-240VAC	150.15W	50-250V	0.1-1.05A	0.98	94.5%	8%	60°C	90°C	L360*W30*H21

Suffix DPC: DALI-2+pushDIM+EnergyData+EL+CLO+corridorDIM+DALI programmable+Slide switch CCT

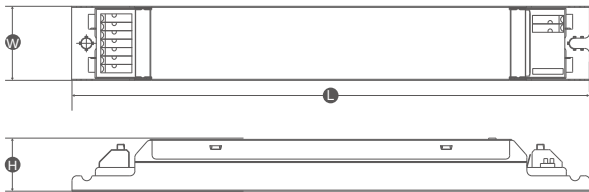
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Suffix XX=DN: DALI-2+pushDIM+EL+CLO+corridorDIM+DALI programmable+NFC programmable

Specifications

Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/180-264VDC
Input votage shock:	380VAC
Protection type:	Class I
Output type:	No SELV(Non-isolated)
Output current accuracy:	3%
Power on time:	<0.7s
Standby power:	<0.5W
No load output voltage:	300VDC
Surge:	L-N:2KV,L-FG/N-FG:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20°C-60°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



Wiring diagram



DBN (S) series

Non-isolated CC Linear dimmable driver (DALI-2 DT6)

Features

- Input and output non-isolated
- Support DALI-2+pushDIM dimming mode
- 16mm ultra-thin
- Support EnergyData function and energy-reporting reading (DALI Part 252)
- Support Luminaire data reading (DALI Part 251), support diagnostics-maintenance reading (DALI Part 253)
- Support advanced functions such as corridorDIM, EL, CLO
- The output current programming can be realized through the DALI interface and the NFC interface
- 15 levels current output can be realized by DIP switch
- Soft dimming and flicker-free at any brightness
- Using HPC patented technology, the brightness can remain same when dimming
- Standby power input < 0.5W, meets the requirements of ErP certification
- High PF,high efficiency,low THD
- Suitable for built-in use of Class I lamps
- Compliance with Zhaga Book 13 standards
- Compliance with CE, UKCA, ENEC, RCM, EL, DALI-2 and other certifications



Parameters

Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-DBN040S-A0400AXX	200-240VAC	40W	50-250V	0.05-0.4A	0.98	92%	7.5%	60°C	90°C	L280*W30*H16
BK-DBN040S-A0400AXX	200-240VAC	80W	50-250V	0.1-0.7A	0.95	93%	7.5%	60°C	90°C	L360*W30*H16

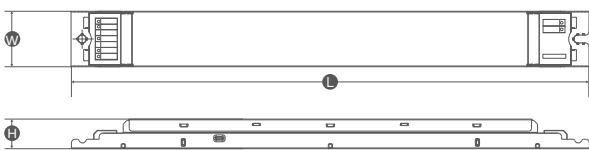
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Suffix XX=DN: DALI-2+pushDIM+EL+CLO+corridorDIM+DALI programmable+NFC programmable

Specifications

Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/180-264VDC
Input votage shock:	3800VAC
Protection type:	Class I
Output type:	No SELV(Non-isolated)
Output current accuracy:	5%
Power on time:	<0.7s
Standby power:	<0.5W
No load output voltage:	300VDC
Surge:	L-N:2KV,L-FG/N-FG:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20°C-60°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



Wiring diagram



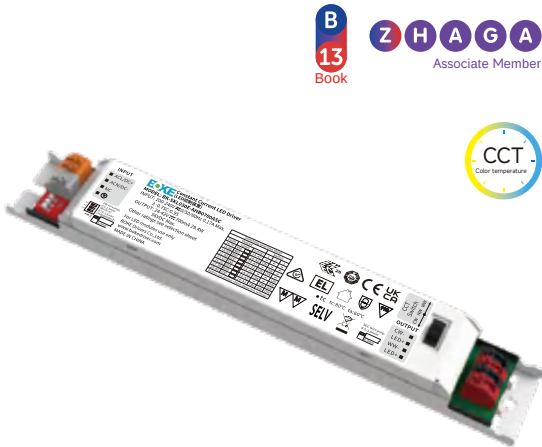
SKL (E) series
CV Linear driver (ON/OFF) NEW

Features

- 3 levels of color temperature optional by sliding switch
- 8 levels current output can be realized by DIP switch
- Output flicker-free, meets the new requirements of ErP certification
- High PF, high efficiency, low THD
- Dual-stage circuit design, work stable
- Withstand 380VAC high voltage short-time shock
- SELV and Class I design, suitable to intallate within the luminaires
- Compliance with Zhaga Book 13 standards
- Compliance with CE, ENEC, UKCA, RCM, CCC, EL and other certifications



ON/OFF, CCT switch, DIP-switch



Parameters

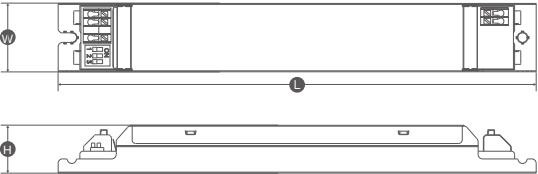
Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-SKL030E-AHB0700AS	200-240VAC	29.4W	24-42V	0.35-0.7A	0.96	90%	7%	60°C	80°C	L210*W30*H21
BK-SKL030E-AHB0700AR	200-240VAC	29.4W	24-42V	0.2-0.7A	0.96	89.5%	7%	60°C	80°C	L210*W30*H21
BK-SKL030E-AHB0700ASC	200-240VAC	29.4W	24-42V	0.35-0.7A	0.96	90%	7%	60°C	80°C	L210*W30*H22.5
BK-SKL040E-AHB1050AS	200-240VAC	40W	24-42V	0.75-1.05A	0.97	90%	7%	60°C	80°C	L210*W30*H21
BK-SKL040E-AHB1050AR	200-240VAC	40W	24-42V	0.5-1.05A	0.97	89.5%	7%	60°C	85°C	L210*W30*H21
BK-SKL040E-AHB1050ASC	200-240VAC	40W	24-42V	0.75-1.05A	0.97	90%	7%	60°C	80°C	L210*W30*H22.5
BK-SKL050E-AHB1300AS	200-240VAC	50.4W	24-42V	0.95-1.3A	0.97	90%	7%	60°C	80°C	L210*W30*H21
BK-SKL050E-AHB1300AR	200-240VAC	50.4W	24-42V	0.6-1.3A	0.97	89.5%	7%	60°C	90°C	L210*W30*H21
BK-SKL050E-AHB1300ASC	200-240VAC	50.4W	24-42V	0.95-1.3A	0.97	90%	7%	60°C	80°C	L210*W30*H22.5

Suffix S: Integrated DIP switch
Suffix R: External DIP switch
Suffix SC: CCT switch+Slide switch CCT

Specifications

Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/180-264VDC
Input votage shock:	380VAC
Protection type:	Class I
Output type:	SELV
Output current accuracy:	5%
Power on time:	<0.5s
Standby power:	N/A
Surge:	L-N:2KV,L-FG/N-FG:4KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20°C-60°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



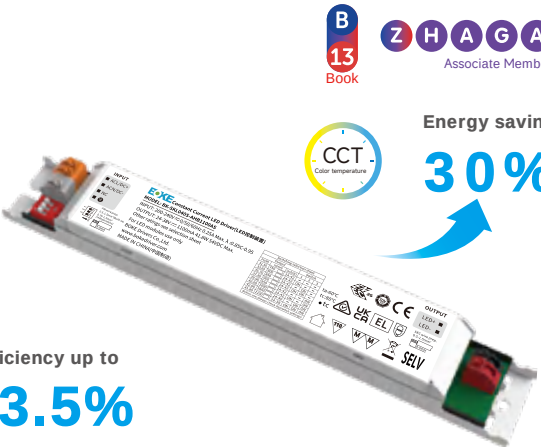
SKL (S) series
CV Linear driver (ON/OFF) NEW

Features

- 3 levels of color temperature optional by sliding switch
- 8 levels current output can be realized by DIP switch
- Output flicker-free, meets the new requirements of ErP certification
- High PF, high efficiency, low THD
- Dual-stage circuit design, work stable
- Withstand 380VAC high voltage short-time shock
- SELV and Class I design, suitable to intallate within the luminaires
- Compliance with Zhaga Book 13 standards
- Compliance with CE, ENEC, UKCA, RCM, CCC, EL and other certifications



ON/OFF, CCT switch, DIP-switch



Parameters

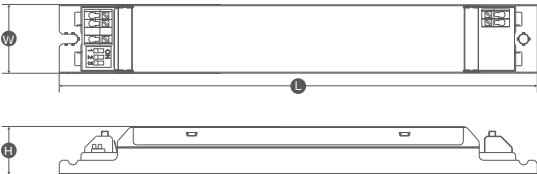
Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-SKL030S-AHB0700AS	200-240VAC	29.4W	24-42V	0.35-0.7A	0.97	92.5%	7%	60°C	80°C	L210*W30*H21
BK-SKL030S-AHB0700AR	200-240VAC	29.4W	24-42V	0.35-0.7A	0.97	92.5%	7%	60°C	80°C	L210*W30*H21
BK-SKL030S-AHB0700ASC	200-240VAC	29.4W	24-42V	0.35-0.7A	0.97	92.5%	7%	60°C	80°C	L210*W30*H22.5
BK-SKL040S-AHB1100AS	200-240VAC	42W	24-42V	0.75-1.1A	0.98	93%	7%	60°C	80°C	L210*W30*H21
BK-SKL040S-AHB1100AR	200-240VAC	42W	24-42V	0.5-1.1A	0.98	93%	7%	60°C	80°C	L210*W30*H21
BK-SKL040S-AHB1100ASC	200-240VAC	42W	24-42V	0.75-1.1A	0.98	93%	7%	60°C	80°C	L210*W30*H22.5
BK-SKL050S-AHB1300AS	200-240VAC	50.4W	24-42V	0.95-1.3A	0.98	93%	7%	60°C	80°C	L210*W30*H21
BK-SKL050S-AHB1300AR	200-240VAC	50.4W	24-42V	0.65-1.3A	0.98	93%	7%	60°C	80°C	L210*W30*H21
BK-SKL050S-AHB1300ASC	200-240VAC	50.4W	24-42V	0.95-1.3A	0.98	93%	7%	60°C	80°C	L210*W30*H22.5
BK-SKL060S-AHB1650AS	200-240VAC	63W	24-42V	1.3-1.65A	0.97	93.5%	7.5%	60°C	80°C	L240*W30*H21
BK-SKL060S-AHB1650AR	200-240VAC	63W	24-42V	0.8-1.65A	0.97	93.5%	7.5%	60°C	80°C	L240*W30*H21
BK-SKL060S-AHB1650ASC	200-240VAC	63W	24-42V	1.3-1.65A	0.97	93.5%	7.5%	60°C	80°C	L240*W30*H22.5
BK-SKL080S-AHB2000AS	200-240VAC	80W	24-42V	1.65-2A	0.97	93.5%	8%	60°C	85°C	L240*W30*H21
BK-SKL080S-AHB2000AR	200-240VAC	80W	24-42V	1-2A	0.97	93.5%	8%	60°C	85°C	L240*W30*H21
BK-SKL080S-AHB2000ASC	200-240VAC	80W	24-42V	1.65-2A	0.97	93.5%	8%	60°C	85°C	L240*W30*H22.5

Suffix S: Integrated DIP switch
Suffix R: External DIP switch
Suffix SC: CCT switch+Slide switch CCT

Specifications

Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/180-264VDC
Input votage shock:	380VAC
Protection type:	Class I
Output type:	SELV
Output current accuracy:	5%
Power on time:	<0.5s
Standby power:	N/A
Surge:	L-N:2KV,L-FG/N-FG:4KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-25°C-60°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



DYL (S) series
CC Linear dimmable driver (DALI-2 DT6+D4i)

Features

- Support DALI-2 DT6+D4i control
- Quick installation of sensors and wireless control modules via D4i interface
- Built-in power metering for input AC and output DC
- Support EnergyData function and energy-reporting reading (DALI Part 252)
- Support Luminaire data reading (DALI Part 251), support diagnostics-maintenance reading (DALI Part 253)
- The output current programming can be realized through the DALI interface and the NFC interface
- Soft dimming and flicker-free at any brightness, meets the requirements of ErP certification
- Using HPC patented technology, the brightness can remain same when dimming
- Standby power input < 0.5W, meets the requirements of ErP certification
- High PF, high efficiency, low THD
- Suitable for built-in use of Class I lamps
- Compliance with Zhaga Book 13/24/25 standards
- Compliance with CE, ENEC, UKCA, RCM, CCC, EL, DALI-2, D4i and other certifications



DT6, D4i, Adjustable current

Parameters

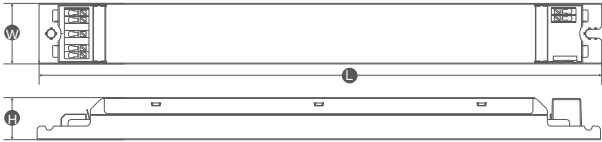
Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-DYL040S-AHB1050AXX	200-240VAC	40W	6-54V	0.15-1.05A	0.97	90%	<10%	60°C	85°C	L280*W30*H21
BK-DYL080S-AHB2000AXX	200-240VAC	80W	6-54V	0.3-2A	0.97	90.5%	<10%	60°C	90°C	L360*W30*H21

Suffix XX=DP: DALI-2+pushDIM+EnergyData+EL+CLO+DALI programmable
Suffix XX=DN: DALI-2+pushDIM+EnergyData+EL+CLO+DALI programmable+NFC programmable

Specifications

Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/180-264VDC
Input votage shock:	380VAC
Protection type:	Class I
Output type:	SELV
Output current accuracy:	2%
Dimming range:	0.1-100%
Power on time:	<0.7s
Standby power:	<0.5W
No load output voltage:	59VDC
Surge:	L-N:2KV L-FG/N-FG:4KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20°C-60°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



Wiring diagram



DJL (S) series
CC Linear tunable white driver (DALI-2 DT8+D4i)

Features

- Support DALI-2 DT8+D4i control
- Quick installation of sensors and wireless control modules via D4i interface
- Support EnergyData function and energy-reporting reading (DALI Part 252)
- Support Luminaire data reading (DALI Part 251), support diagnostics-maintenance reading (DALI Part 253)
- Support advanced functions such as EL, CLO
- The output current programming can be realized through the DALI interface and the NFC interface
- Dimming and color adjustment are gentle and slightly bright without flicker, meets the requirements of ErP certification
- Using HPC patented technology, the brightness can remain same when dimming
- Standby power input < 0.5W, meets the requirements of ErP certification
- High PF, high efficiency, low THD
- Compliance with Zhaga Book 13/24/25 standards
- Suitable for built-in use of Class I lamps
- Compliance with CE, ENEC, UKCA, RCM, CCC, EL, DALI-2, D4i and other certifications



DT8, D4i

Parameters

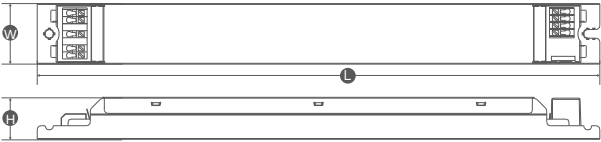
Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-DJL040S-AHB1050AXX	200-240VAC	40W	6-54V	0.15-1.05A	0.98	90%	10%	60°C	85°C	L280*W30*H21
BK-DJL080S-AHB2000AXX	200-240VAC	80W	6-54V	0.3-2A	0.97	90.5%	10%	60°C	90°C	L360*W30*H21

Suffix XX=DP: DALI-2+pushDIM+EnergyData+EL+CLO+DALI programmable
Suffix XX=DN: DALI-2+pushDIM+EnergyData+EL+CLO+DALI programmable+NFC programmable

Specifications

Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/180-264VDC
Input votage shock:	380VAC
Protection type:	Class I
Output type:	SELV
Output current accuracy:	2%
Dimming range:	0.1-100%
Power on time:	<0.75s
Standby power:	<0.5W
No load output voltage:	59VDC
Surge:	L-N:2KV L-FG/N-FG:4KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20°C-60°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



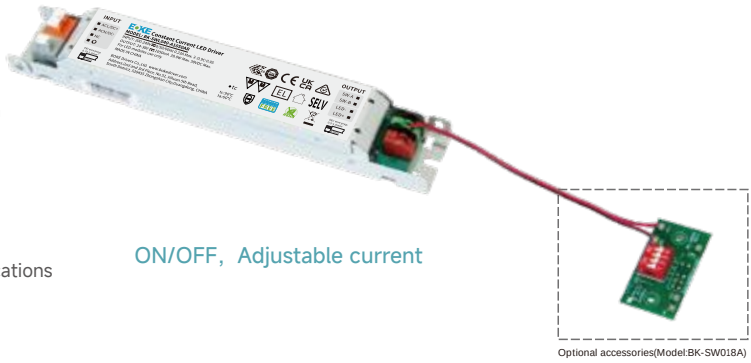
Wiring diagram



SWL series
CC Linear driver (ON/OFF)

Features

- 5 levels current output can be realized by external DIP switch
- The DIP switch can be externally connected to the lamp body to adjust the output power
- Output flicker-free,meets the new requirements of ErP certification
- High PF, high efficiency, low THD
- Dual-stage circuit design, work stable
- Withstand 380VAC high voltage short-time shock
- SELV and Class I design, suitable to intallate within the luminaires
- Compliance with CE, UKCA, ENEC, RCM, CCC, EL and other certifications



Parameters

Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-SWL022-A0350AX	200-240VAC	14.7W	24-42V	0.15-0.35A	0.97	87%	8%	60°C	90°C	L158*W30*H21
BK-SWL022-A0600AX	200-240VAC	22.8W	24-42V	0.4-0.6A	0.97	87%	8%	60°C	90°C	L158*W30*H21
BK-SWL040-A0800AX	200-240VAC	33.6W	24-42V	0.6-0.8A	0.97	89%	9%	60°C	90°C	L195*W30*H21
BK-SWL040-A1050AX	200-240VAC	40W	24-42V	0.85-1.05A	0.97	89%	9%	60°C	90°C	L195*W30*H21
BK-SWL060-A1150AX	200-240VAC	48.3W	24-42V	0.95-1.15A	0.98	90%	7%	60°C	90°C	L285*W30*H21
BK-SWL060-A1400AX	200-240VAC	58.8W	24-42V	1.2-1.4A	0.98	90%	7%	60°C	90°C	L285*W30*H21
BK-SWL060-A1650AX	200-240VAC	62.7W	24-42V	1.45-1.65A	0.98	90%	7%	60°C	90°C	L285*W30*H21

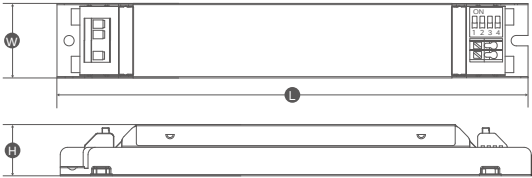
Suffix X=S: Integrated DIP switch

Suffix X=R: External DIP switch

Specifications

Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/180-264VDC
Input votage shock:	380VAC
Protection type:	Class I
Output type:	SELV
Output current accuracy:	5%-17%/5%-8%/5%
Power on time:	<0.5s
Standby power:	N/A
No load output voltage:	50VDC/60VDC
Surge:	L-N:2KV,L-FG/N-FG:4KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20°C-60°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



Wiring diagram

Suffix R: External DIP switch



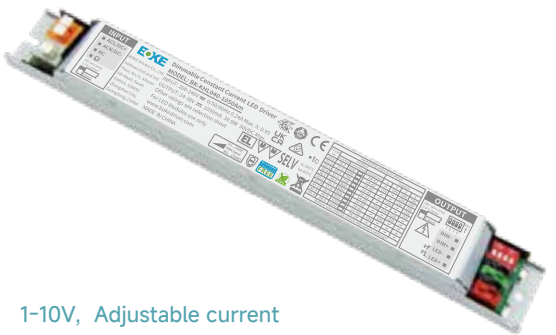
Suffix S: Integrated DIP switch



KHL series
CC Linear dimmable driver (1-10V)

Features

- Isolated 1-10V/10V PWM/Rx dimming interface
- 10 levels current output can be realized by DIP switch
- Soft dimming and flicker-free at any brightness
- Using HPC patented technology, the brightness can remain same when dimming
- Standby power input <0.5W, meets the requirements of ErP certification
- High PF, high efficiency, low THD
- SELV and Class I design, suitable to intallate within the luminaires
- Compliance with CE, UKCA, ENEC, RCM, CCC, EL and other certifications



1-10V, Adjustable current

Parameters

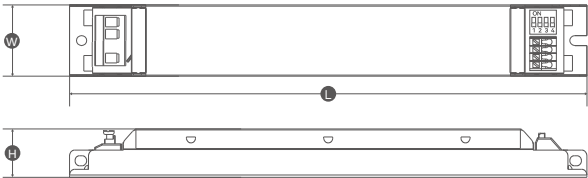
Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-KHL030-0800Am	200-240VAC	30.4W	24-42V	0.35-0.8A	0.97	88%	15%	60°C	90°C	L245*W30*H21
BK-KHL040-1050Am	200-240VAC	40W	24-42V	0.6-1.05A	0.97	89%	13%	60°C	90°C	L245*W30*H21
BK-KHL050-1300Am	200-240VAC	52.5W	24-42V	0.85-1.3A	0.97	89%	14%	60°C	90°C	L285*W30*H21
BK-KHL060-1650Am	200-240VAC	62.7W	24-42V	1.2-1.65A	0.97	91%	11.5%	60°C	90°C	L355*W30*H21
BK-KHL080-2000Am	200-240VAC	80W	24-42V	1.55-2A	0.97	89%	9%	60°C	90°C	L355*W36*H23

Suffix m: Isolated 1-10V/10V PWM/Rx

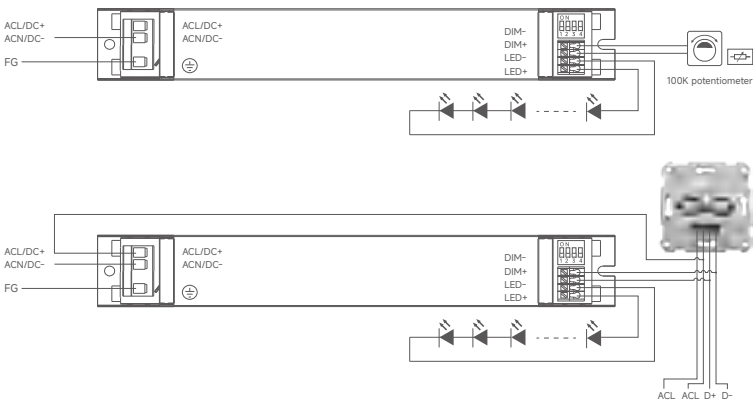
Specifications

Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/180-264VDC
Input votage shock:	380VAC
Protection type:	Class I
Output type:	SELV
Output current accuracy:	5%
Dimming range:	5-100%
Power on time:	<0.5s
Standby power:	<0.5W
No load output voltage:	50VDC
Surge:	L-N:2KV,L-FG/N-FG:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20°C-60°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



Wiring diagram



CJL series
CC Linear dimmable driver (1-10V+12V)

Features

- Support 1-10V/10V PWM/Rx dimming+12V auxiliary power
- Provide 3.3V/5V/10V PWM dimming interface for control module or sensor
- Provide 12V 100mA auxiliary power supply to power control module or sensor
- Auxiliary 12V supports fast power-down feature
- 10 levels current output can be realized by DIP switch
- Soft dimming and flicker-free at any brightness
- Using HPC patented technology, the brightness can remain same when dimming
- Standby power input <0.5W,meets the requirements of ErP certification
- High PF, high efficiency, low THD
- SELV and Class I design, suitable to intallate within the luminaires
- Compliance with CE, UKCA, ENEC, RCM, CCC, EL and other certifications



1-10V, RX, 12V, Adjustable current

Parameters

Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-CJL030-0800AX	200-240VAC	30.4W	12-42V	0.35-0.8A	0.98	88%	5%	60°C	90°C	L245*W30*H21
BK-CJL040-1050AX	200-240VAC	40W	12-42V	0.6-1.05A	0.98	88.5%	6%	60°C	90°C	L285*W30*H21
BK-CJL050-1300AX	200-240VAC	50.4W	12-42V	0.85-1.3A	0.98	89.5%	5%	60°C	90°C	L285*W30*H21
BK-CJL060-1650AX	200-240VAC	63W	12-42V	1.2-1.65A	0.98	90%	5%	60°C	90°C	L355*W30*H21
BK-CJL080-2000AX	200-240VAC	80W	12-42V	1.55-2A	0.97	90.5%	6%	60°C	90°C	L355*W36*H23

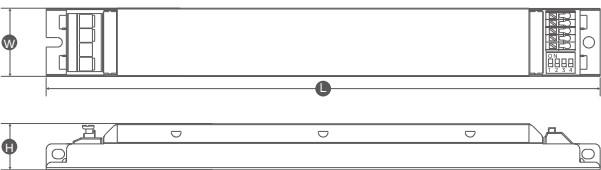
Suffix X=M: 1-10V/10V PWM/Rx dimming+12V auxiliary power

Suffix X=Y: 5V/3.3V/10V PWM+12V auxiliary power

Specifications

Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/180-264VDC
Input votage shock:	380VAC
Protection type:	Class I
Output type:	SELV
Output current accuracy:	1%
Dimming range:	1-100%
Power on time:	<0.5s
Standby power:	<0.5W
Auxiliary power:	12V,100mA
No load output voltage:	50VDC
Surge:	L-N:2KV,L-FG/N-FG:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20°C-60°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



Wiring diagram

Suffix M: 1-10V/10V PWM/Rx dimming+12V auxiliary power



Suffix Y: 5V/3.3V/10V PWM+12V auxiliary power



EML series
CC Linear dimmable driver (1-10V+12V)

Features

- Support 1-10V/10V PWM/Rx dimming+12V auxiliary power
- Support 3.3V/5V/10V PWM dimming, for dimming control by control modules or sensors
- Provide 12V 100mA auxiliary power supply to power control module or sensor
- Auxiliary 12V supports fast power-down feature
- 10 levels current output can be realized by DIP switch
- Dimming range 1-100%, output current accuracy 3%
- Soft dimming and flicker-free at any brightness
- Using HPC patented technology, the brightness can remain same when dimming
- Standby power input <0.5W, meets the requirements of ErP certification
- High PF, high efficiency, low THD
- SELV and Class I design, suitable to intallate within the luminaires
- Compliance with CE, UKCA, ENEC, RCM, EL and other certifications



Optional accessories

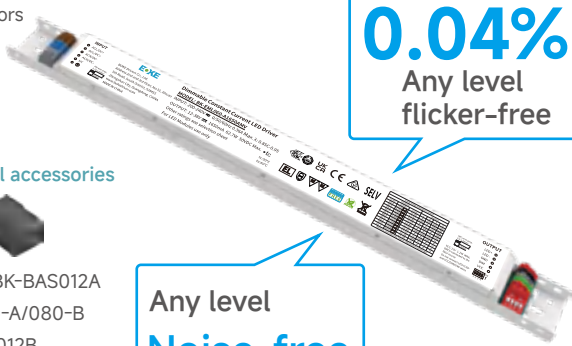


Model: BK-BAS012A
EML060-A/080-B
BK-BAS012B
EML80-A

First choice for floor lights
1-10V, RX, 12V, Adjustable current

0.04%
Any level
flicker-free

Any level
Noise-free



Parameters

Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-EML060-A1650AX(X)	200-240VAC	63W	12-42V	1.2-1.65A	0.98	89.5%	6.5%	60°C	90°C	L375*W30*H21
BK-EML080-A2000AX(X)	200-240VAC	80W	12-42V	1.55-2A	0.98	90.5%	6%	60°C	90°C	L375*W36*H23
BK-EML080-B2000AX(X)	200-240VAC	80W	12-42V	1.55-2A	0.98	90%	6%	50°C	85°C	L375*W30*H21

Suffix XX=Y: 3.3V/5V/10V PWM dimming

Suffix XX=M: 1-10V/10V PWM/Rx dimming

Suffix XX=YV: 3.3V/5V/10V PWM+12V auxiliary power

Suffix XX=MV: 1-10V/10V PWM/Rx dimming+12V auxiliary power

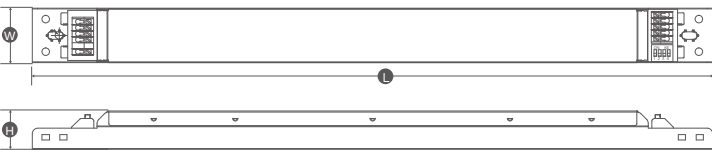
Specifications

Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/180-264VDC
Input votage shock:	380VAC
Protection type:	Class I
Output type:	SELV
Output current accuracy:	3%
Dimming range:	1-100%
Power on time:	<0.5s
Auxiliary power:	12V,100mA
Surge:	L-N:2KV,L/N-FG:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20°C-60°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Product advantages:

- Flicker-free at any dimming level
- 1% dimming depth
- Low power-on surge
- Supports fast series connection for dual driver
- 12V auxiliary power supply is optional
- Compliance with ENEC, RCM, CCC certifications
- Noise-free at any dimming level
- Soft dimming process
- Turn off the light quickly

Dimension(unit:mm)



DAL series
CC Linear dimmable driver (DALI-2 DT6)

- DALI-2+pushDIM dimming interfaces
- 16 levels current output can be realized by DIP switch
- Using HPC patented technology, the brightness can remain same when dimming
- Soft dimming and flicker-free at any brightness,meets the new requirements of ErP certification
- Dimming range 1-100%, output current accuracy 2%
- Standby power input <0.5W, meets the requirements of ErP certification
- High PF, high efficiency, low THD
- Intelligent LED hot-plug protection function
- SELV and Class I design, suitable to intallate within the luminaires
- Compliance with CE, UKCA, ENEC, RCM, CCC, DALI-2, EL and other certifications



DT6, PUSH, Adjustable current



Parameters

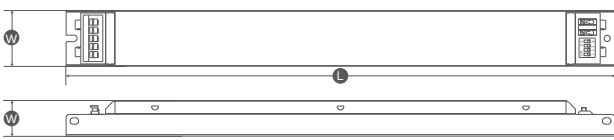
Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-DAL030-B0800Ad	200-240VAC	30.4W	6-42V	0.275-0.8A	0.98	88.5%	6%	60℃	90℃	L245*W30*H21
BK-DAL040-B1050Ad	200-240VAC	39.9W	6-42V	0.4-1.05A	0.98	88.5%	6%	60℃	90℃	L285*W30*H21
BK-DAL050-B1300Ad	200-240VAC	49.4W	6-42V	0.55-1.3A	0.97	90%	7%	60℃	90℃	L285*W30*H21
BK-DAL060-B1650Ad	200-240VAC	62.7W	6-42V	0.9-1.65A	0.98	90%	5%	60℃	90℃	L355*W30*H21
BK-DAL080-B2000Ad	200-240VAC	80W	6-42V	1.25-2A	0.98	90.5%	7%	60℃	90℃	L355*W36*H23

Suffix d: DALI-2+pushDIM

Specifications

Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/180-264VDC
Input vottage shock:	380VAC
Protection type:	Class I
Output type:	SELV
Output current accuracy:	2%
Dimming range:	1-100%
Power on time:	<0.7s
Standby power:	<0.5W
No load output voltage:	50VDC
Surge:	L-N:2KV,L-FG/N-FG:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20℃-60℃
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



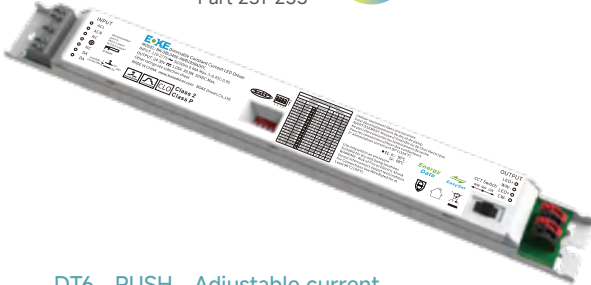
Wiring diagram

Suffix d: DALI-2+pushDIM



DBL (E) series
CC Linear dimmable driver (DALI-2 DT6)

- DALI-2+pushDIM dimming interfaces
- 16 levels current output can be realized by DIP switch
- Support EnergyData function and energy-reporting reading (DALI Part 252)
- Support Luminaire data reading (DALI Part251), support diagnostics-maintenance reading (DALI Part 253)
- Support advanced functions such as corridorDIM,EL,CLO
- The output current programming can be realized through the DALI interface and the NFC interface
- Soft dimming and flicker-free at any brightness
- Using HPC patented technology, the brightness can remain same when dimming
- High PF, high efficiency, low THD
- Intelligent LED hot-plug protection function
- Compliance with Zhaga Book 13/24/25 standards
- SELV and Class I design, suitable to intallate within the luminaires
- Compliance with CE, UKCA, ENEC, RCM, CCC, EL, DALI-2 and other certifications



DT6, PUSH, Adjustable current



Parameters

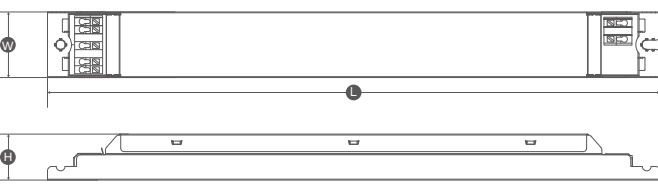
Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-DBL040E-AWB1050ADPC	110-277VAC	40W	24-42V	0.3-1.05A	0.98	88.5%	9%	60℃	90℃	L280*W30*H22.5
BK-DBL040E-A1050ADP	200-240VAC	40W	24-42V	0.3-1.05A	0.97	89.5%	8.5%	60℃	90℃	L280*W30*H21
BK-DBL040E-A1050ADN	200-240VAC	40W	24-42V	0.4-1.05A	0.99	89%	5.5%	60℃	90℃	L280*W30*H21
BK-DBL050E-A1250ADP	200-240VAC	50.4W	24-42V	0.5-1.25A	0.99	89%	5%	60℃	95℃	L280*W30*H21
BK-DBL050E-A1250ADN	200-240VAC	50W	24-42V	0.5-1.25A	0.98	88.5%	9%	60℃	90℃	L280*W30*H21
BK-DBL060E-A1650ADP	200-240VAC	62.7W	24-42V	0.9-1.65A	0.97	89.5%	8.5%	60℃	90℃	L360*W30*H21
BK-DBL060E-A1650ADN	200-240VAC	62.7W	24-42V	0.6-1.65A	0.99	89%	5.5%	60℃	90℃	L360*W30*H21
BK-DBL080E-AWB200ADPC	110-277VAC	80W	24-42V	1.1-2A	0.99	89%	5%	60℃	90℃	L360*W30*H22.5
BK-DBL080E-A2000ADP	200-240VAC	80W	24-42V	1.25-2A	0.99	89%	9%	60℃	95℃	L360*W30*H21
BK-DBL080E-A2000ADN	200-240VAC	80W	24-42V	0.8-2A	0.99	89%	8.5%	60℃	95℃	L360*W30*H21

Suffix DPC: DALI-2+pushDIM+EnergyData+EL+CLO+corridorDIM+DALI programmable+Slide switch CCT
Suffix DP: DALI-2+pushDIM+EnergyData+EL+CLO+corridorDIM+DALI programmable
Suffix DN: DALI-2+pushDIM+EnergyData+EL+CLO+corridorDIM+DALI programmable+NFC programmable

Specifications

Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/180-264VDC
Input vottage shock:	380VAC
Protection type:	Class I
Output type:	SELV
Output current accuracy:	5%
Dimming range:	1-100%
Power on time:	<0.7s
No load output voltage:	50VDC
Surge:	L-N:2KV,L/N-FG:4KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-25℃-60℃
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



Wiring diagram



DBL (S) series
CC Linear dimmable driver (DALI-2 DT6)

Features

- Support DALI-2+pushDIM control
- 16 levels current output can be realized by DIP switch
- Support EnergyData function and energy-reporting reading (DALI Part 252)
- Support Luminaire data reading (DALI Part 251), support diagnostics-maintenance reading (DALI Part 253)
- Support advanced functions such as corridorDIM,EL,CLO
- The output current programming can be realized through the DALI interface and the NFC interface
- Soft dimming and flicker-free at any brightness
- Using HPC patented technology at any dimming level,the brightness between lights is same
- Dimming range 0.1-100%, output current accuracy 2%
- High PF, high efficiency, low THD
- Intelligent LED hot-plug protection function
- Output Input terminal Optional press terminal
- Compliance with Zhaga Book 13 standards
- SELV and Class I design, suitable for use inside of the luminaire
- Compliance with CE, UKCA, ENEC, RCM, CCC, EL, DALI-2 and other certifications



Parameters

Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-DBL040S-A1050ADP	200-240VAC	40W	6-54V	0.15-1.05A	0.98	90%	10%	60°C	90°C	L280*W30*H21
BK-DBL040S-A1050ADN	200-240VAC	40W	6-54V	0.3-1.05A	0.98	90%	10%	60°C	90°C	L280*W30*H21
BK-DBL040S-A1050ADN	200-240VAC	40W	6-54V	0.15-1.05A	0.98	90%	10%	60°C	90°C	L280*W30*H21
BK-DBL050S-A1300ADP	200-240VAC	50W	6-54V	0.55-1.3A	0.98	90%	10%	60°C	90°C	L280*W30*H21
BK-DBL050S-A1300ADN	200-240VAC	50W	6-54V	0.2-1.3A	0.98	90%	10%	60°C	90°C	L280*W30*H21
BK-DBL060S-A1650ADP	200-240VAC	62.7W	6-54V	0.9-1.65A	0.98	91%	10%	60°C	90°C	L360*W30*H21
BK-DBL060S-A1650ADN	200-240VAC	62.7W	6-54V	0.25-1.65A	0.98	91%	10%	60°C	90°C	L360*W30*H21
BK-DBL080S-A2000ADP	200-240VAC	80W	6-54V	1.25-2A	0.98	91%	10%	60°C	90°C	L360*W30*H21
BK-DBL080S-A2000ADN	200-240VAC	80W	6-54V	0.5-2A	0.98	91%	10%	60°C	90°C	L360*W30*H21

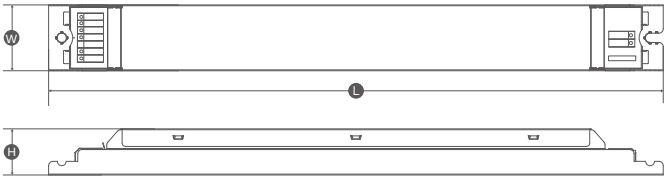
Suffix DP: DALI-2+pushDIM+EnergyData+EL+CLO+corridorDIM+DALI programmable

Suffix DN: DALI-2+pushDIM+EnergyData+EL+CLO+corridorDIM+DALI programmable+NFC programmable

Specifications

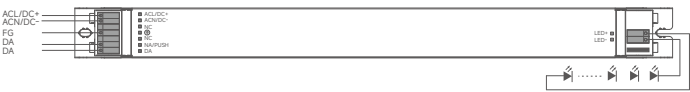
Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/180-264VDC
Input voltage shock:	380VAC
Protection type:	Class I
Output type:	SELV
Output current accuracy:	2%
Dimming range:	0.1-100%
Power on time:	<0.7s
No load output voltage:	59VDC
Surge:	L-N:2KV,L/N-FG:4KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-25°C-50/55/60°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



Wiring diagram

Suffix DN:



Suffix DP:



DGL (E) series
CC Linear tunable white driver (DALI-2 DT8)

Features

- Support DALI-2+pushDIM+pushCCT control
- Support EnergyData function and energy-reporting reading (DALI Part 252)
- Support Luminaire data reading (DALI Part 251), support diagnostics-maintenance reading (DALI Part 253)
- Support advanced functions such as corridorDIM, EL, CLO
- The output current programming can be realized through the DALI interface and the NFC interface
- Soft dimming and flicker-free at any brightness, meets the new requirements of ErP certification
- Using HPC patented technology, the brightness can remain same when dimming
- High PF, high efficiency, low THD
- Intelligent LED hot-plug protection function
- Compliance with Zhaga Book 13 standards
- SELV and Class I design, suitable to intallate within the luminaires
- Compliance with CE, UKCA, ENEC, RCM, CCC, EL, DALI-2 and other certifications



Parameters

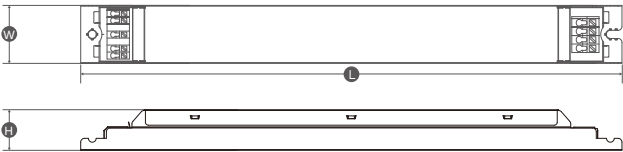
Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-DGL040E-A1050ADN	200-240VAC	40W	24-42V	0.4-1.05A	0.97	87.5%	12%	60°C	90°C	L280*W30*H21

Suffix DN: DALI-2+pushDIM+EnergyData+EL+CLO+corridorDIM+DALI programmable+NFC programmable

Specifications

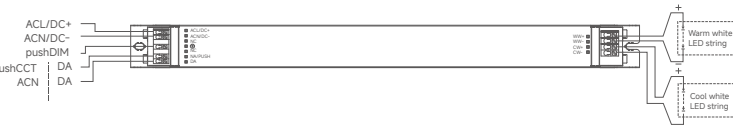
Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/180-264VDC
Input votage shock:	380VAC
Protection type:	Class I
Output type:	SELV
Output current accuracy:	5%
Dimming range:	1-100%
Power on time:	<0.7s
Standby power:	<0.5W
No load output voltage:	50VDC
Surge:	L-N:2KV,L/N-FG:4KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-25°C-60°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



Wiring diagram

Suffix DN: DALI-2+pushDIM+EnergyData+EL+CLO+corridorDIM+DALI programmable +NFC programmable



DGL (S) series

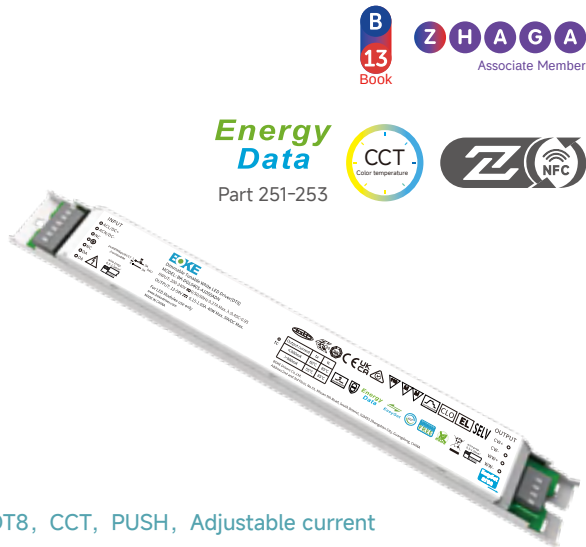
CC Linear tunable white driver (DALI-2 DT8)

Features

- Support DALI-2+pushDIM+pushCCT control
- Support EnergyData function and energy-reporting reading (DALI Part 252)
- Support Luminaire data reading (DALI Part 251), support diagnostics-maintenance reading (DALI Part 253)
- Support advanced functions such as corridorDIM, EL, CLO
- The output current programming can be realized through the DALI interface and the NFC interface
- Soft dimming and flicker-free at any brightness, meets the new requirements of ErP certification
- Using HPC patented technology, the brightness can remain same when dimming
- High PF, high efficiency, low THD
- Intelligent LED hot-plug protection function
- Compliance with Zhaga Book 13 standards
- SELV and Class I design, suitable to intallate within the luminaires
- Compliance with CE, UKCA, ENEC, RCM, CCC, EL, DALI-2 and other certifications



DT8, CCT, PUSH, Adjustable current



Parameters

Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-DGL040S-A1050ADP	200-240VAC	40W	6-54V	0.15-1.05A	0.97	90%	8.5%	60°C	85°C	L280*W30*H21
BK-DGL040S-A1050ADN	200-240VAC	40W	6-54V	0.15-1.05A	0.97	90%	10%	60°C	85°C	L280*W30*H21
BK-DGL050S-A1300ADP	200-240VAC	50W	6-54V	0.55-1.3A	0.98	90%	7%	60°C	90°C	L280*W30*H21
BK-DGL050S-A1300ADN	200-240VAC	50W	6-54V	0.2-1.3A	0.98	90%	7%	60°C	90°C	L280*W30*H21
BK-DGL060S-A1650ADP	200-240VAC	60W	6-54V	0.9-1.65A	0.98	91%	10%	60°C	90°C	L360*W30*H21
BK-DGL060S-A1650ADN	200-240VAC	60W	6-54V	0.25-1.65A	0.98	91%	10%	60°C	90°C	L360*W30*H21
BK-DGL080S-A2000ADP	200-240VAC	80W	6-54V	1.25-2A	0.98	91%	10%	60°C	90°C	L360*W30*H21
BK-DGL080S-A2000ADN	200-240VAC	80W	6-54V	0.3-2A	0.98	91%	10%	60°C	90°C	L360*W30*H21

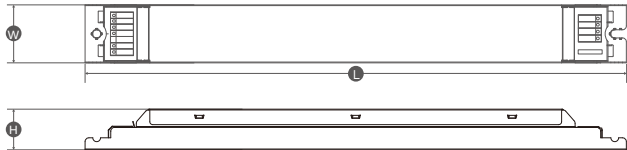
Suffix DP: DALI-2+pushDIM+EnergyData+EL+CLO+corridorDIM+DALI programmable

Suffix DN: DALI-2+pushDIM+EnergyData+EL+CLO+corridorDIM+DALI programmable+NFC programmable

Specifications

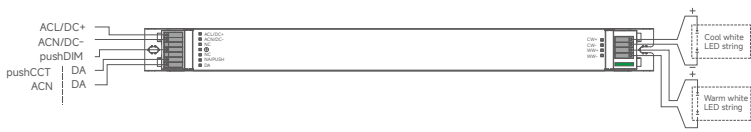
Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/180-264VDC
Input votage shock:	380VAC
Protection type:	Class I
Output type:	SELV
Output current accuracy:	2%
Dimming range:	0.1-100%
Power on time:	<0.7s
Standby power:	<0.5W
No load output voltage:	59VDC
Surge:	L-N:2KV,L-N-FG:4KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-25°C-50/55/60°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)

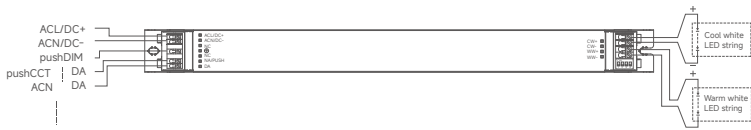


Wiring diagram

Suffix DN:



Suffix DP:



DDV (S) series

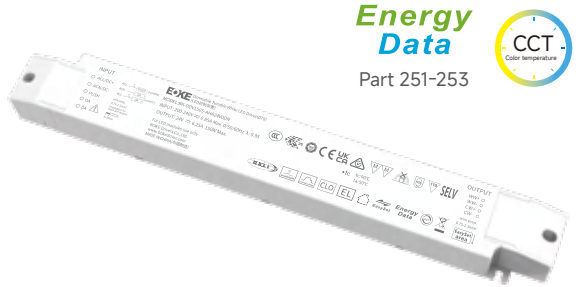
CV Linear tunable white driver (DALI-2 DT8)

Features

- Support DALI-2+pushDIM+pushCCT control
- Configured as a DT6 (2-channel or 1-channel) or DT8 (Tunable White) driver through programming
- Support EnergyData function and energy-reporting reading (DALI Part 252)
- Support Luminaire data reading (DALI Part 251), support diagnostics-maintenance reading (DALI Part 253)
- Support advanced functions such as corridorDIM, EL, CLO
- The programming configuration can be realized through the DALI interface or NFC
- 2-channels constant-voltage output; at tinting temperature, channel powers are complementary, total output power remains constant
- Soft dimming and flicker-free at any brightness,which meets the new requirements of ErP certification
- High PF, high efficiency, low THD
- SELV and Class II design, suitable for external/ internal installation of the luminaires
- Compliance with CE, ENEC, UKCA, RCM, CCC, EL, DALI-2 and other certifications



DT6/DT8, NFC programmable



Parameters

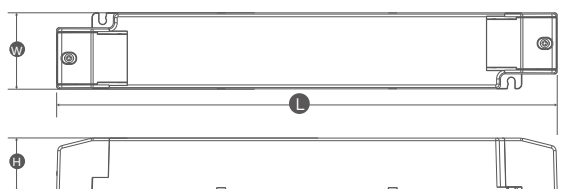
Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-DDV080S-AHA24V0DN	200-240VAC	80.16W	24V	3.34A	0.99	91%	5%	55°C	90°C	L283*W43*H30
BK-DDV100S-AHA24V0DN	200-240VAC	100W	24V	4.16A	0.99	93%	5%	55°C	90°C	L334.5*W43*H30
BK-DDV150S-AHA24V0DN	200-240VAC	150W	24V	6.25A	0.99	93%	4%	50°C	90°C	L334.5*W43*H30
BK-DDV200S-AHA24V0DN	200-240VAC	200W	24V	8.3A	0.99	93%	4%	45°C	90°C	L334.5*W43*H30
BK-DDV240S-AHA24V0DN	200-240VAC	240W	24V	10A	0.99	93.5%	4%	45°C	90°C	L370*W49*H30

Suffix DN: DALI-2+pushDIM+EnergyData+EL+CLO+corridorDIM+DALI programmable+NFC programmable

Specifications

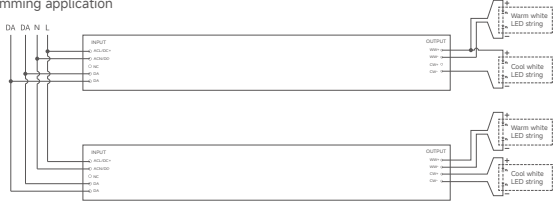
Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/180-264VDC
Input votage shock:	380VAC
Protection type:	Class II
Output type:	SELV
Output current accuracy:	5%
Dimming range:	0.1-100%
Power on time:	<0.5s
Surge:	L-N:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20°C-50°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



Wiring diagram

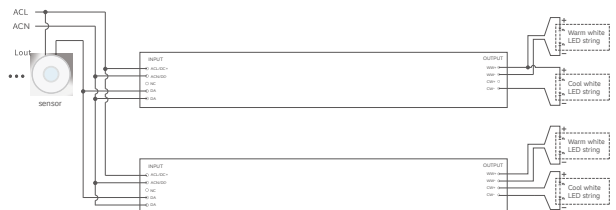
DALI dimming application



push DIM dimming and color temperature dimming application



corridorDIM dimming application



DBV (S) series
CV Linear dimmable driver (DALI-2 DT6)

Features

- Support DALI-2 +pushDIM dimming interface
- Support EnergyData function and energy-reporting reading (DALI Part 252)
- Support Luminaire data reading (DALI Part 251), support diagnostics-maintenance reading (DALI Part 253)
- Support advanced functions such as corridorDIM, EL, CLO
- The programming configuration can be realized through the DALI interface or NFC
- Soft dimming and flicker-free at any brightness, meets the new requirements of ErP certification
- High PF, high efficiency, low THD
- SELV and Class II design, suitable for external/ internal installation of the luminaires
- Compliance with CE, ENEC, UKCA, RCM, CCC, EL, DALI-2 and other certifications



Energy
Data
Part 251-253

DT6, NFC programmable

Parameters

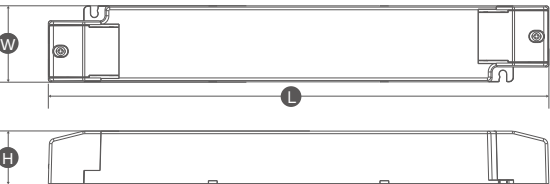
Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-DBV080S-AHA24V0DN	200-240VAC	80.16W	24V	3.34A	0.99	91%	5%	55℃	90℃	L283*W43*H30
BK-DBV100S-AHA24V0DN	200-240VAC	100W	24V	4.16A	0.99	93%	5%	50℃	90℃	L334.5*W43*H30
BK-DBV150S-AHA24V0DN	200-240VAC	150W	24V	6.25A	0.99	93%	4%	50℃	90℃	L334.5*W43*H30
BK-DBV200S-AHA24V0DN	200-240VAC	200W	24V	8.3A	0.99	93%	4%	45℃	90℃	L334.5*W43*H30
BK-DBV240S-AHA24V0DN	200-240VAC	240W	24V	10A	0.99	93.5%	4%	45℃	90℃	L370*W49*H30

Suffix DN: DALI-2+pushDIM+EnergyData+EL+CLO+corridorDIM+DALI programmable+NFC programmable

Specifications

Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/180-264VDC
Input votage shock:	380VAC
Protection type:	Class II
Output type:	SELV
Output current accuracy:	5%
Dimming range:	0.1-100%
Power on time:	<0.5s
Surge:	L-N:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20℃-55℃
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



Wiring diagram

DALI dimming application



push DIM dimming and color temperature dimming application



corridorDIM dimming application



DGV series
CV Linear dimmable driver (DALI-2 DT6 1-10V+12V)

Features

- Support DALI-2/pushDIM+1-10V/10 PWM/Rx dimming+12V auxiliary power
- Provide 12V 100mA auxiliary power supply to power control module or sensor
- Soft dimming and flicker-free at any brightness
- Dimming range 1-100%
- Standby power input <0.5W, meets the requirements of ErP certification
- High PF, high efficiency, low THD
- SELV and Class I design, suitable to intallate within the luminaires
- Compliance with CE, UKCA, ENEC, RCM, DALI-2 and other certifications



CV, DT6, 1-10V, PUSH

Parameters

Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-DGV036-XXV0D	200-240VAC	36W	24/48V	1.5/0.75A	0.98	88.5%	7%	60℃	90℃	L245*W30*H21
BK-DGV060-XXV0D	200-240VAC	60/57.6W	24/48V	2.5/1.2A	0.98	90%	7%	60℃	90℃	L285*W30*H21
BK-DGV100-XXV0D	200-240VAC	100W	24/48V	4.2/2.09A	0.99	92%	5%	60℃	95℃	L355*W30*H21
BK-DGV150-XXV0D	200-240VAC	150W	24/48V	6.25/3.12A	0.99	92.5%	5%	60℃	90℃	L355*W36*H23

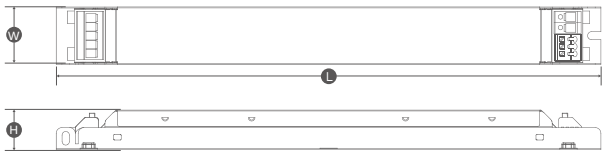
Suffix D: DALI-2+pushDIM+1-10V/10V PWM/Rx+12V

XX: Output voltage, unit:V

Specifications

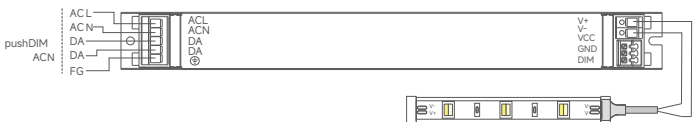
Rated input voltage:	200-240VAC
Limited voltage:	180-264VAC
Input votage shock:	380VAC
Protection type:	Class I
Output type:	SELV
Voltage accuracy:	4%
Dimming range:	1-100%
Power on time:	<0.7s
Surge:	L-N:2KV,L/N-FG:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20℃-60℃
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



Wiring diagram

Suffix D: DALI-2+pushDIM+1-10V/10V PWM/Rx+12V



DGV (S) series
 CV Linear dimmable driver (DALI-2 DT6 1-10V+12V)

Features

- Support DALI-2/pushDIM+1-10V/10 PWM/Rx dimming+12V auxiliary power
- Provide 12V 100mA auxiliary power supply to power control module or sensor
- Soft dimming and flicker-free at any brightness
- Dimming range 0.1~100%
- Standby power input <0.5W, meets the requirements of ErP certification
- High PF, high efficiency, low THD
- SELV and Class I design, suitable to intallate within the luminaires
- Compliance with CE, ENEC, UKCA, RCM, DALI-2, EL and other certifications



DT6, PUSH, 1-10V, Rx



Parameters

Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-DGV036S-12V0DP	110-277VAC/200-300VDC	36W	12V	3A	0.99	88%	6.5%	60℃	90℃	L280*W30*H21
BK-DGV060S-12V0DP	110-277VAC/200-300VDC	60W	12V	5A	0.99	87%	6%	60℃	90℃	L355*W30*H21
BK-DGV120S-12V0DP	110-277VAC/200-300VDC	120W	12V	10A	0.99	91.5%	4%	60℃	90℃	L355*W30*H23

Specifications

Rated input voltage:	110-277VAC/200-300VDC
Limited voltage:	100-305VAC/180-315VDC
Input votage shock:	380VAC
Protection type:	Class I
Output type:	SELV
Voltage accuracy:	5%
Dimming range:	0.1-100%
Power on time:	<0.7s
Surge:	L-N:2KV,L/N-FG:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20℃-60℃
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)

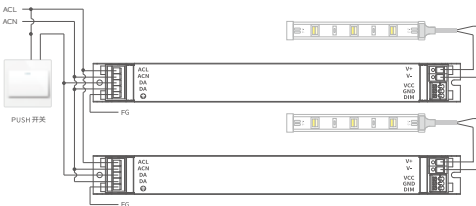


Wiring diagram

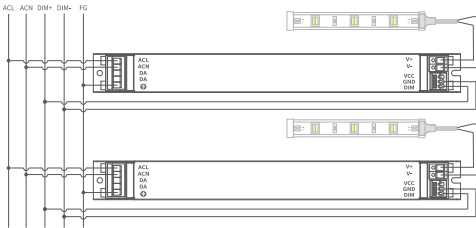
DALI-2



pushDIM



1-10V/10V PWM



HGV (E) series
 CV Linear driver (ON/OFF)

Features

- Flicker-free output, which meets the requirement of ErP standard
- High PF, high efficiency and low THD
- SELV and Class I design, suitable to intallate within the luminaires
- Compliance with CE, ENEC, RCM, UKCA, EL and other certifications



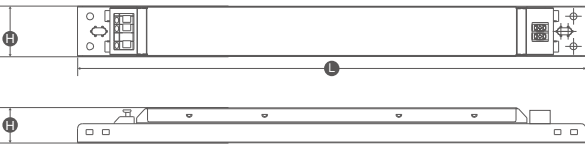
Parameters

Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-HGV100E-24V0	200-240VAC	100W	24V	4.2A	0.99	93%	5.5%	55℃	90℃	L305*W30*H21
BK-HGV100E-48V0	200-240VAC	100W	48V	2.1A	0.99	92.5%	7.5%	55℃	90℃	L285*W30*H21
BK-HGV150E-B24V0	200-240VAC	150W	24V	6.25A	0.99	93%	4.5%	55℃	90℃	L305*W30*H21
BK-HGV150E-B48V0	200-240VAC	150W	48V	3.12A	0.99	93%	4.5%	55℃	90℃	L285*W30*H21
BK-HGV200E-24V0	200-240VAC	200W	24V	8.3A	0.99	93.5%	4%	55℃	90℃	L375*W36*H23
BK-HGV200E-48V0	200-240VAC	200W	48V	4.15A	0.99	93%	4.5%	55℃	90℃	L375*W36*H23

Specifications

Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/200-240VDC
Input votage shock:	380VAC
Protection type:	Class I
Output type:	SELV
Voltage accuracy:	5%
Power on time:	<0.5s
Surge:	L-N:2KV,L/N-FG:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20℃-60℃
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

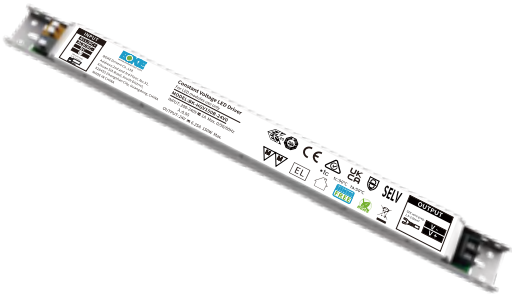
Dimension(unit:mm)



HGV (B) series
CV Linear driver (ON/OFF)

Features

- Suitable for constant voltage lights or light strips
- Flicker-free output, which meets the requirement of ErP standard
- Standby power input <0.5W, meets the requirements of ErP certification
- High PF, high efficiency and low THD
- SELV and Class I design, suitable to intallate within the luminaires
- Compliance with CE, ENEC, RCM, UKCA, CCC, EL and other certifications



Independent/Built in

Parameters

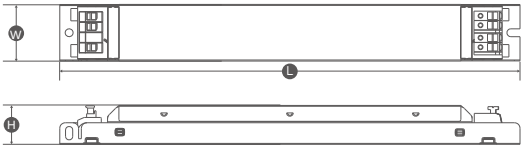
Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-HGV080B-XXV0	200-240VAC	80W	48V	1.75A	0.99	91%	5%	50°C	90°C	L305*W30*H21
BK-HGV100B-XXV0	200-240VAC	100W	24/48V	4.2/2.1A	0.99	92.5%	5%	50°C	90°C	L305*W30*H21
BK-HGV120B-XXV0	200-240VAC	120W	24/48V	5/2.5A	0.99	93%	5%	50°C	90°C	L375*W30*H21
BK-HGV150B-XXV0	200-240VAC	150W	24/48V	6.25/3.12A	0.99	93.5%	5%	50°C	90°C	L375*W30*H21
BK-HGV200B-XXV0	200-240VAC	199.2/201.6W	48/56V	4.15/3.6A	0.99	94%	5.5%	50°C	90°C	L375*W36*H23
BK-HGV250B-XXV0	200-240VAC	250W	24/48V	10.4/5.2A	0.99	93%	5%	50°C	90°C	L405*W36*H23

XX: Output voltage, unit:V

Specifications

Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/200-240VDC
Input votage shock:	380VAC
Protection type:	Class I
Output type:	SELV
Voltage accuracy:	5%
Power on time:	<0.5s
Surge:	L-N:2KV,L/N-FG:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20°C-60°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



Wiring diagram



HEV series
CV Linear driver (ON/OFF)

Features

- Suitable for constant voltage lights or light strips
- Linear shape design, easy to install
- Flicker-free output,which meets the requirement of ErP standard
- Standby power input <0.5W, meets the requirements of ErP certification
- High PF, high efficiency and low THD
- SELV and Class I design, suitable to intallate within the luminaires
- Compliance with CE, UKCA, ENEC, RCM, EL and other certifications



Optional accessories



Model: BK-BAS008

CV, ON/OFF,
Aluminum shell built-in, Class I

Parameters

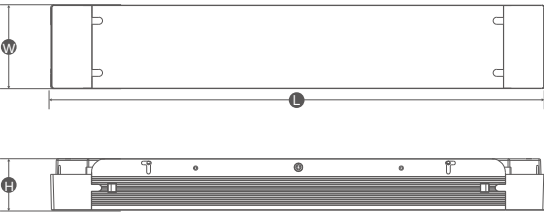
Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-HEV080-XXV0	200-240VAC/220-240VDC	81.6W	24/48V	3.4/1.7A	0.98	91%	5%	55°C	90°C	L241.5*W48*H30
BK-HEV150-XXV0	200-240VAC/220-240VDC	150W	24/48V	6.25/3.12A	0.98	92.5%	5%	55°C	90°C	L241.5*W48*H30
BK-HEV200-XXV0	200-240VAC/220-240VDC	199.2W	24/48V	8.3/4.15A	0.99	93%	5%	55°C	90°C	L281.5*W48*H30

XX: Output voltage, unit:V

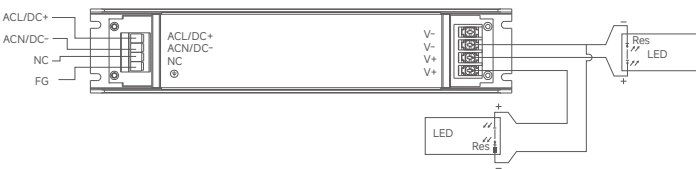
Specifications

Rated input voltage:	200-240VAC/220-240VDC
Limited voltage:	180-264VAC/200-264VDC
Input votage shock:	380VAC
Protection type:	Class I
Output type:	SELV
Voltage accuracy:	5%
Power on time:	<0.5s
Surge:	L-N:2KV,L/N-FG:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20°C-55°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



Wiring diagram

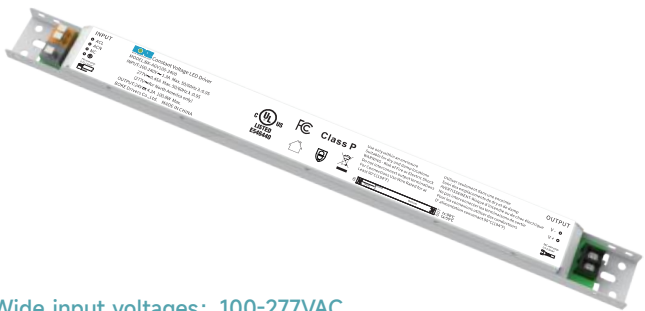


AGV series

CV Linear driver (ON/OFF)

Features

- Flicker-free output,which meets the requirement of ErP standard
- High PF, high efficiency, low THD
- SELV and Class I design, suitable to intallate within the luminaires
- Compliance with UL, Class P, FCC and other certifications



Wide input voltages: 100-277VAC
CV, ON/OFF, Iron shell inside/outside, Class I

Parameters

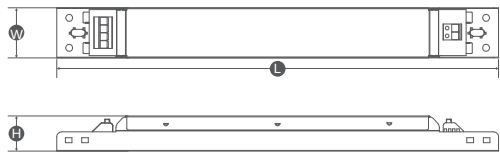
Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-AGV040-XXV0	120-277VAC	40W	24/48V	1.67/0.83A	0.99	88%	5%	60℃	90℃	L265*W30*H21
BK-AGV100-XXV0	100-277VAC	100.8W	24/48V	4.2/2.1A	0.99	92%	5%	50℃	90℃	L375*W30*H21
BK-AGV120-XXV0	100-277VAC	120W	24/48V	5/2.5A	0.99	92%	5%	50℃	90℃	L375*W30*H21
BK-AGV150-XXV0	110-277VAC	150W	24/48V	6.25/3.13A	0.99	93%	6%	50℃	90℃	L375*W30*H21
BK-AGV150-XXV0	110-277VAC	200W	24/48V	8.33/4.2A	0.99	93%	5%	50℃	90℃	L405*W36*H23

XX: Output voltage, unit:V

Specifications

Rated input voltage:	100-277VAC/110-277VAC/120-277VAC
Limited voltage:	90-305VAC/100-277VAC/108-305VAC
Input votage shock:	380VAC
Protection type:	Class I
Output type:	SELV
Voltage accuracy:	5%
Power on time:	<0.5s
Surge:	L-N:2KV, L-FG/N-FG:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-25℃-60℃
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



Wiring diagram

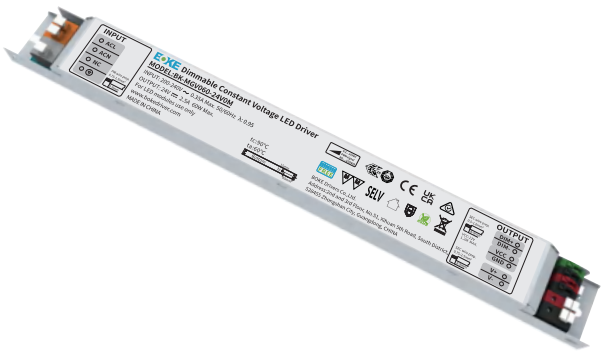


MGV series

CV Linear dimmable driver (1-10V+12V)

Features

- Support isolate interface dimming 1-10V/10V PWM/Rx dimming
- +12V auxiliary power
- Provide 12V 100mA auxiliary power supply to power control module or sensor
- Soft dimming and flicker-free at any brightness, meets the new requirements of ErP certification
- Support isolate interface dimming 1-10V/10V PWM/Rx dimming
- +12V auxiliary power
- High PF, high efficiency, low THD
- Standby power input<0.5W, meets the requirements of ErP certification
- SELV and Class I design, suitable to intallate within the luminaires
- Compliance with CE, ENEC, UKCA, RCM, CCC and other certifications



CV, 1-10V, RX, 12V, Iron shell inside/outside, Class I

Parameters

Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-MGV036-XXV0M	200-240VAC	36W	24/48V	1.5/0.75A	0.98	89%	8%	60℃	90℃	L245*W30*H21
BK-MGV060-XXV0M	200-240VAC	60/57.6W	24/48V	2.5/1.2A	0.98	91%	8%	60℃	90℃	L285*W30*H21
BK-MGV100-XXV0M	200-240VAC	100W	24/48V	4.2/2.09A	0.99	93%	5%	60℃	90℃	L355*W30*H21
BK-MGV150-XXV0M	200-240VAC	150W	24/48V	6.25/3.12A	0.99	94%	5%	60℃	90℃	L355*W36*H23

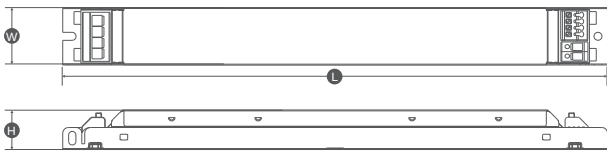
Suffix M: isolate 1-10V/10V PWM/Rx+12V

XX: Output voltage, unit:V

Specifications

Rated input voltage:	200-240VAC
Limited voltage:	180-264VAC
Input votage shock:	380VAC
Protection type:	Class I
Output type:	SELV
Voltage accuracy:	5%
Dimming range:	1-100%
Power on time:	<0.5s
Standby power:	<0.5W
Surge:	L-N:2KV,L/N-FG:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20℃-60℃
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



Wiring diagram

Suffix M: isolate 1-10V/10V PWM/Rx+12V



MEV series

CV Linear dimmable driver (1-10V+12V)

Features

- Support isolate interface dimming 1-10V/10V PWM/Rx dimming +12V auxiliary power
- Provide 12V 100mA auxiliary power supply to power control module or sensor
- Soft dimming and flicker-free at any brightness
- Dimming range 1-100%
- Standby power input <0.5W, meets the requirements of ErP certification
- High PF, high efficiency, low THD
- SELV and Class I design, suitable to intallate within the luminaires
- Compliance with CE, UKCA, ENEC, RCM, CCC, EL and other certifications



Optional accessories



Model: BK-BAS008

CV, 1-10V, RX, 12V, Aluminum shell built-in, Class I

Parameters

Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-MEV080-24V0M	200-240VAC	81.6W	24V	3.4A	0.99	90.5%	7%	55℃	90℃	L241.5*W48*H30
BK-MEV150-24V0M	200-240VAC	150W	24V	6.25A	0.99	92%	3.5%	55℃	90℃	L281.5*W48*H30
BK-MEV200-XXV0M	200-240VAC	199.2W	24/48V	8.3/4.15A	0.99	93.5%	4.5%	60℃	90℃	L321.5*W48*H30

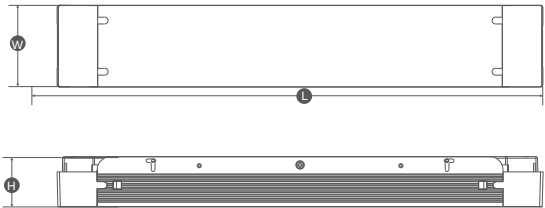
Suffix M: isolate 1-10V/10V PWM/Rx+12V

XX: Output voltage, unit:V

Specifications

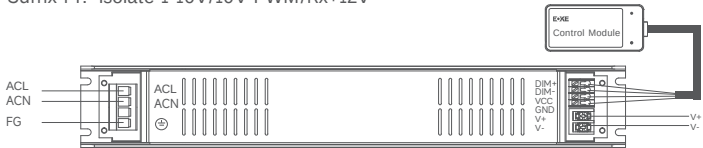
Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/200-264VDC
Input votage shock:	380VAC
Protection type:	Class I
Output type:	SELV
Voltage accuracy:	3%/4%/5%
Dimming range:	1-100%
Power on time:	<0.5s
Standby power:	<0.5W
Surge:	L-N:2KV,L/N-FG:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20℃-60℃
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



Wiring diagram

Suffix M: isolate 1-10V/10V PWM/Rx+12V



DEV series

CV Linear dimmable driver (DALI-2 DT6/1-10V+12V)

Features

- Support DALI-2/pushDIM+1-10V/10V PWM/Rx dimming +12V auxiliary power
- Provide 12V 100mA auxiliary power supply to power control module or sensor
- Soft dimming and flicker-free at any brightness
- Standby power input<0.5W, meets the requirements of ErP certification
- High PF, high efficiency, low THD
- SELV and Class I design, suitable to intallate within the luminaires
- Compliance with CE, UKCA, ENEC, RCM, CCC,EL and other certifications



Optional accessories



Model: BK-BAS008

CV, DT6, 1-10V, PUSH, 3 in 1 dimming 12V, Aluminum shell built-in, Class I

Parameters

Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-DEV080-24V0D	200-240VAC	81.6W	24V	3.4A	0.98	91%	5%	55℃	90℃	L289*W48*H30
BK-DEV150-24V0D	200-240VAC	150W	24V	6.25A	0.98	92.5%	5%	55℃	90℃	L329*W48*H30
BK-DEV200-XXV0D	200-240VAC	199.2W	24/48V	8.3/4.15A	0.98	93%	3%	60℃	90℃	L369*W48*H30

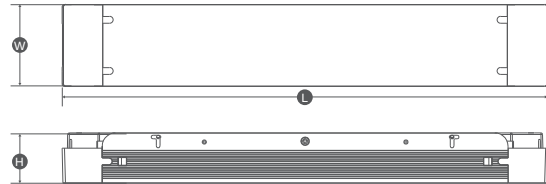
Suffix D: DALI-2+pushDIM+1-10V/10V PWM/Rx+12V

XX: Output voltage, unit:V

Specifications

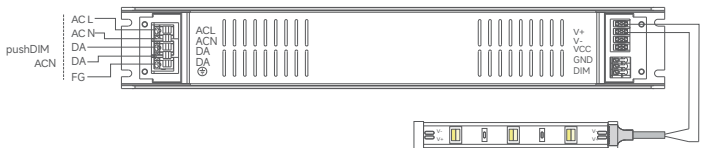
Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/180-264VDC
Input votage shock:	300VAC
Protection type:	Class I
Output type:	SELV
Voltage accuracy:	4%/5%
Dimming range:	1-100%
Power on time:	<0.7s
Surge:	L-N:2KV,L/N-FG:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20℃-60℃
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



Wiring diagram

Suffix D: DALI-2+pushDIM+1-10V/10V PWM/Rx+12V



DWV series

CV Linear tunable white driver (DALI-2 DT8)

Features

- Support DALI-2+pushDIM+pushCCT control
- 2-channels constant-voltage output; at tinting temperature, channel powers are complementary, total output power remains constant
- Soft dimming and flicker-free at any brightness, meets the new requirements of ErP certification
- Standby power input<0.5W, meets the requirements of ErP certification
- High PF, high efficiency, low THD
- Compliance with CE, UKCA, ENEC, RCM, CCC and other certifications



CV, DT8 CCT, PUSH, Iron shell inside/outside, Class I

Parameters

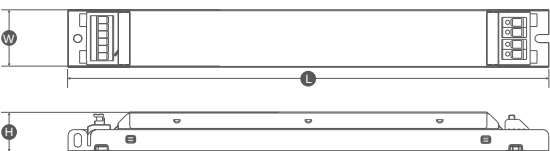
Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-DWV100-24V0D	200-240VAC	100W	24V	4.17A	0.99	94%	5%	60°C	95°C	L355*W36*H23
BK-DWV150-24V0D	200-240VAC	150W	24V	6.25A	0.99	94%	4%	60°C	90°C	L355*W36*H23

Suffix D: DALI-2+pushDIM+pushCCT

Specifications

Rated input voltage:	200-240VAC
Limited voltage:	180-264VAC
Input votage shock:	300VAC
Protection type:	Class I
Output type:	SELV
Voltage accuracy:	4%
Dimming range:	1-100%
Power on time:	<0.7s
Standby power:	<0.5W
Surge:	L-N:2KV,L/N-FG:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20°C-60°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



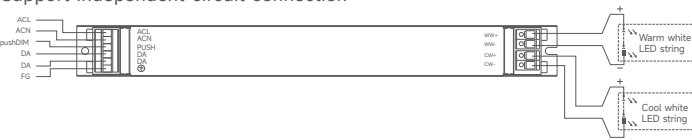
Wiring diagram

Suffix D: DALI-2+pushDIM+pushCCT

Support common anode circuit connection



Support independent circuit connection



DCV series

CV Linear tunable white driver (DALI-2 DT8)

Features

- Support DALI-2+pushDIM+pushCCT control
- 2-channels constant-voltage output; at tinting temperature, channel powers are complementary, total output power remains constant
- Soft dimming and flicker-free at any brightness, meets the new requirements of ErP certification
- Standby power input<0.5W, meets the requirements of ErP certification
- High PF, high efficiency, low THD
- SELV and Class I design, suitable to intallate within the luminaires
- Compliance with CE, ENEC, UKCA, RCM, DALI-2 and other certifications



Optional accessories



Model: BK-BAS008

CV, DT8 CCT, PUSH, Aluminum shell built-in, Class I

Parameters

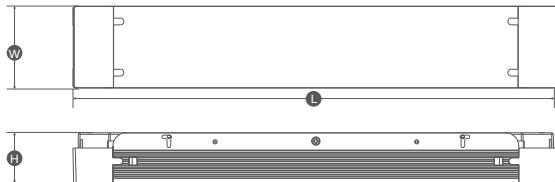
Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-DCV080-24V0D	200-240VAC	81.6W	24V	3.4A	0.99	90.5%	6%	55°C	90°C	L241.5*W48*H30
BK-DCV150-24V0D	200-240VAC	150W	24V	6.25A	0.99	90.5%	5%	55°C	90°C	L281.5*W48*H30
BK-DCV200-24V0D	200-240VAC	199.2W	24V	8.3A	0.99	92%	3%	60°C	90°C	L321.5*W48*H30

Suffix D: DALI-2+pushDIM+pushCCT

Specifications

Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/180-264VDC
Input votage shock:	380VAC
Protection type:	Class I
Output type:	SELV
Voltage accuracy:	4%/5%
Dimming range:	1-100%
Power on time:	<0.7s
Standby power:	<0.5W
Surge:	L-N:2KV,L/N-FG:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20°C-60°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

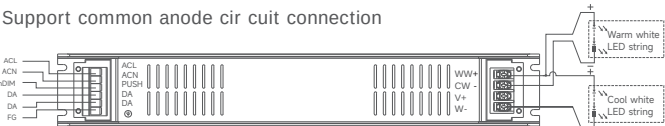
Dimension(unit:mm)



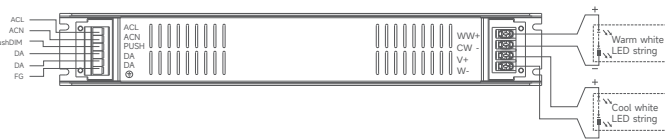
Wiring diagram

Suffix D: DALI-2+pushDIM+pushCCT

Support common anode cir cuit connection

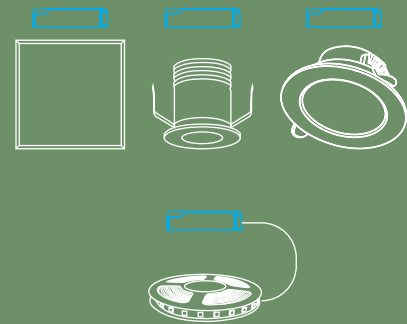
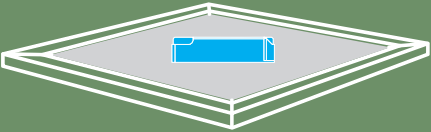


Support independent cir cuit connection



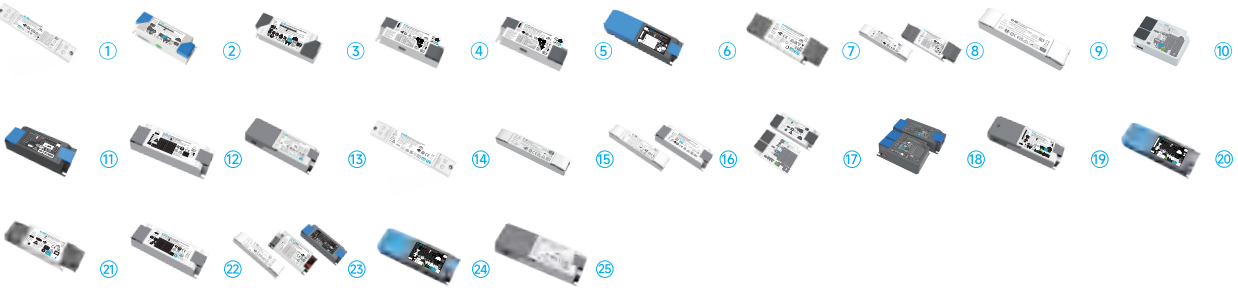
Independent driver series

- Suitable for lights with external drivers, such as spotlights, downlights, panel lights, etc.
- Support DALI-2/push DIM/1-10V wireless and other dimming methods.
- 9W-200W DT6 (DIM) DT8 (CCT) optional.



Series specifications

CC Isolation



CC series	Picture	Dimmable	Features	Power (W)	Page
BPL (S)	1	ON/OFF	DIP switch、NFC programmable、Independent/built in	36-40	75
BEL	2	ON/OFF	Dual-stage circuit	9-60	76
BSL	3	ON/OFF	Two-stage isolation、Hight efficiency	22-42	77
PBL (E)	4	ON/OFF	DIP switch、Two-stage isolation	10-40	78
PBL (S)	5	ON/OFF	DIP switch、Hight efficiency	13-60	79
PSL (L)	6	ON/OFF	DIP switch、Hight efficiency	12-42	80
BQL (S)	7	ON/OFF	DIP switch、NFC programmable、Independent/built in	42	81
TCL (E)	8	Triac	DIP switch、Slim design、Dimming depth 5%	10-40	74
MCL (S)	9	1-10V/PWM/Rx	NFC programmable、Ultra small size、Dimming depth 1%	15	73
KUL	10	1-10V/PWM/Rx	DIP switch、Dimming depth 5%	30-60	83
MUL	11	1-10V/PWM/Rx	DIP switch、Dimming depth 1%	10-22	84
WAL (E)	12	1-10V/PWM/Rx/12V	DIP switch、Dimming depth 1%、12V	22-60	82
DLL (S)	13	DALI-2 DT8+D4i	DALI & NFC programmable、EnergyData、Dimming depth 0.1%	40	70
DPL (S)	14	DALI-2 DT6/pushDIM	DALI & NFC programmable、EnergyData	36	71
DCL (S)	15	DALI-2 DT6/pushDIM	DALI & NFC programmable、EnergyData、Ultra-thin housing	10-15	72
DKL	16	DALI-2 DT6/pushDIM	DIP switch、DALI & NFC programmable、EnergyData、Dimming depth 1%	10-60	86
DEL	17	DALI-2 DT6/pushDIM	DIP switch、Dimming depth 1%	10-60	87
DUL	18	DALI-2 DT6/pushDIM	DIP switch、DALI & NFC programmable、EnergyData、Dimming depth 1%	10-60	85
DDL (E)	19	DALI-2 DT6/pushDIM	DALI & NFC programmable、EnergyData、Dimming depth 1%	40	88
DDL (S)	20	DALI-2 DT6/pushDIM	DIP switch、DALI & NFC programmable、EnergyData、Dimming depth 0.1%	42	89
DQL (S)	21	DALI-2 DT6/pushDIM	DIP switch、DALI & NFC programmable、EnergyData、Dimming depth 0.1%	30-42	90
DWL (E)	22	DALI-2 DT8/pushDIM/pushCCT	DIP switch、DALI & NFC programmable、EnergyData、Dimming depth 1%	22-40	91
DWL (S)	23	DALI-2 DT8/pushDIM/pushCCT	DIP switch、DALI & NFC programmable、EnergyData、Dimming depth 0.1%	10-60	92
DVL (S)	24	DALI-2 DT8/pushDIM/pushCCT	DIP switch、DALI & NFC programmable、EnergyData、Dimming depth 0.1%	40	93
DFL (S)	25	DALI-2 DT6+D4i	DIP switch、DALI & NFC programmable、Dimming depth 1%	40	94

CV Isolation



CV series	Picture	Dimmable	Features	Power (W)	Page
PGV	1	ON/OFF	Two-stage isolation、Ultra-thin housing	20-150	95
LGV	2	ON/OFF	Power adapter	96-200	96
DDV (S)	3	DALI-2 DT8/push DIM/push CCT	DALI & NFC programmable、Dimming depth 0.1%	80-240	54
DBV (S)	4	DALI-2 DT6/push DIM	DALI & NFC programmable、Dimming depth 0.1%	80-240	55

CC Isolation



CC series	Picture	Dimmable	Features	Power (W)	Page
CAPS01	1	Casambi Ready	12-24V input/10V PWM (1-10V output)	-	97
WAL (S)	2	Casambi Ready	Dimming depth 1%、NFC programmable、EnergyData、DIP switch	22-60	98
WQL (S)	3	Casambi Ready	NFC programmable、EnergyData、DIP switch、Dimming depth 0.1%	42	99

DLL (S) series
CC Independent dimmable driver (DALI-2 DT8+D4i)

NEW

Features

- Support DALI-2 DT8+D4i dimming mode
- 16 levels current output can be realized by DIP-switch
- Support EnergyData function and energy-reporting reading (DALI Part 252)
- Support Luminaire data reading (DALI Part251), support diagnostics-maintenance reading (DALI Part253)
- Support advanced functions such as EL, CLO
- The output current programming can be realized through the DALI interface and the NFC interface
- Quickly install the sensor and the wireless control module through the D4i interface
- Dual-channel input terminal design supports hand-in-hand, junction box-free, and quick serial wiring
- Soft dimming and flicker-free at any brightness, meets the new requirements of ErP certification
- Using HPC patented technology, the brightness can remain same when dimming
- Intelligent LED hot-plug protection function
- SELV and Class II design, suitable for external installation of the luminaires
- Compliance with CE, ENEC, UKCA, RCM, DALI-2, CCC, EL and other certifications



Parameters

Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-DLL040S-AHA1050ADP	200-240VAC	40W	6-54V	0.3-1.05A	0.98	89%	8%	45°C	85°C	L172*W57.5*H30
BK-DLL040S-AHA1050ADN	200-240VAC	40W	6-54V	0.15-1.05A	0.98	89%	8%	45°C	85°C	L172*W57.5*H30

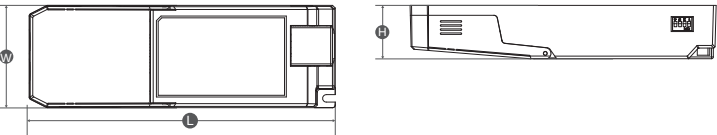
Suffix DP: DALI-2+D4i+EnergyData+EL+CLO+DALI programmable

Suffix DN: DALI-2+D4i+EnergyData+EL+CLO+DALI programmable+NFC programmable

Specifications

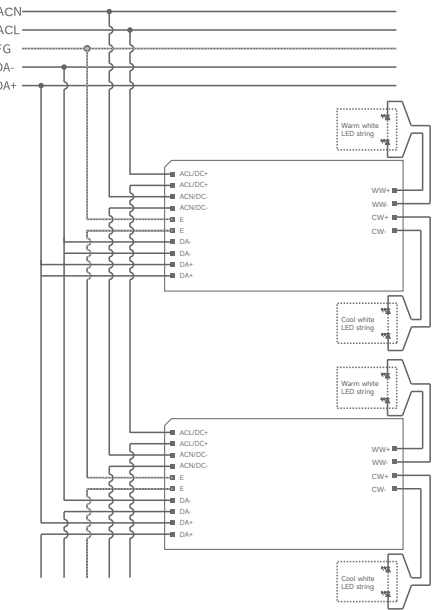
Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/180-264VDC
Input votage shock:	380V
Protection type:	Class II
Output type:	SELV
Output current accuracy:	2%
Dimming range:	0.1-100%
Power on time:	<0.75s
Standby power:	<0.5W
No load output voltage:	60VDC
Surge:	L-N:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20°C-50°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



DT8 D4i

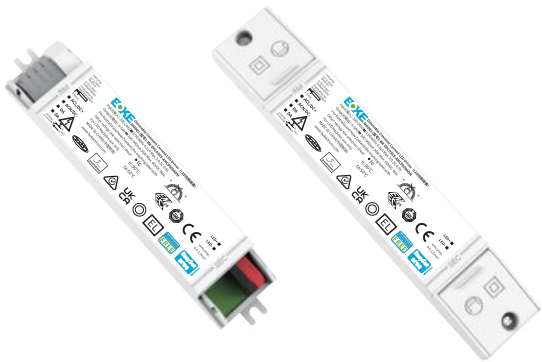
Wiring diagram



DPL (S) series
CC Independent dimmable driver (DALI-2 DT6)

Features

- Support DALI-2+push DIM mode
- 16 levels current output can be realized by DIP switch
- Support EnergyData function and energy-reporting reading (DALI Part 252)
- Support luminaire data reading (DALI Part 251), support diagnostics-maintenance reading (DALI Part 253)
- Support advanced functions such as corridorDIM, EL, CLO
- The output current programming can be realized through the DALI interface and the NFC interface
- Soft dimming and flicker-free at any brightness, meets the new requirements of ErP certification
- Using HPC patented technology, the brightness can remain same when dimming
- Standby power input<0.5W, meets the requirements of ErP certification
- High PF, high efficiency, low THD
- Intelligent LED hot-plug protection function
- SELV and Class II design, suitable for external/ internal installation of the luminaires
- Compliance with Zhaga Book 24/25 standards
- Compliance with CE, ENEC, UKCA, RCM, DALI-2, CCC, EL and other certifications



DT6, PUSH, Independent/built in

Parameters

Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-DPL036S-AHC0900ADP	200-240VAC	36W	6-50V	0.15-0.9A	0.98	90%	10%	50°C	90°C	L145.5*W30*H21.4(Built in) L163.5*W30*H21.4(Independent)
BK-DPL036S-AHC0900ADN	200-240VAC	36W	6-50V	0.1-0.9A	0.98	90%	10%	50°C	90°C	L145.5*W30*H21.4(Built in) L163.5*W30*H21.4(Independent)

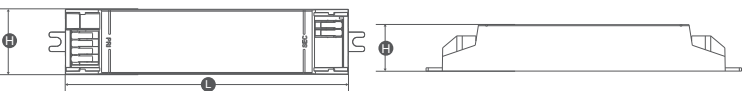
Suffix DP: DALI-2+pushDIM+EnergyData+EL+CLO+corridorDIM+DALI programmable

SuffixDN: DALI-2+pushDIM+EnergyData+EL+CLO+corridorDIM+DALI programmable+NFC programmable

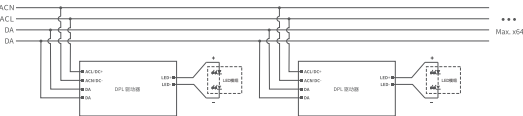
Specifications

Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/180-264VDC
Input votage shock:	380V
Protection type:	Class II
Output type:	SELV
Output current accuracy:	5%
Dimming range:	0.1-100%
Power on time:	<0.7s
No load output voltage:	60VDC
Surge:	L-N:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20°C-50°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

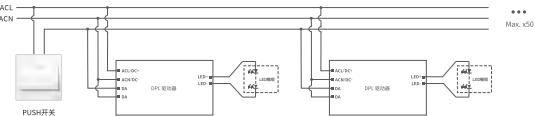
Dimension(unit:mm)



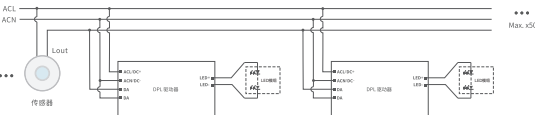
Wiring diagram
DALI-2



pushDIM



corridorDIM



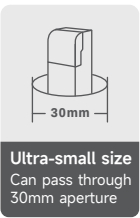
DCL (S) series
CC Independent dimmable driver (DALI-2 DT6)

Features

- Support DALI-2+pushDIM mode
- Slim shape design, can be installed through a 30mm mounting hole
- Support EnergyData function and energy-reporting reading (DALI Part 252)
- Support luminaire data reading(DALI Part 251), support diagnostics-maintenance reading (DALI Part 253)
- Support advanced functions such as corridorDIM, EL, CLO
- The output current programming can be realized through the DALI interface or NFC interface
- Soft dimming and flicker-free at any brightness, meets the new requirements of ErP certification
- Using HPC patented technology, the brightness can remain same when dimming
- Standby power input <0.5W,meets the ErP requirements of new certification
- High PF, high efficiency, low THD
- Standby power input<0.5W, meets the requirements of ErP certification
- Intelligent LED hot-plug protection function
- Screw-free and pressing type strain relief and easier to install
- SELV and Class II design, suitable for external installation of the luminaires
- Compliance with CE, ENEC, UKCA, RCM, DALI-2, CCC, EL and other certifications



DT6, PUSH, Ultra small size



Parameters

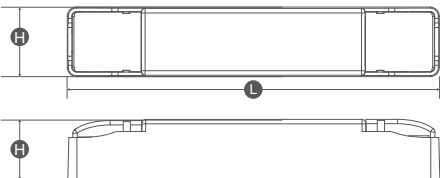
Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-DCL010S-AHA0700AXX	200-240VAC	10W	2.5-42V	0.1-0.7A	0.92	85%	17%	60°C	85°C	L123*W23*H20
BK-DCL015S-AHA0800AXX	200-240VAC	15.4W	2.5-42V	0.1-0.8A	0.96	86%	10%	60°C	85°C	L129*W29.5*H20
BK-DCL022S-AHA1050AXX	200-240VAC	22.8W	2.5-42V	0.1-1.05A	0.97	87.5%	7%	45°C	90°C	L142*W39*H23

SuffixDN: DALI-2+pushDIM+EnergyData+EL+CLO+corridorDIM+DALI programmable+NFC programmable

Specifications

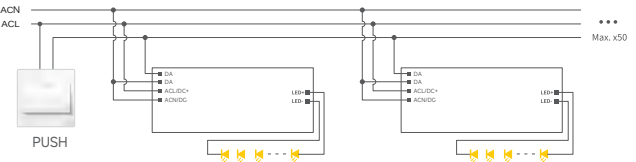
Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/180-264VDC
Input votage shock:	380VAC
Protection type:	Class II
Output type:	SELV
Output current accuracy:	5%
Dimming range:	0.1-100%
Power on time:	<0.75s
Standby power:	<0.5W
Surge:	L-N:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20°C-60°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)

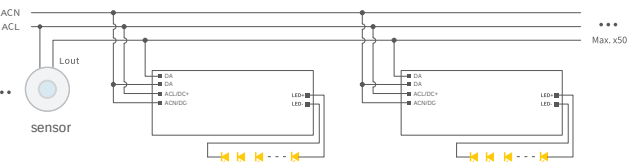


Wiring diagram

pushDIM



corridorDIM



MCL (S) series
CC Independent dimmable didriver (1-10V)

Features

- Support 0/1-10V/10V PWM/Rx dimming mode
- Slim shape design,can be installed through a 35mm mounting hole
- The output current programming can be realized through the NFC interface
- Soft dimming and flicker-free at any brightness, meets the new requirements of ErP certification
- Using HPC patented technology, the brightness can remain same when dimming
- Standby power input<0.5W, meets the requirements of ErP certification
- High PF, high efficiency, low THD
- Screw-free and pressing type strain relief and easier to install
- Intelligent LED hot-plug protection function
- SELV and Class II design, suitable for external installation of the luminaires
- Compliance with Zhaga Book 24/25 standards
- Compliance with CE, ENEC, UKCA, RCM, EL and other certifications



0/1-10V,Rx, Ultra-small size

Parameters

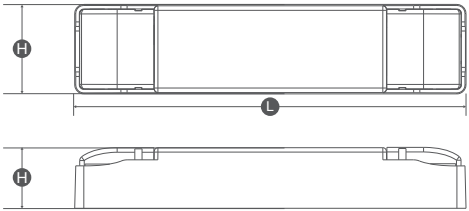
Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-MCL015S-AHA0700AMN	200-240VAC	15W	2.5-42V	0.1-0.7A	0.97	86%	9%	60°C	85°C	L129*W29.5*H20

Suffix MN: 0/1-10V/10V PWM/Rx+NFC programmable

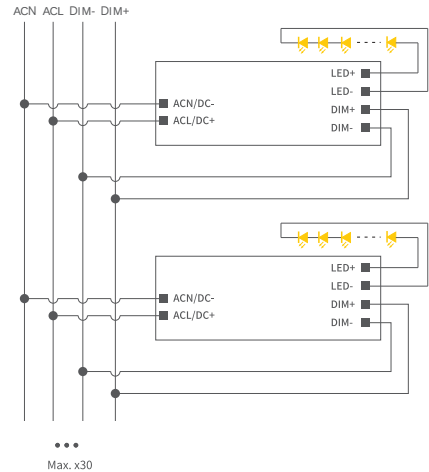
Specifications

Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/180-264VDC
Input votage shock:	380VAC
Protection type:	Class II
Output type:	SELV
Output current accuracy:	5%
Dimming range:	0.1-100%
Power on time:	<0.5s
No load output voltage:	69VDC
Surge:	L-N:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20°C-60°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



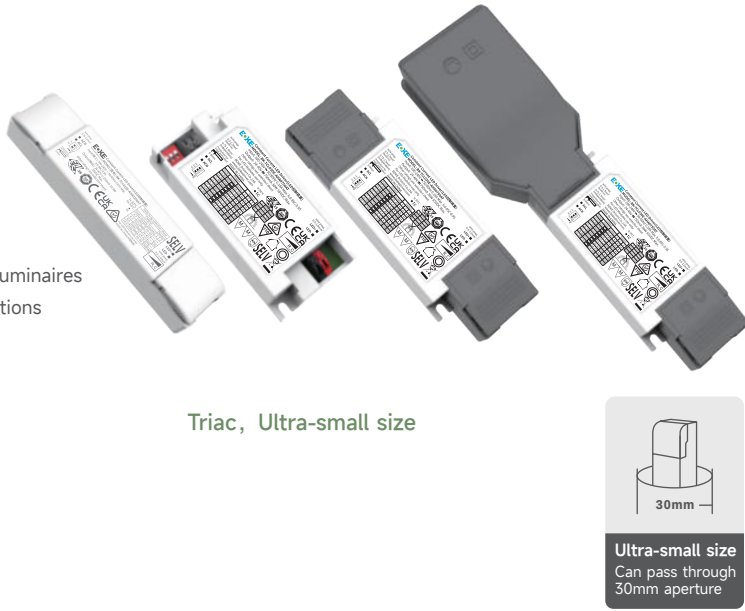
Wiring diagram



TCL (E) series
CC Independent driver (TRIAC)

Features

- Support TRIAC dimming mode
- Ultra-small size,can be installed through a 30mm mounting hole
- Soft dimming and flicker-free at any brightness, meets the new requirements of ErP certification
- Screw-free and pressing type strain relief and easier to install
- SELV and Class II design, suitable for external installation of the luminaires
- Compliance with CE, ENEC, UKCA, RCM, CCC and other certifications



Triac, Ultra-small size

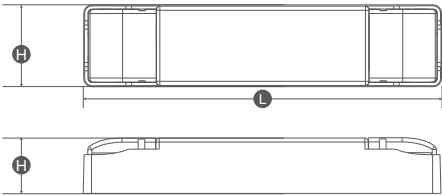
Parameters

Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-TCL010E-AHA0250AT	200-240VAC	10.5W	24-42V	0.1-0.25A	0.96	82%	17.5%	50°C	85°C	L123*W23*H20
BK-TCL015E-AHA0350AT	200-240VAC	14.7W	24-42V	0.2-0.35A	0.95	84%	19%	50°C	85°C	L129*W29.5*H20
BK-TCL020E-AHA0500AT	200-240VAC	20W	24-42V	0.35-0.5A	0.97	85%	16%	50°C	90°C	L129*W29.5*H20
BK-TCL030E-AHA0750AT	200-240VAC	30W	24-42V	0.4-0.75A	0.96	82%	17.5%	50°C	85°C	L97.5*W44*H23.4 (Built-in) L137.5*W44*H23.4 (Independent)
BK-TCL040E-AHA1050AT	200-240VAC	40W	24-42V	0.7-1.05A	0.95	84%	19%	50°C	85°C	L97.5*W44*H23.4 (Built-in) L137.5*W44*H23.4 (Independent)

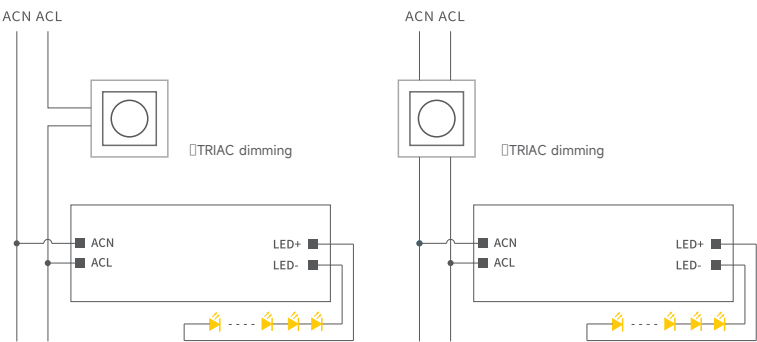
Specifications

Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/180-264VDC
Input votage shock:	380VAC
Protection type:	Class II
Output type:	SELV
Output current accuracy:	10%
Dimming range:	5-100%
Power on time:	<0.5s
Surge:	L-N:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20°C-50°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



Wiring diagram



BPL (S) series
CC Independent driver (ON/OFF)

Features

- 16 levels current output can be realized by DIP switch
- Flicker-free output,which meets the requirement of ErP standard
- High PF, high efficiency, low THD
- Compact housing design
- Compliance with Zhaga Book 24/25 standards
- SELV and Class II design, suitable for external/installation of the luminaires
- Compliance with CE, ENEC, UKCA, RCM, CCC, EL and other certifications



Compact housing design, NFC programming

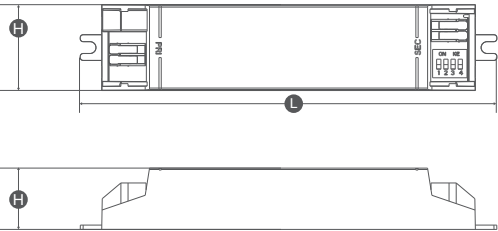
Parameters

Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-BPL036S-AHC0900AN	200-240VAC	36W	6-50V	0.1-0.9A	0.98	90%	10%	50°C	90°C	L145.5*W30*H21.4 (Built-in) L163.5*W30*H21.4 (Independent)
BK-BPL040S-AHC1050AS	200-240VAC	40W	3-49V	0.3-1.05A	0.98	91%	8%	60°C	90°C	L145.5*W30*H21.4 (Built-in) L163.5*W30*H21.4 (Independent)

Specifications

Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/180-264VDC
Input votage shock:	380VAC
Protection type:	Class II
Output type:	SELV
Output current accuracy:5%	
Power on time:	<0.5s
No load output voltage:	60VDC
Surge:	L-N:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20°C-60°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



BEL series
CC Independent driver (ON/OFF)

Features

- Flicker-free output, which meets the requirement of ErP standard
- Screw-free design, easy wiring
- Withstand 380VAC high voltage short-time shock
- Pushable strain relief design,easy to crimp and install
- Compact housing design
- Dual-stage circuit design, work stable
- High PF, high efficiency
- SELV and Class II design, suitable for external installation of the luminaires
- Passed CE, ENEC, UKCA, RCM, CCC, EL and other certifications



ON/OFF, Fixed current

Parameters

Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-BEL009-B0250A	200-240VAC	10.5W	30-42V	0.15-0.25A	0.96	83.5%	13%	60°C	85°C	L95*W36.5*H24
BK-BEL013-B0350A	200-240VAC	14W	30-42V	0.3-0.35A	0.96	84%	12%	50°C	85°C	L95*W36.5*H24
BK-BEL018-A0450A	200-240VAC	18W	28-42V	0.35-0.45A	0.96	88%	9%	50°C	85°C	L114.5*W41*H24.5
BK-BEL022-A0600A	200-240VAC	22.8W	28-42V	0.45-0.6A	0.97	87%	11%	50°C	85°C	L114.5*W41*H24.5
BK-BEL022-D0600A	200-240VAC	22.8W	28-42V	0.1-0.6A	0.98	88%	5%	45°C	80°C	L114.5*W41*H24.5
BK-BEL040-C1000A	200-240VAC	40W	30-42V	0.6-1A	t0.97	88.5%	11%	45°C	90°C	L119*W42.5*H28
BK-BEL040-C1000A4	220-240VAC	40W	30-42V	0.6-1A	0.97	88.5%	11%	45°C	90°C	L119*W42.5*H28
BK-BEL040-D1000A	200-240VAC	40W	28-42V	0.5-1A	0.98	89.5%	7%	45°C	80°C	L119*W42.5*H28
BK-BEL042-A1100A	200-240VAC	42W	28-42V	1-1.1A	0.97	88%	10%	45°C	90°C	L135*W45*H29
BK-BEL050-A1250A	200-240VAC	50.4W	28-42V	1.05-1.25A	0.97	89%	9%	45°C	90°C	L135*W45*H29
BK-BEL060-A1650A	200-240VAC	63W	28-42V	1.25-1.65A	0.97	89.5%	8%	45°C	90°C	L156*W50*H32

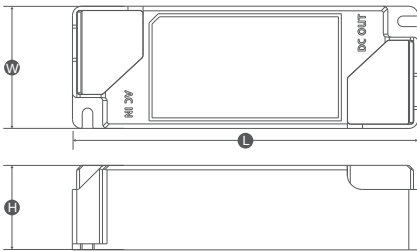
Output voltage:the output voltage may decrease when the output current approaches its maximum

Suffix 4: IP40

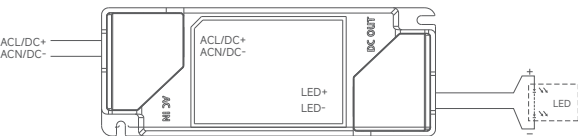
Specifications

Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/180-264VDC
Input votage shock:	380VAC
Protection type:	Class II
Output type:	SELV
Output current accuracy:5%	
Power on time:	<0.5s
No load output voltage:	50VDC
Surge:	L-N:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20°C-60°C
Protection class:	IP20/IP40
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



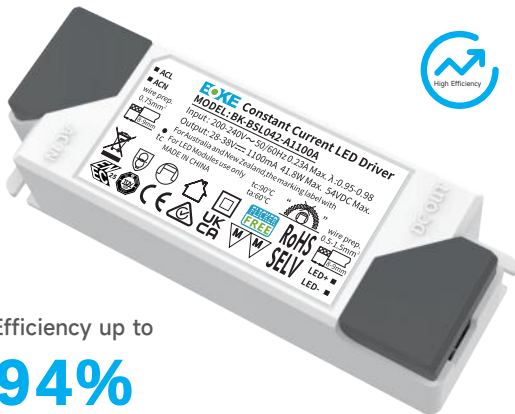
Wiring diagram



BSL series
CC Independent driver (ON/OFF/Ultra-high efficiency)

Features

- Efficiency up to 94%, Energy saving 30%
- Two-stage isolation, more stable and safer
- Working ambient temperature up to 60°C, ultrahigh environmental adaptability
- Withstand 380VAC high voltage short-time shock
- Flicker-free output, which meets the requirement of ErP standard
- The output voltage can reach to 54V
- Screw-free design, easy wiring
- Pushable strain relief design
- High PF, high efficiency
- SELV and Class II design, suitable for external installation of the luminaires
- Passed CE, ENEC, UKCA, RCM, CCC and other certifications



Efficiency up to
94%

Efficiency up to 94%, Fixed current

Parameters

Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-BSL022-A0600A	200-240VAC	25.2W	28-42V	0.3-0.6A	0.98	94%	7.5%	60°C	90°C	L119*W42.5*H28
BK-BSL042-A1100A	200-240VAC	42W	28-38/40/42V	0.5-1.1A	0.98	94%	8%	60°C	90°C	L119*W42.5*H28
BK-BSL042-A0900B	200-240VAC	40.5W	36-45/48/54V	0.4-0.9A	0.98	94%	5.9%	60°C	90°C	L119*W42.5*H28

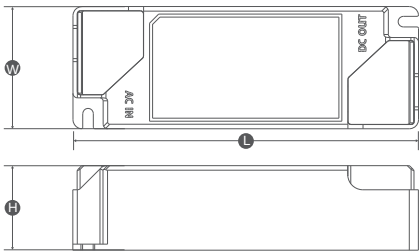
Output voltage:the output voltage may decrease when the output current approaches its maximum

Specifications

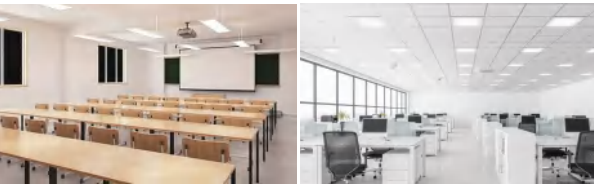
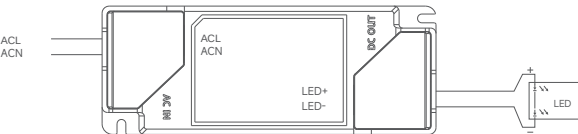
Rated input voltage:	200-240VAC
Limited voltage:	180-264VAC
Input votage shock:	380VAC
Protection type:	Class II
Output type:	SELV
Output current accuracy:	5%
No load output voltage:	54VDC/60VDC
Surge:	L-N:1KV,L-N:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20°C-60°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Ultra-high efficiency | High stability | High cost performance
| Reduce carbon emissions | Ultra-high environmental adaptability Isolation safety
| Anti 380V interference impact | Lightning resistant 2KV |
| Adapt to 60°C environment

Dimension(unit:mm)



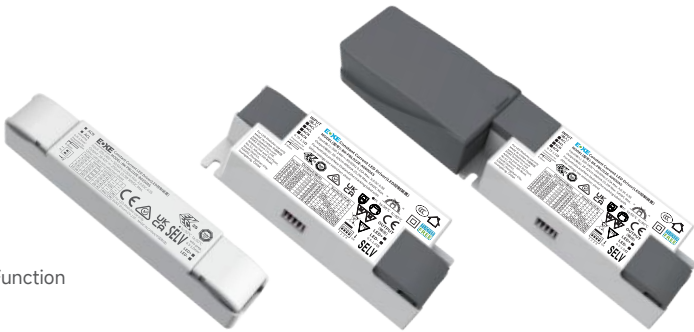
Wiring diagram



PBL (E) series
CC Independent driver (ON/OFF)

Features

- 6/7/11/16 levels current output can be realized by DIP switch
- Flicker-free output, which meets the requirement of ErP standard
- Two-stage and isolation, more stable and safer
- Screw-free design, easy wiring
- Dual input terminal design, support loop-in and loop-out wiring without junction box
- Optional Junction Box: Support up to 2.5mm² Cable and Loop-through Function
- High PF, low THD
- SELV and Class II design, suitable for external/ internal installation of the luminaires
- Compliance with CE, UKCA, ENEC, RCM, CCC and other certifications



Adjustable current, external junction box

Parameters

Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-PBL010E-B0250AS	200-240VAC	10.5W	28-42V	0.1-0.25A	0.97	85%	6%	60°C	90°C	L123*W23*H20
BK-PBL010E-B0350BS	200-240VAC	7.7W	15-22V	0.2-0.35A	0.95	83%	7%	60°C	90°C	L123*W23*H20
BK-PBL013E-B0350AS	200-240VAC	13.3W	28-42V	0.2-0.35A	0.97	86%	6%	60°C	90°C	L123*W23*H20
BK-PBL013E-B0500BS	200-240VAC	11W	15-22V	0.35-0.5A	0.97	84.5%	5%	60°C	90°C	L123*W23*H20
BK-PBL022E-B0600AS	200-240VAC	22.8W	28-42V	0.3-0.6A	0.98	88.5%	5%	50°C	90°C	L129*W29.5*H20
BK-PBL022E-A0450AX(X)	200-240VAC	18.9W	28-42V	0.2-0.45A	0.98	88.5%	5%	50°C	80°C	L123*W46*H30
BK-PBL022E-A0600AX(X)	200-240VAC	25.2W	28-42V	0.3-0.6A	0.98	89%	8%	50°C	80°C	L123*W46*H30
BK-PBL040E-A0900AX(X)	200-240VAC	37.8W	28-42V	0.4-0.9A	0.98	89.8%	7.5%	45°C	80°C	L123*W46*H30
BK-PBL040E-A1000AX(X)	200-240VAC	40W	28-42V	0.5-1A	0.98	90%	7%	45°C	80°C	L123*W46*H30

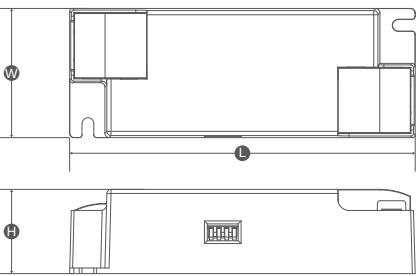
Suffix X(X)=S: Integrated DIP switch

Suffix X(X)=S: Integrated DIP switch+Supports DC input

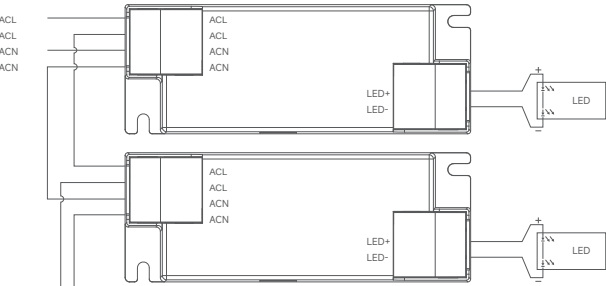
Specifications

Rated input voltage:	200-240VAC
Limited voltage:	180-264VAC
Input votage shock:	380VAC
Protection type:	Class II
Output type:	SELV
Output current accuracy:	5%
Power on time:	<0.5s
No load output voltage:	54VDC
Surge:	L-N:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20°C-50°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



Wiring diagram

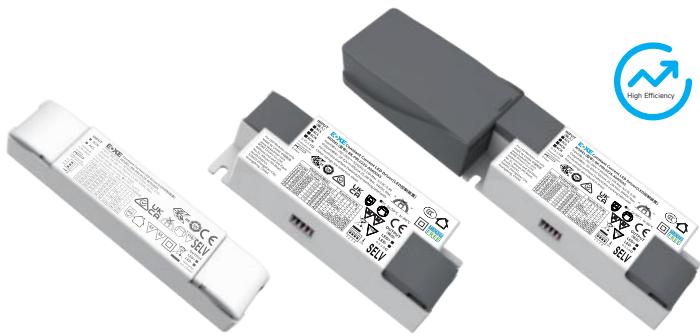


Loop-in and loop-out wiring

PBL (S) series
CC Independent driver (ON/OFF)

Features

- 5/7/11/13 levels current output can be realized by DIP switch
- Flicker-free output, which meets the requirement of ErP standard
- Two-stage and isolation, more stable and safer
- Withstand 380VAC high voltage short-time shock
- Screw-free design, easy wiring
- Dual input terminal design, Support loop-in and loop-out wiring without junction box
- Optional Junction Box: Support up to 2.5mm² Cable and Loop-through Function
- High PF, high efficiency,low THD
- Screw-free design, easy wiring
- SELV and Class II design, suitable for external/ internal installation of the luminaires
- Compliance with CE, UKCA, ENEC, RCM, CCC and other certifications



Efficiency up to
94%

Efficiency up to 94%, Adjustable current,
PRO, external junction box

Parameters

Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-PBL013S-B0350AS	200-240VAC	13.3W	28-42V	0.1-0.35A	0.97	90%	7%	60°C	80°C	L129*W29.5*H20
BK-PBL022S-A0300AX(X)	200-240VAC	12.6W	28-42V	0.1-0.3A	0.97	91.5%	10%	50°C	80°C	L123*W46*H30
BK-PBL022S-A0600AX(X)	200-240VAC	25.2W	28-42V	0.3-0.6A	0.99	93%	8%	50°C	80°C	L123*W46*H30
BK-PBL040S-A0900BX(X)	200-240VAC	41.6W	36-54V	0.4-0.9A	0.98	94%	7%	45°C	80°C	L123*W46*H30
BK-PBL040S-A1100AX(X)	200-240VAC	41.8W	28-42V	0.5-1.1A	0.98	93.5%	8%	45°C	80°C	L123*W46*H30
BK-PBL060S-A1650AX(X)	200-240VAC	63W	28-42V	0.9-1.65A	0.98	94%	7%	45°C	80°C	L142*W50*H30

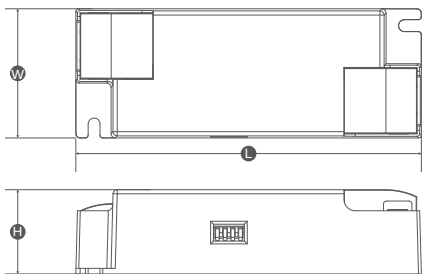
Suffix X(X)=S: Integrated DIP switch

Suffix X(X)=SE: Integrated DIP switch+Supports DC input

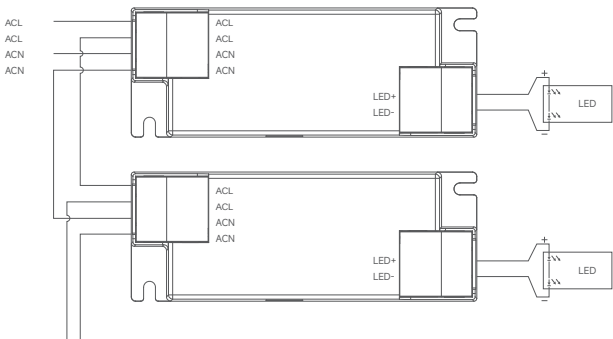
Specifications

Rated input voltage:	200-240VAC
Limited voltage:	180-264VAC
Input votage shock:	380VAC
Protection type:	Class II
Output type:	SELV
Output current accuracy:	5%
Power on time:	<0.5s
No load output voltage:	54VDC/60VDC
Surge:	L-N:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20°C-50°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



Wiring diagram

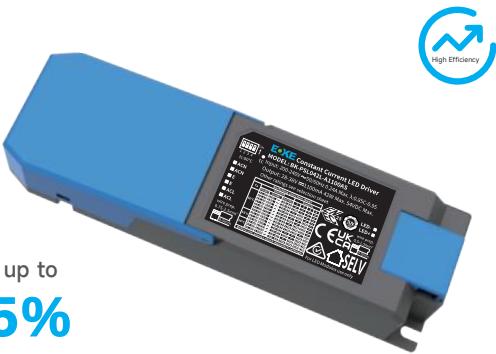


Loop-in and loop-out wiring

PSL (L) series
CC Independent driver (ON/OFF)

Features

- 3/5/13 levels current output can be realized by DIP switch
- Flicker-free output, which meets the requirement of ErP standard
- Two-stage and isolation,more stable and safer
- Dual-stage circuit design, loop-in and loop-out wiring without junction box
- Screw-free and pressing type strain relief, supports thicker cables and is easier to install
- High PF, high efficiency
- Compact housing design
- SELV and Class II design, suitable for external installation of the luminaires
- Passed CE, ENEC, UKCA, RCM, CCC and other certifications



Efficiency up to
92.5%

Efficiency up to 92.5%, Adjustable current,
Loop in loop out

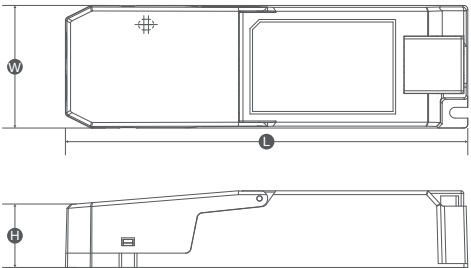
Parameters

Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-PSL012L-A0300AS	200-240VAC	12.6W	28-42V	0.2-0.3A	0.97	89%	9%	60°C	80°C	L157*W48*H30
BK-PSL022L-A0500AS	200-240VAC	21W	28-42V	0.3-0.5A	0.96	91%	10%	60°C	80°C	L157*W48*H30
BK-PSL042L-A1100AS	200-240VAC	42W	28-42V	0.5-1.1A	0.98	92.5%	8.5%	60°C	80°C	L157*W48*H30

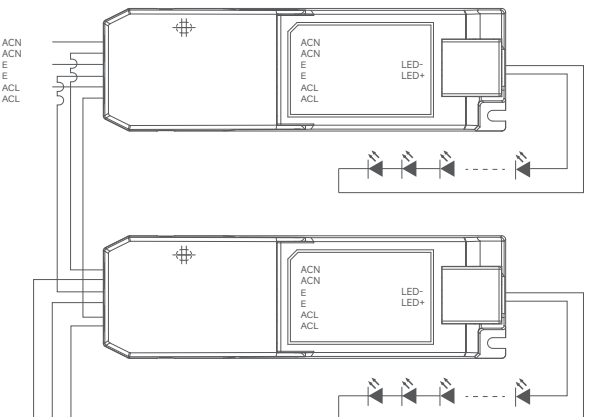
Specifications

Rated input voltage:	200-240VAC
Limited voltage:	180-264VAC
Input votage shock:	380VAC
Protection type:	Class II
Output type:	SELV
Output current accuracy:	5%
Output current accuracy:	<0.5s
No load output voltage:	54VDC
Surge:	L-N:1KV,L-N:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20°C-60°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



Wiring diagram



Loop-in and loop-out wiring

BQL (S) series
CC Independent driver (ON/OFF)

Features

- 16 levels current output can be realized by DIP switch
- The output current and related parameters of the driver programming can be realized through the NFC interface
- Flicker-free output, which meets the requirement of ErP standard
- Screw-free design, easy wiring
- Optional Junction box:support up to 2.5mm² cable and loop-through function
- Screw-free design, easy wiring
- High PF, high efficiency,low THD
- Pushable strain relief design, easy to crimp and install
- SELV and Class II design, suitable for external installation of the luminaires
- Compliance with Zhaga Book 24/25 standards
- Compliance with CE, ENEC, UKCA, RCM, CCC, EL and other certifications



Efficiency up to
91.5%

Adjustable current, Loop in loop out
Optional independent/built-in, Optional junction box

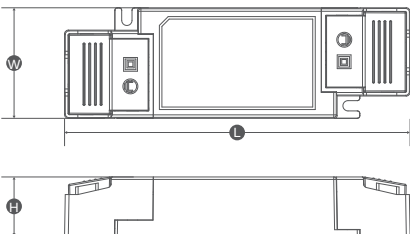
Parameters

Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-BQL042S-AHC1050AS	200-240VAC	42W	3-49V	0.3-1.05A	0.97	91.5%	9%	60°C	85°C	L137.5*W44*H23.4 (Independent)
BK-BQL042S-AHC1050BN	200-240VAC	42W	6-54V	0.1-1.05A	0.97	91.5%	9%	60°C	85°C	L137.5*W44*H23.4 (Independent)

Specifications

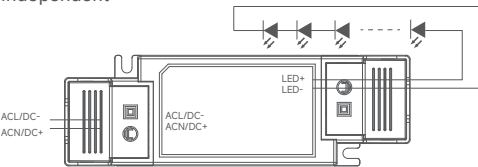
Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/180-264VDC
Input votage shock:	380VAC
Protection type:	Class II
Output type:	SELV
Output current accuracy:	5%
Output current accuracy:	<0.5s
No load output voltage:	60VDC
Surge:	L-N:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20°C-45/50/60°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



Wiring diagram

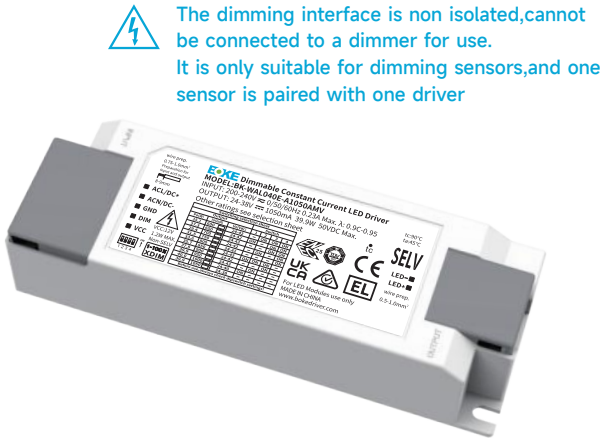
Independent



WAL (E) series
CC Independent dimmable driver (1-10V+12V)

Features

- Support 1-10V/10V PWM dimming+12V auxiliary power
- Provide 12V 100mA auxiliary power supply to power control module or sensor
- Auxiliary 12V supports fast power-down feature
- 10 levels current output can be realized DIP switch, easier to adjust the luminaire power
- Soft dimming and flicker-free at any brightness, meets the new requirements of ErP certification
- Using HPC patented technology, the brightness can remain same when dimming
- High PF, high efficiency, low THD
- Screw-free and pressing type strain relief, easier install
- Independent input and output strain relief, stronger wiring
- SELV and Class II design, suitable for use side of the luminaires
- Compliance with CE, ENEC, UKCA, RCM, EL and other certifications



 The dimming interface is non isolated,cannot be connected to a dimmer for use. It is only suitable for dimming sensors,and one sensor is paired with one driver

1-10V, 12V, Adjustable current, External sensor port

Notice: The dimming port is non-isolated and applies only to the control module or sensor

Parameters

Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-WAL022E-A0600AXX	200-240VAC	22.8W	28-42V	0.225-0.6A	0.95	86%	15%	45°C	90°C	L117*W45.5*H29
BK-WAL040E-A1050AXX	200-240VAC	40W	28-42V	0.6-1.05A	0.97	88.5%	12%	45°C	90°C	L137*W46*H30
BK-WAL060E-A1650AXX	200-240VAC	62.7W	24-42V	1.1-1.65A	0.95	86%	15%	45°C	90°C	L137*W46*H30

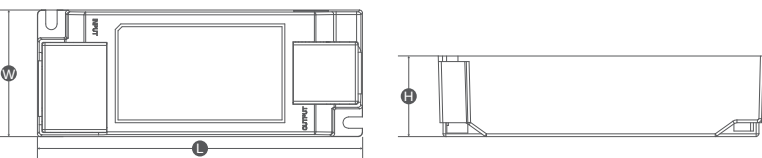
Suffix MV: XDIM 1-10V dimming+12V auxiliary power

Suffix YV: XDIM PWM dimming+12V auxiliary power

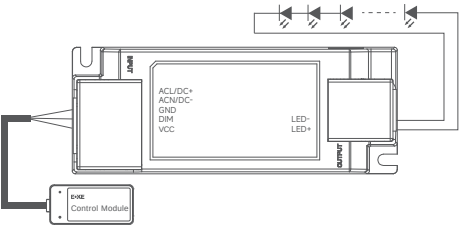
Specifications

Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/180-264VDC
Input votage shock:	380VAC
Protection type:	Class II
Output type:	SELV
Output current accuracy:	2%/5%
Dimming range:	1-100%
Power on time:	<0.7s
No load output voltage:	50VDC
Surge:	L-N:1KV,L-N:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20°C-45°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



Wiring diagram



Optional dimmer terminals



Optional 1 : (Factory default)



Optional 2

KUL series
CC Independent dimmable driver (1-10V)

Features

- Isolated 1-10V/10V PWM/Rx dimming interface
- Loop-in and loop-out wiring without junction box
- 10 levels current output can be realized by DIP switch
- Soft dimming and flicker-free at any brightness, meets the new requirements of ErP certification
- Using HPC patented technology, the brightness can remain same when dimming
- Standby power input<0.5W, meets the ErP requirements of new certification
- High PF, high efficiency, low THD
- Screw-free and pressing type strain relief, easier install
- Independent input and output strain relief, stronger wiring
- Supports 0.75-1.5mm² input wires, stronger wiring
- SELV and Class II design, suitable for external installation of the luminaires
- Passed CE, ENEC, RCM, CCC, UKCA, EL and other certifications



1-10V, RX, Loop in loop out, Adjustable current

MUL series
CC Independent dimmable driver (1-10V)

Features

- Isolated 1-10V/10V PWM/Rx dimming interface
- 10 levels current output can be realized DIP switch
- Soft dimming and flicker-free at any brightness, meets the new requirements of ErP certification
- Using HPC patented technology at any dimming level, the brightness of the luminaries is the same
- Standby power input<0.5W, meets the ErP requirements of new certification
- High PF, high efficiency, low THD
- Screw-free and pressing type strain relief, easier install
- Independent input and output strain relief, stronger wiring
- Supports 0.75-1.5mm² input wires, stronger wiring
- SELV and Class II design, suitable for external installation of the luminaires
- Passed CE, ENEC, UKCA, RCM, EL and other certifications



1-10V, RX, Adjustable current

Parameters

Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-KUL030-0800Am	200-240VAC	30.4W	24-42V	0.35-0.8A	0.98	87.5%	7%	45°C	80°C	L103*W68.5*H31
BK-KUL040-1050Am	200-240VAC	40.0W	24-42V	0.6-1.05A	0.97	88.5%	8%	45°C	90°C	L103*W68.5*H31
BK-KUL050-1300Am	200-240VAC	49.4W	24-42V	0.85-1.3A	0.98	89%	7%	45°C	80°C	L123*W78.5*H31
BK-KUL060-1650Am	200-240VAC	62.7W	24-42V	1.2-1.65A	0.97	90.5%	8.5%	45°C	90°C	L123*W78.5*H31

Suffix m: Isolated 1-10V/10V PWM/Rx

Parameters

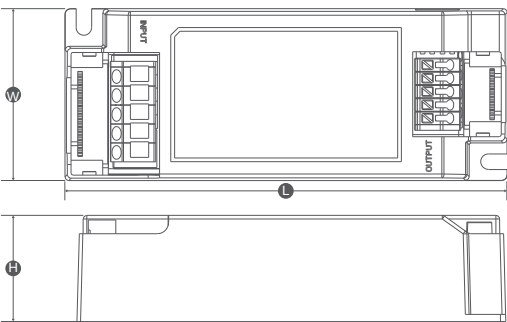
Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-MUL010-0350Am	200-240VAC	11W	24-42V	0.1-0.35A	0.96	83%	7%	60°C	90°C	L117*W45.5*H24
BK-MUL022-0600Am	200-240VAC	23.1W	24-42V	0.225-0.6A	0.97	85.5%	8%	45°C	90°C	L117*W45.5*H29

Suffix m: Isolated 1-10V/10V PWM/Rx

Specifications

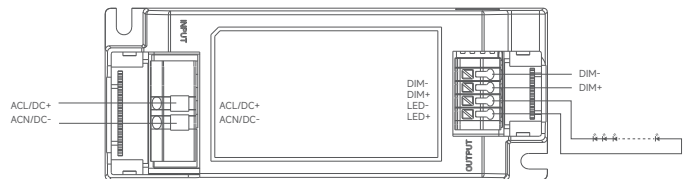
Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/180-264VDC
Input votage shock:	380VAC
Protection type:	Class II
Output type:	SELV
Output current accuracy:	5%
Dimming range:	1-100%
Power on time:	<0.5s
Standby power:	<0.5W
No load output voltage:	60VDC
Surge:	L-N:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20°C-60°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



Wiring diagram

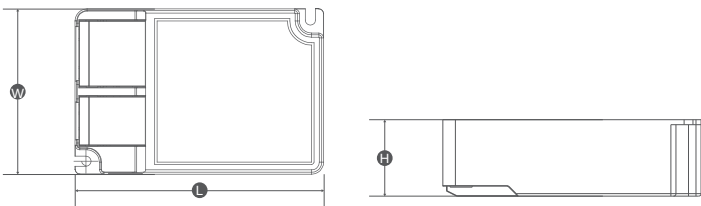
Suffix m: Isolated 1-10V/10V PWM/Rx



Specifications

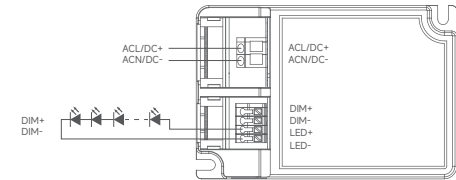
Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/180-264VDC
Input votage shock:	380VAC
Protection type:	Class II
Output type:	SELV
Output current accuracy:	5%
Dimming range:	5-100%
Power on time:	<0.5s
Standby power:	<0.5W
No load output voltage:	50VDC
Surge:	L-N:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20°C-45°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



Wiring diagram

Suffix m: Isolated 1-10V/10V PWM/Rx



DUL series

CC Independent dimmable driver (DALI-2 DT6)

Features

- Support DALI-2+pushDIM+1-10V/10V PWM/Rx dimming mode
- Support EnergyData function and energy-reporting reading (DALI Part 252)
- Support Luminaire data reading (DALI Part 251), support diagnostics-maintenance reading (DALI Part 253)
- Support advanced functions such as corridorDIM, EL, CLO
- The output current programming can be realized through the DALI interface and the NFC interface
- 10/16 levels current output can be realized by DIP switch
- Soft dimming and flicker-free at any brightness, meets the new requirements of ErP certification
- Using HPC patented technology, the brightness can remain same when dimming
- Standby power input <0.5W, meets the requirements of ErP certification
- Dimming range 1-100%, output current accuracy 2%
- Screw-free and pressing type strain relief,which supports thicker cables and is easier to install
- High PF, high efficiency, low THD
- Intelligent LED hot-plug protection function
- SELV and Class II design,suitable for external installation of the luminaires
- Compliance with CE, UKCA, ENEC, RCM, EL, DALI-2 and other certifications

Energy
Data

Part 251-253



DT6, PUSH, 1-10V, 3 in 1 dimming, Adjustable current



Parameters

Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-DUL010-B0350AXX	200-240VAC	11W	6-42V	0.1-0.35A	0.96	85%	9%	60°C	90°C	L117*W45.5*H24
BK-DUL022-B0600AXX	200-240VAC	23.1W	6-42V	0.225-0.6A	0.98	86%	8%	50°C	90°C	L117*W45.5*H29
BK-DUL028-B0750AXX	200-240VAC	28.5W	6-42V	0.3-0.75A	0.97	85.5%	6%	45°C	90°C	L117*W45.5*H29
BK-DUL030-B0800AXX	200-240VAC	30.4W	6-42V	0.25-0.8A	0.98	87.5%	7%	45°C	90°C	L103*W68.5*H31
BK-DUL040-B1050AXX	200-240VAC	40W	6-42V	0.6-1.05A	0.97	89%	8.5%	45°C	90°C	L137*W46*H30
BK-DUL042-B1100AXX	200-240VAC	42W	6-42V	0.45-1.1A	0.97	89%	8.5%	45°C	90°C	L103*W68.5*H31
BK-DUL060-B2000AXX	200-240VAC	61.2W	6-42V	0.8-2A	0.97	90.5%	7.5%	45°C	90°C	L123.5*W79.5*H31

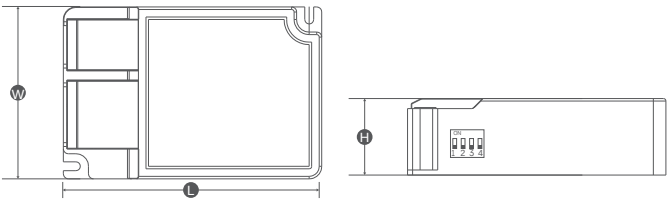
Suffix XX=DP: DALI-2+pushDIM+1-10V/10V PWM/Rx+EL+CLO+corridorDIM+DALI programmable

Suffix XX=DF: DALI-2+pushDIM+1-10V/10V PWM/Rx+EL+CLO+corridorDIM+DALI programmable+NFC programmable

Specifications

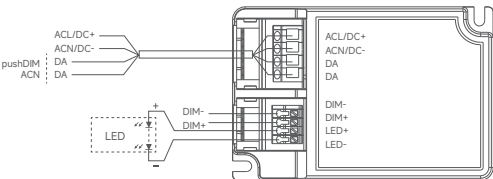
Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/180-264VDC
Input votage shock:	380VAC
Protection type:	Class II
Output type:	SELV
Output current accuracy:	2%
Dimming range:	1-100%
Power on time:	<0.7s
Standby power:	<0.5W
No load output voltage:	50VDC
Surge:	L-N:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20°C-60°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



Wiring diagram

Suffix DP: DALI-2+pushDIM+1-10V/10V PWM/Rx+EL+CLO+corridorDIM+DALI programmable
Suffix DF: DALI-2+pushDIM+1-10V/10V PWM/Rx+EL+CLO+corridorDIM+DALI programmable+NFC programmable



DKL series

CC Independent dimmable driver (DALI-2 DT6)

Features

- Support DALI-2+pushDIM dimming mode
- Support EnergyData function and energy-reporting reading (DALI Part 252)
- Support Luminaire data reading (DALI Part 251), support diagnostics-maintenance reading (DALI Part 253)
- Support advanced functions such as corridorDIM, EL, CLO
- The output current programming can be realized through the DALI interface and the NFC interface
- 10 levels current output can be realized by DIP switch
- Soft dimming and flicker-free at any brightness, which meets the new requirements of ErP certification
- Using HPC patented technology, the brightness can remain same when dimming
- Standby power input<0.5W, meets the requirements of ErP certification
- High PF, high efficiency, low THD
- Screw-free and pressing type strain relief, which supports thicker cables and is easier to install
- Independent input and output strain relief, stronger wiring
- Intelligent LED hot-plug protection function
- SELV and Class II design, suitable for external/ internal installation of the luminaires
- Compliance with CE, UKCA, ENEC, RCM, CCC, DALI-2, EL and other certifications

Energy
Data

Part 251-253



DT6, PUSH, Adjustable current



Parameters

Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-DKL010-A0250AX(X)	200-240VAC	10.5W	24-42V	0.1-0.25A	0.93	82.5%	11%	60°C	90°C	L129*W29.5*H20
BK-DKL015-A0400AX(X)	200-240VAC	15.2W	24-42V	0.1-0.4A	0.95	85%	9.5%	50°C	90°C	L129*W29.5*H20
BK-DKL015-A0400ADN	200-240VAC	15.2W	24-42V	0.1-0.4A	0.95	85%	15%	50°C	90°C	L129*W29.5*H20
BK-DKL022-A0600AX(X)	200-240VAC	22.8W	24-42V	0.225-0.6A	0.96	86%	15%	45°C	90°C	L117*W45.5*H29
BK-DKL040-A1050AX(X)	200-240VAC	40W	24-42V	0.6-1.05A	0.97	89%	12.5%	45°C	90°C	L137*W46*H30
BK-DKL060-A1650AXX	200-240VAC	62.7W	24-42V	1.1-1.65A	0.97	89%	12.5%	45°C	85°C	L157.5*W50.5*H30

Suffix D: DALI-2+pushDIM

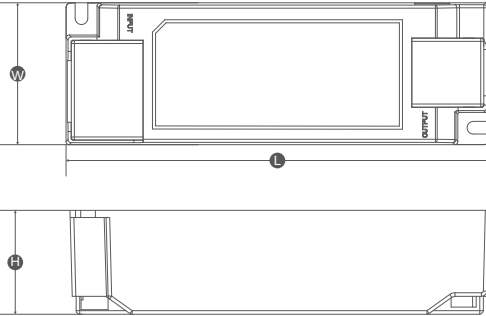
Suffix X (X)=DP: DALI-2+pushDIM+EL+CLO+corridorDIM+DALI programmable

Suffix X (X)=DN: DALI-2+pushDIM+EL+CLO+corridorDIM+DALI programmable+NFC programmable

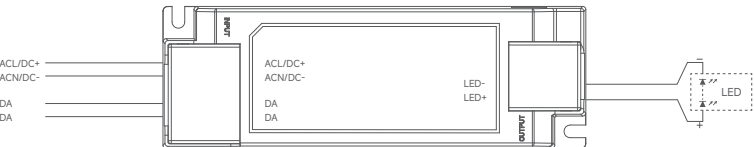
Specifications

Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/180-264VDC
Input votage shock:	380VAC
Protection type:	Class II
Output type:	SELV
Output current accuracy:	5%
Dimming range:	1-100%
Power on time:	<0.7s
Standby power:	<0.5W
No load output voltage:	50VDC
Surge:	L-N:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20°C-45°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



Wiring diagram



DEL series
CC Independent dimmable driver (DALI-2 DT6)

Features

- Support DALI-2+pushDIM dimming mode
- 10 levels current output can be realized by DIP switch
- Soft dimming and flicker-free at any brightness, meets the new requirements of ErP certification
- Using HPC patented technology, the brightness can remain same when dimming
- Standby power input<0.5W, meets the ErP requirements of new certification
- High PF, high efficiency, low THD
- Screw-free and pressing type strain relief, easier install
- Independent input and output strain relief, stronger wiring
- Supports 0.75-1.5mm² input wires, stronger wiring
- Intelligent LED hot-plug protection function
- SELV and Class II design, suitable for external installation of the luminaires
- Compliance with CE, ENEC, UKCA, RCM, CCC, DALI-2, EL and other certifications



DT6, PUSH, Adjustable current

Parameters

Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-DEL010-B0350AX(X)	200-240VAC	11W	6-42V	0.1-0.35A	0.96	85%	9%	60°C	90°C	L117*W45.5*H24
BK-DEL022-B0600AX(X)	200-240VAC	23.1W	6-42V	0.225-0.6A	0.98	86%	8%	50°C	90°C	L117*W45.5*H29
BK-DEL028-B0750AX(X)	200-240VAC	28.5W	6-42V	0.3-0.75A	0.97	85.5%	6%	45°C	90°C	L117*W45.5*H29
BK-DEL030-B0800AX(X)	200-240VAC	30.4W	6-42V	0.25-0.8A	0.97	89%	5%	45°C	90°C	L103*W68.5*H31
BK-DEL040-B1050AX(X)	200-240VAC	40W	6-42V	0.6-1.05A	0.97	89%	8.5%	45°C	90°C	L137*W46*H30
BK-DEL042-B0800BX(X)	200-240VAC	38.4W	6-48V	0.25-0.8A	0.97	89%	6%	45°C	90°C	L103*W68.5*H330.5
BK-DEL042-B1100AX(X)	200-240VAC	42W	6-42V	0.45-1.1A	0.97	89%	7.5%	45°C	90°C	L103*W68.5*H31
BK-DEL060-B2000AX(X)	200-240VAC	61.2W	6-42V	0.8-2A	0.97	89%	5%	45°C	90°C	L123.5*W79.5*H31

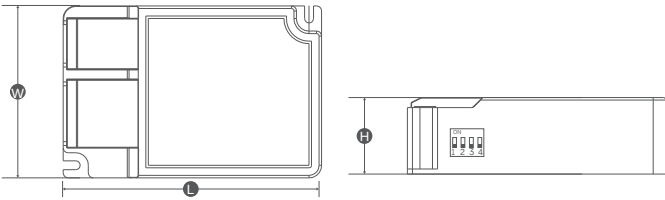
Suffix X (X)=d: DALI-2+pushDIM

Suffix X (X)=DL: DALI-2+pushDIM+Connection cable 1.5mm²×4 or 1.5mm²×2+1.5mm²×2 input wires

Specifications

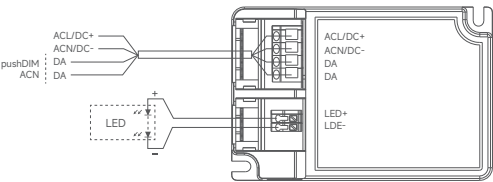
Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/180-264VDC
Input votage shock:	380VAC
Protection type:	Class II
Output type:	SELV
Output current accuracy:	2%
Dimming range:	1-100%
Power on time:	<0.7s
Standby power:	<0.5W
No load output voltage:	50VDC/60VDC
Surge:	L-N:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20°C-60°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



Wiring diagram

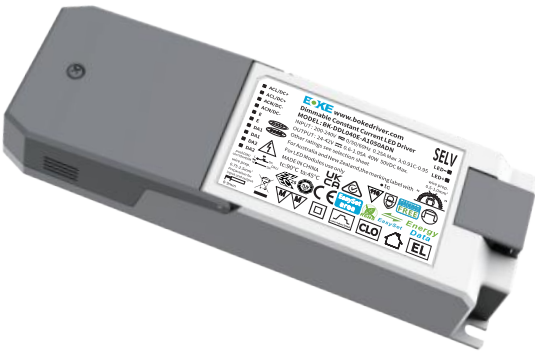
Suffix d: DALI-2+pushDIM



DDL (E) series
CC Independent dimmable driver (DALI-2 DT6)

Features

- Support DALI-2 DT6+pushDIM mode
- Support EnergyData function and energy-reporting reading (DALI Part 252)
- Support Luminaire data reading (DALI Part 251), support diagnostics-maintenance reading (DALI Part 253)
- Support advanced functions such as corridorDIM, EL, CLO
- The output current programming can be realized through the DALI interface and the NFC interface
- Dual input terminal design, Support loop-in and loop-out wiring without junction box
- Soft dimming and flicker-free at any brightness, meets the new requirements of ErP certification
- Using HPC patented technology, the brightness can remain same when dimming
- Standby power input<0.5W, meets the requirements of ErP certification
- High PF, high efficiency, low THD
- Screw-free and pressing type strain relief, supports thicker cables and is easier to install
- Intelligent LED hot-plug protection function
- SELV and Class II design, suitable for external installation of the luminaires
- Compliance with CE, ENEC, UKCA, RCM, CCC, DALI-2, EL and other certifications



DT6, PUSH, Adjustable current, Loop in loop out

Parameters

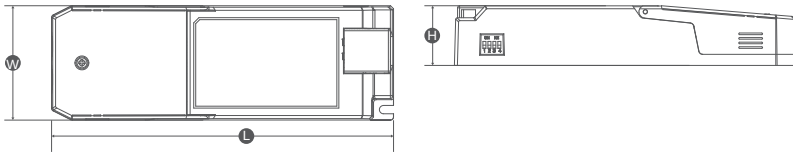
Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-DDL040E-A1050ADN	200-240VAC	40W	24-42V	0.6-1.05A	0.97	88%	12%	45°C	90°C	L172*W57.5*H30

Suffix DN: DALI-2+pushDIM+EL+CLO+corridorDIM+DALI programmable+NFC programmable

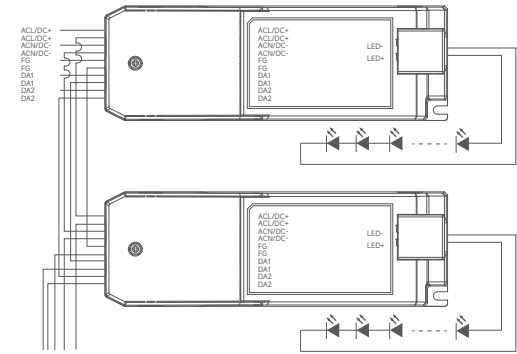
Specifications

Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/180-264VDC
Input votage shock:	380VAC
Protection type:	Class II
Output type:	SELV
Output current accuracy:	2%
Dimming range:	1-100%
Power on time:	<0.7s
Standby power:	<0.5W
No load output voltage:	50VDC
Surge:	L-N:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20°C-45°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



Wiring diagram



... Max .x40
Loop-in and loop-out wiring

DDL (S) series

CC Independent dimmable driver (DALI-2 DT6)

Features

- Support DALI-2 DT6+pushDIM mode
- Support EnergyData function and energy-reporting reading (DALI Part 252)
- Support Luminaire data reading (DALI Part 251), support diagnostics-maintenance reading (DALI Part 253)
- Support advanced functions such as corridorDIM, EL, CLO
- The output current programming can be realized through the DALI interface or NFC interface
- 16 levels current output can be realized by DIP switch
- Dual input terminal design, Support loop-in and loop-out wiring without junction box
- Soft dimming and flicker-free at any brightness, meets the new requirements of ErP certification
- Using HPC patented technology, the brightness can remain same when dimming
- Standby power input<0.5W, meets the requirements of ErP certification
- High PF, high efficiency, low THD
- Screw-free and pressing type strain relief, supports thicker cables and is easier to install
- Independent input and output strain relief, stronger wiring
- Intelligent LED hot-plug protection function
- SELV and Class II design, suitable for external installation of the luminaires
- Compliance with Zhaga Book 24/25 standards
- Compliance with CCC, CE, ENEC, UKCA, RCM, DALI-2 and other certifications



Energy
Data

Part 251-253



DT6, PUSH, Adjustable current, Loop in loop out

Parameters

Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-DDL042S-A1050ADP	200-240VAC	42W	6-54V	0.3-1.05A	0.97	90.5%	9%	45°C	85°C	L172*W57.5*H30
BK-DDL042S-A1100ADP	200-240VAC	42W	6-54V	0.35-1.1A	0.97	90.5%	9%	45°C	85°C	L172*W57.5*H30
BK-DDL042S-A1050ADN	200-240VAC	42W	6-54V	0.1-1.1A	0.97	90.5%	9%	45°C	85°C	L172*W57.5*H30

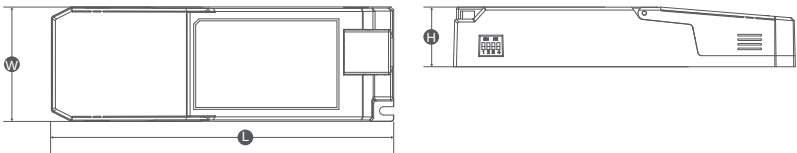
Suffix DP: DALI-2+pushDIM+EL+CLO+corridorDIM+DALI programmable

Suffix DN: DALI-2+pushDIM+EL+CLO+corridorDIM+DALI programmable+NFC programmable

Specifications

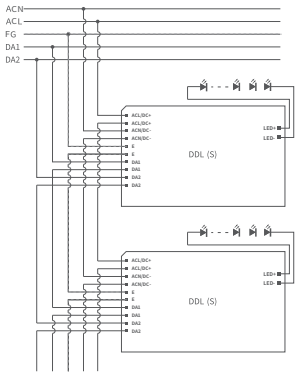
Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/180-264VDC
Input votage shock:	380VAC
Protection type:	Class II
Output type:	SELV
Output current accuracy:	5%
Dimming range:	0.1-100%
Power on time:	<0.7s
Standby power:	<0.5W
No load output voltage:	59VDC
Surge:	L-N:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20°C-45°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



Wiring diagram

DALI dimming application



... Max .x41
Loop-in and loop-out wiring

DQL (S) series

CC Independent dimmable driver (DALI-2 DT6)

Features

- Support DALI-2+pushDIM dimming mode
- Support EnergyData function and energy-reporting reading (DALI Part 252)
- Support luminaire data reading (DALI Part 251), support diagnostics-maintenance reading (DALI Part 253)
- Support advanced functions such as corridorDIM, EL, CLO
- 16 levels current output can be realized by DIP switch
- The output current programming can be realized through the DALI interface and the NFC interface
- Soft dimming and flicker-free at any brightness, meets the new requirements of ErP certification
- Using HPC patented technology, the brightness can remain same when dimming
- Standby power input<0.5W, meets the requirements of ErP certification
- High PF, high efficiency, low THD
- Optional Junction box:support up to 2.5mm² cable and loop-through function
- Screw-free and pressing type strain relief, supports thicker cables and is easier to install
- Independent input and output strain relief, stronger wiring
- Intelligent LED hot-plug protection function
- SELV and Class II design, suitable for external installation of the luminaires
- Compliance with Zhaga Book 24/25 standards
- Passed CE, ENEC, UKCA, RCM, DALI-2 and other certifications



Energy
Data

Part 251-253



DT6, PUSH, Adjustable current
Loop in loop out
Optional independent/built-in
Optional junction box

Parameters

Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-DQL030S-BHA0800ADP	200-240VAC	28.8W	24-36V	0.1-0.8A	0.97	92.5%	6%	60°C	85°C	L132*W43.5*H21 (Independent)
BK-DQL030S-BHA0800ADN	200-240VAC	28.8W	24-36V	0.1-0.8A	0.97	92.5%	6%	60°C	85°C	L132*W43.5*H21 (Independent)
BK-DQL042S-AHC1050ADP	200-240VAC	42W	6-54V	0.3-1.05A	0.97	90.5%	9%	60°C	85°C	L137.5*W44*H23.4 (Independent)
BK-DQL042S-AHC1050ADN	200-240VAC	42W	6-54V	0.15-1.05A	0.97	90.5%	9%	60°C	85°C	L137.5*W44*H23.4 (Independent)
BK-DQL042S-BHA1050ADP	200-240VAC	42W	24-42V	0.3-1.05A	0.98	93%	7%	60°C	85°C	L132*W43.5*H21 (Independent)
BK-DQL042S-BHA1050ADN	200-240VAC	42W	24-42V	0.1-1.05A	0.98	93%	7%	60°C	85°C	L132*W43.5*H21 (Independent)

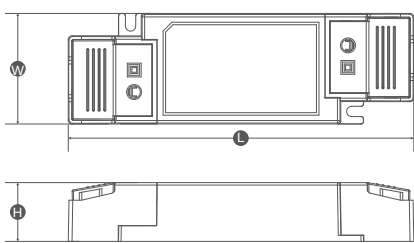
Suffix DP: DALI-2+pushDIM+EL+CLO+corridorDIM+DALI programmable

Suffix DN: DALI-2+pushDIM+EL+CLO+corridorDIM+DALI programmable+NFC programmable

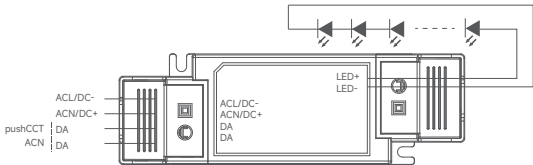
Specifications

Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/180-264VDC
Input votage shock:	380VAC
Protection type:	Class II
Output type:	SELV
Output current accuracy:	5%
Dimming range:	0.1-100%
Power on time:	<0.7s
Standby power:	<0.5W
No load output voltage:	60VDC
Surge:	L-N:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20°C-50/55/60°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



Wiring diagram



DWL (E) series
CC Independent tunable white driver (DALI-2 DT8)

Features

- Support DALI-2+pushDIM+pushCCT mode
- Support EnergyData function and energy-reporting reading (DALI Part 252)
- Support Luminaire data reading (DALI Part 251), support diagnostics-maintenance reading (DALI Part 253)
- Support advanced functions such as corridorDIM, EL, CLO
- The output current programming can be realized through the DALI interface and the NFC interface
- Soft dimming and flicker-free at any brightness, meets the new requirements of ErP certification
- Using HPC patented technology, the brightness can remain same when dimming
- Standby power input<0.5W, meets the requirements of ErP certification
- High PF, high efficiency, low THD
- Screw-free and pressing type strain relief, supports thicker cables and is easier to install
- Independent input and output strain relief, stronger wiring
- Intelligent LED hot-plug protection function
- SELV and Class II design, suitable for external installation of the luminaires
- Compliance with CE, UKCA, ENEC, RCM, CCC, DALI-2,EL and other certifications



DT8 CCT, PUSH, Adjustable current

Parameters

Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-DWL022E-A0600ADP	200-240VAC	22.8W	24-42V	0.225-0.6A	0.96	84%	15%	45°C	90°C	L117*W45.5*H29
BK-DWL022E-A0600ADN	200-240VAC	22.8W	24-42V	0.1-0.6A	0.96	84%	15%	45°C	90°C	L117*W45.5*H29
BK-DWL040E-A1050ADP	200-240VAC	40W	24-42V	0.6-1.05A	0.97	87%	12%	45°C	90°C	L137*W46*H30
BK-DWL040E-A1050ADN	200-240VAC	40W	24-42V	0.4-1.05A	0.97	87%	12%	45°C	90°C	L137*W46*H30

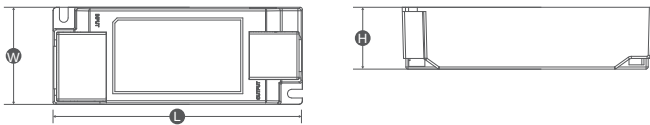
Suffix DP: DALI-2+pushDIM+EL+CLO+corridorDIM+DALI programmable

Suffix DN: DALI-2+pushDIM+EL+CLO+corridorDIM+DALI programmable+NFC programmable

Specifications

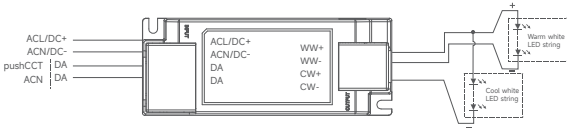
Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/180-264VDC
Input votage shock:	380VAC
Protection type:	Class II
Output type:	SELV
Output current accuracy:	5%
Dimming range:	1-100%
Power on time:	<0.7s
Standby power:	<0.5W
No load output voltage:	50VDC
Surge:	L-N:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20°C-45°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



Wiring diagram

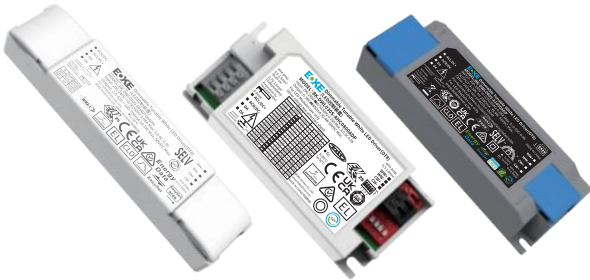
Support common anode and independent circuit connection



DWL (S) series
CC Independent tunable white driver (DALI-2 DT8)

Features

- Support DALI-2+pushDIM+pushCCT mode
- Support EnergyData function and energy-reporting reading (DALI Part 252)
- Support Luminaire data reading (DALI Part 251), support diagnostics-maintenance reading (DALI Part 253)
- Support advanced functions such as corridorDIM, EL, CLO
- 8/16 levels current output can be realized by DIP switch
- The output current programming can be realized through the DALI interface or NFC interface
- Soft dimming and flicker-free at any brightness, meets the new requirements of ErP certification
- Using HPC patented technology, the brightness can remain same when dimming
- Standby power input<0.5W, meets the requirements of ErP certification
- Screw-free and pressing type strain relief, supports thicker cables and is easier to install
- Independent input and output strain relief, stronger wiring
- SELV and Class II design, suitable for external/ internal installation of the luminaires
- Intelligent LED hot-plug protection function
- Compliance with Zhaga Book 24/25 standards
- High PF, high efficiency, low THD
- Compliance with CE, UKCA, ENEC, RCM, CCC, DALI-2, EL and other certifications



DT8 CCT, PUSH, Adjustable current, PRO

Parameters

Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-DWL010S-BHA0700AXX	200-240VAC	10.5W	2.5-42V	0.1-0.7A	0.95	85%	17%	50°C	90°C	L129*W29.5*H20
BK-DWL010S-A0350AXX	200-240VAC	10.8W	9-54V	0.1-0.35A	0.96	84.5%	9%	50°C	90°C	L111*W35*H20
BK-DWL030S-AHC0800AXX	200-240VAC	30.4W	6-52V	0.1-0.8A	0.97	90%	8%	50°C	85°C	L97.5*W44*H29(Built-in) L137.5*W44*H29(Independent)
BK-DWL040S-A1050AXX	200-240VAC	40W	6-54V	0.15-1.05A	0.99	90%	7%	45°C	85°C	L137*W46*H30
BK-DWL060S-A1650AXX	200-240VAC	60W	6-54V	0.5-1.65A	0.95	90%	7.5%	45°C	85°C	L157.5*W50.5*H30

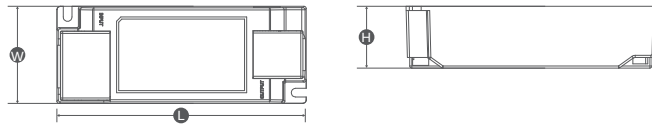
Suffix XX=DP: DALI-2+pushDIM+EL+CLO+corridorDIM+DALI programmable

Suffix XX=DN: DALI-2+pushDIM+EL+CLO+corridorDIM+DALI programmable+NFC programmable

Specifications

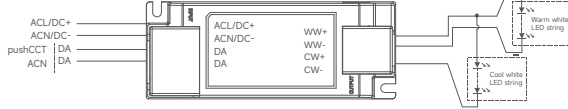
Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/180-264VDC
Input votage shock:	380VAC
Protection type:	Class II
Output type:	SELV
Output current accuracy:	2%
Dimming range:	0.1-100%
Power on time:	<0.7s
Standby power:	<0.5W
No load output voltage:	59VDC
Surge:	L-N:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20°C-50°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



Wiring diagram

Support common anode and independent circuit connection



DVL (S) series
CC Independent tunable white driver (DALI-2 DT8)

Features

- Support DALI-2+pushDIM+pushCCT mode
- Support EnergyData function and energy-reporting reading (DALI Part 252)
- Support Luminaire data reading (DALI Part 251), support diagnostics-maintenance reading (DALI Part 253)
- Support advanced functions such as corridorDIM, EL, CLO
- 16 levels current output can be realized by DIP switch
- The output current programming can be realized through the DALI interface and the NFC interface
- Dual input terminal design, Support loop-in and loop-out wiring without junction box
- Soft dimming and flicker-free at any brightness,which meets the new requirements of ErP certification
- Using HPC patented technology, the brightness can remain same when dimming
- Standby power input <0.5W, meets the ErP requirements of new certification
- Screw-free and pressing type strain relief,which supports thicker cables and is easier to install
- Independent input and output strain relief, stronger wiring
- High PF,high efficiency,low THD
- Intelligent LED hot-plug protection function
- SELV and Class II design, suitable for external installation of the luminaires
- Compliance with CE, ENEC, UKCA, RCM, CCC, DALI-2 and other certifications



DT8 CCT, PUSH, Adjustable current
Loop in loop out

Parameters

Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-DVL040S-A1050ADP	200-240VAC	40W	6-54V	0.3-1.05A	0.99	90%	7%	45°C	85°C	L172*W57.5*H30
BK-DVL040S-A1050ADN	200-240VAC	40W	6-54V	0.15-1.05A	0.99	90%	7%	45°C	85°C	L172*W57.5*H30

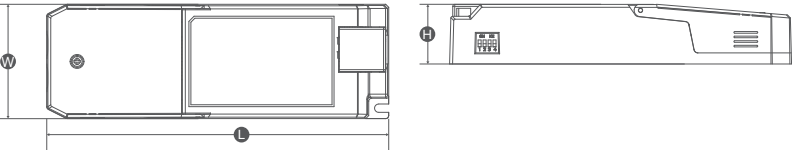
Suffix DP: DALI-2+pushDIM+EL+CLO+corridorDIM+DALI programmable

Suffix DN: DALI-2+pushDIM+EL+CLO+corridorDIM+DALI programmable+NFC programmable

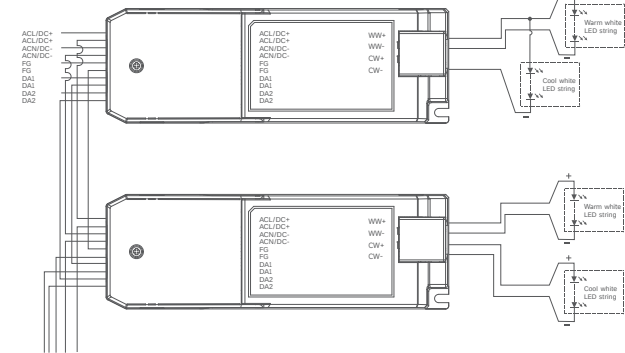
Specifications

Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/180-264VDC
Input votage shock:	380VAC
Protection type:	Class II
Output type:	SELV
Output current accuracy:	2%
Dimming range:	0.1-100%
Power on time:	<0.7s
Standby power:	<0.5W
No load output voltage:	59VDC
Surge:	L-N:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20°C-45°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



Wiring diagram



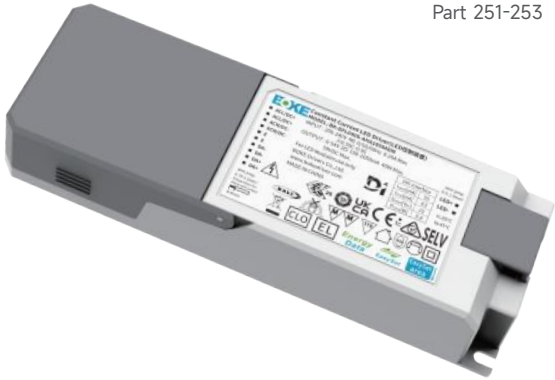
... Max .x38
Loop-in and loop-out wiring

DFL (S) series
CC Independent dimmable driver (DALI-2 DT6+D4i)

NEW

Features

- Support DALI-2 DT6+D4i dimming mode
- 16 levels current output can be realized by DIP switch
- Support EnergyData function and energy-reporting reading (DALI Part 252)
- Support Luminaire data reading (DALI Part 251), support diagnostics-maintenance reading (DALI Part 253)
- Support advanced functions such as EL, CLO
- The output current programming can be realized through the DALI interface and the NFC interface
- Quickly install the sensor and the wireless control module through the D4i interface
- Dual-channel input terminal design supports hand-in-hand, junction box-free, and quick serial wiring
- Soft dimming and flicker-free at any brightness, meets the new requirements of ErP certification
- Using HPC patented technology, the brightness can remain same when dimming
- High PF, high efficiency, low THD
- Intelligent LED hot-plug protection function
- SELV and Class II design, suitable for external installation of the luminaires
- Compliance with CE, ENEC, UKCA, RCM, DALI-2, CCC, EL and other certifications



DT6 D4i

Parameters

Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-DFL040S-AHA1050ADP	200-240VAC	40W	6-54V	0.3-1.05A	0.98	89%	8%	45°C	85°C	L172*W57.5*H30
BK-DFL040S-AHA1050ADN	200-240VAC	40W	6-54V	0.15-1.05A	0.98	89%	8%	45°C	85°C	L172*W57.5*H30

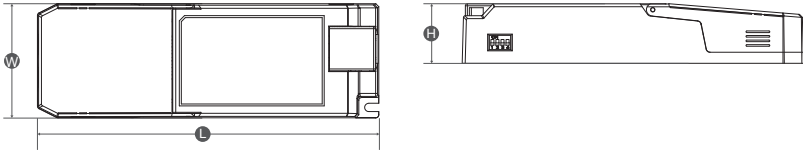
Suffix DP: DALI-2+pushDIM+EL+CLO+corridorDIM+DALI programmable

Suffix DN: DALI-2+pushDIM+EL+CLO+corridorDIM+DALI programmable+NFC programmable

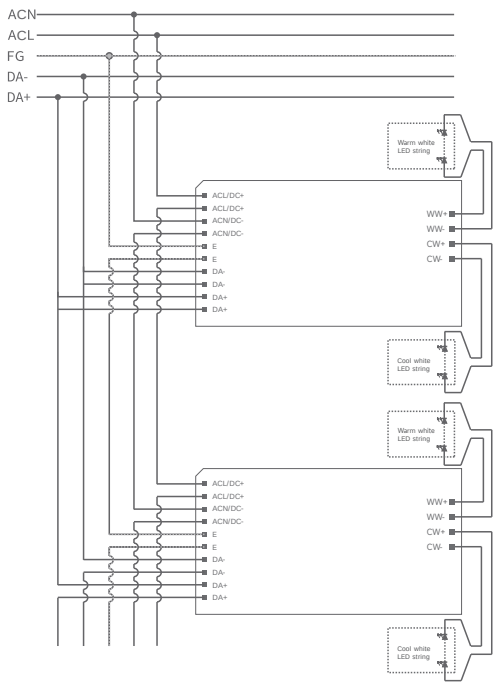
Specifications

Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/180-264VDC
Input votage shock:	380VAC
Protection type:	Class II
Output type:	SELV
Voltage accuracy:	2%
Dimming range:	1-100%
Power on time:	<0.7s
Standby power:	<0,5W
Surge:	L-N:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-25-45°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



Wiring diagram



PGV series

CV Independent driver (ON/OFF)

Features

- Ultra-thin housing
- Flicker-free output,which meets the requirement of ErP standard
- High efficiency, low THD
- Two-stage isolation design, safe and reliable
- SELV and Class II design, suitable for external installation of the luminaires
- Compliance with CE, UKCA, ENEC, RCM, EL and other certifications



CV, ON/OFF, Ultra-thin shell design

Parameters

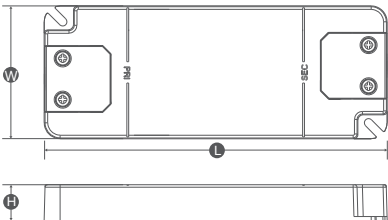
Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-PGV020-XXV0	200-240VAC	20W	12/24V	1.67/0.83A	0.98	84.5%	8.5%	45°C	85°C	L129*W50*H13.5
BK-PGV024-XXV0	200-240VAC	24W	12/24V	2/1A	0.99	85%	7.5%	45°C	85°C	L129*W50*H13.5
BK-PGV030-XXV0	200-240VAC	30W	12/24V	2.5/1.25A	0.99	88%	8.5%	45°C	85°C	L155*W50*H16
BK-PGV036-XXV0	200-240VAC	36W	12/24V	3/1.5A	0.99	88%	8.5%	45°C	85°C	L155*W50*H16
BK-PGV048-XXV0	200-240VAC	48W	12/24V	4/2A	0.99	88%	6%	45°C	85°C	L160*W57.5*H18
BK-PGV060-XXV0	200-240VAC	60W	12/24/48V	5/2.5/1.25A	0.99	87%	5.5%	45°C	85°C	L160*W57.5*H18
BK-PGV072-XXV0	200-240VAC	72W	12/24/48V	6/3/1.5A	0.99	89%	5%	45°C	90°C	L185*W63.5*H22
BK-PGV100-XXV0	200-240VAC	100W	12/24V	8.3/4.2A	0.99	92.5%	6%	45°C	90°C	L185*W63.5*H22
BK-PGV150-XXV0	200-240VAC	150W	24/48V	6.25/3.13A	0.99	93%	5%	45°C	90°C	L185*W63.5*H22

XX: Output voltage, unit:V

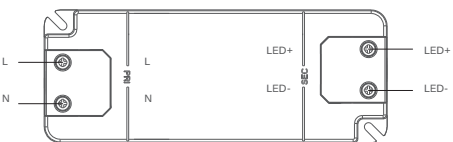
Specifications

Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/180-264VDC
Input votage shock:	380VAC
Protection type:	Class II
Output type:	SELV
Voltage accuracy:	5%
Power on time:	<0.5s
Surge:	L-N:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-25-45°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



Wiring diagram



LGV series

CV Power adapter (ON/OFF)

Features

- DC output cables are available in straight/angled types, and DC output connectors are available in 5521/5525 specifications
- Flicker-free output,which meets the requirement of ErP standard
- 200-240V voltages input
- Optional DC12V or DC24V output
- Energy efficiency in VI (Energy efficiency level 6)
- With SCP / OCP / OVP/ OPP protection
- High PF, high efficiency, low THD
- SELV and Class I/Class II design
- Suitable for constant voltage lights, such as strip lights, linear lights
- Compliance with CE, CCC, EL and other certifications



CV, ON/OFF

Parameters

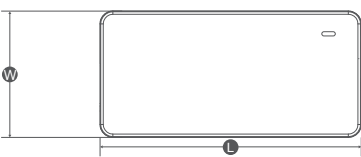
Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-LGV036-XXV0	200-240VAC	36W	12/24V	3/1.5A	0.95	88%	15%	45°C	85°C	L103*W50*H31
BK-LGV060-XXV0	200-240VAC	60W	12/24/48V	5/2.5/1.25A	0.95	89%	15%	45°C	85°C	L126.5*W53.5*H31
BK-LGV072-XXV0	200-240VAC	72W	12/24V	6/3A	0.99	88%	15%	45°C	90°C	L146*W63*H32
BK-LGV096-XXV0	200-240VAC	100.8W	24/48V	4.2/2.1A	0.99	94%	6%	45°C	85°C	L126.5*W53.5*H31
BK-LGV096B-XXV0	200-240VAC	100.8W	24/48V	4.2/2.1A	0.99	94%	6%	45°C	85°C	L126.5*W53.5*H31
BK-LGV100-XXV0	200-240VAC	100.8W	12/24/48V	8.4/4.2/2.1A	0.95	93%	6%	45°C	80°C	L146*W63*H32
BK-LGV100B-XXV0	200-240VAC	100.8W	24/48V	4.2/2.1A	0.99	93%	6%	45°C	80°C	L146*W63*H32
BK-LGV120-XXV0	200-240VAC	120W	24/48V	5/2.5A	0.99	92.5%	6%	45°C	80°C	L146*W63*H32
BK-LGV120B-XXV0	200-240VAC	120W	24/48V	5/2.5A	0.99	92.5%	6%	45°C	80°C	L146*W63*H32
BK-LGV150-XXV0	200-240VAC	150W	24/48V	6.25/3.3A	0.99	93.5%	5%	45°C	85°C	L146*W63*H32
BK-LGV150B-XXV0	200-240VAC	150/158W	24/48V	6.25/3.3A	0.99	93.5%	5%	45°C	85°C	L146*W63*H32
BK-LGV200-XXV0	200-240VAC	200W	24/48V	8.3/4.15A	0.99	92.5%	8%	45°C	85°C	L175*W63*H32
BK-LGV200B-XXV0	200-240VAC	200W	24/48V	8.3/4.15A	0.99	92.5%	8%	45°C	90°C	L175*W63*H32

XX: Output voltage, unit:V

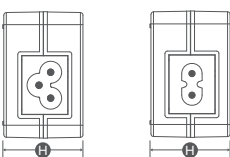
Specifications

Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/180-264VDC
Input votage shock:	380VAC
Protection type:	Class II
Output type:	SELV
Voltage accuracy:	5%
Power on time:	<0.5s
Surge:	L-N:2KV,L-FG/N-FG:2KV
Operation temperature:	-20-45°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



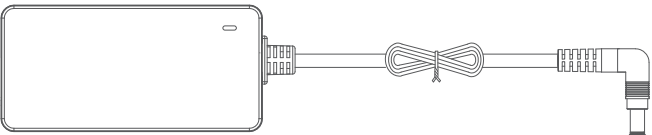
AC input



Class I

Class II

Wiring diagram



CAPS01
Casambi Wireless dimmer module

Technology Partner
CASAMBI

Features

- Integrated Casambi wireless module for the Casambi wireless ecosystem
- Support Casambi Wireless Long Range (LR) mode network
- 12-24VDC input, one channel 10V PWM signal output
- Suitable for use with auxiliary 12V&1-10V or support 10V PWM dimming driver
- 1-100% dimming range
- Supports change profile to switch the dimming curve
- Supports quick construction of Casambi networks with up to 250 devices
- Casambi wireless mesh networking, stable work
- Support for over-the-air firmware updates with Casambi App



Casambi ready, 12-24V input, 10V PWM(1-10V output)

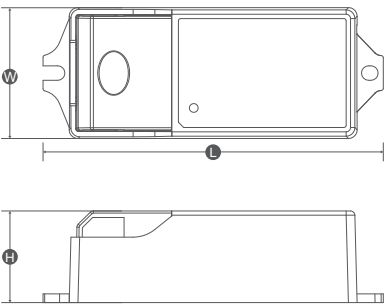
Parameters

Mode	Supply voltage	PWM output voltage	Operating Current	Ta	Dimension (mm)
BK-CAPS01	12-24VDC	10V	10mA	45°C	L78*W30*H21

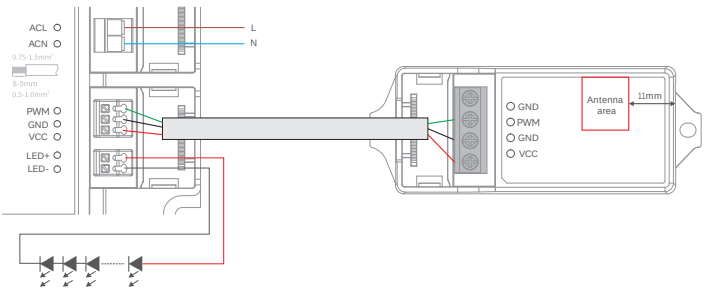
Specifications

Supply voltage:	12-24VDC
Operating Current:	18mA
PWM output voltage:	10V
PWM output frequencies:	1.47KHz
Control system:	Casambi Ready
Bluetooth version:	Bluetooth 5.3
Transmission power:	8dBm
Reception sensitivity:	-96dBm
Frequency range:	2.402 – 2.480 GHz
Operation temperature:	-20-45°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

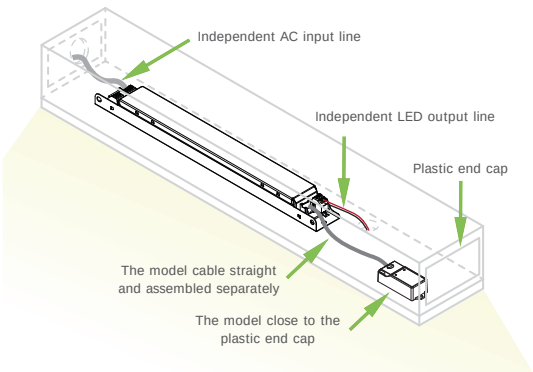
Dimension(unit:mm)



Wiring diagram



Installation Requirements



WAL (S) series
CC Independent dimmable driver (Casambi Ready)

Technology Partner
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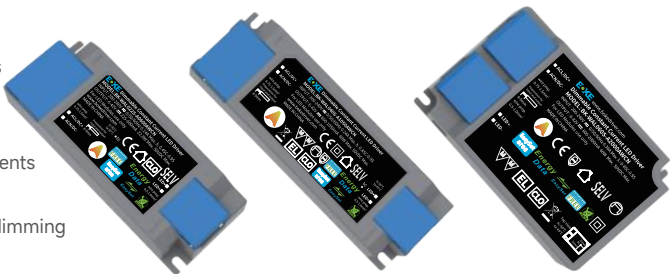
Features

- Integrated Casambi wireless module for the Casambi wireless ecosystem
- Support reading EnergyDate through Casambi network (Luminaire data, Energy reporting and Diagnostics & Maintenance)
- Support Casambi Wireless Long Range (LR) mode network
- Supports change profile to switch the dimming curve
- 10/16 levels current output can be realized by DIP switch
- Supports quick construction of Casambi networks with up to 250 devices
- Casambi wireless mesh networking, stable work
- Support for over-the-air firmware updates with Casambi App
- Soft dimming and flicker-free at any brightness, meets the new requirements of ErP certification
- Using HPC patented technology, the brightness can remain same when dimming
- High PF, high efficiency, low THD
- Compliance with CE, EL and other certifications



Energy Data

Part 251-253



Casambi ready, Adjustable current

Parameters

Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-WAL022S-A0600AXX(X)	200-240VAC	23.1W	6-42V	0.225-0.6A	0.98	86%	8%	50°C	90°C	L117*W45.5*H29
BK-WAL040S-A1050AXX(X)	200-240VAC	40W	6-42V	0.6-1.05A	0.97	89%	8.5%	45°C	90°C	L137*W46*H30
BK-WAL060S-A2000AXX(X)	200-240VAC	61.2W	6-42V	0.8-2A	0.97	90.5%	7.5%	45°C	90°C	L123.5*W79.5*H31

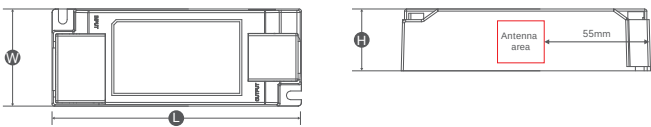
Suffix WC: Casambi Wireless+DIP switch

Suffix WCN: Casambi Wireless+NFC programmable

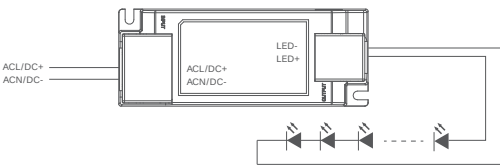
Specifications

Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/180-264VDC
Input votage shock:	380VAC
Protection type:	Class II
Output type:	SELV
Output current accuracy:	2%
Dimming range:	1-100%
Standby power:	<0.5W
No load output voltage:	50VDC
Surge:	L-N:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20°C-50°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



Wiring diagram



WQL (S) series

CC Independent dimmable driver (Casambi Ready)

NEW

Features

- Integrated Casambi wireless module for the Casambi wireless ecosystem
- Support Casambi Wireless Long Range (LR) mode network
- 16 levels current output can be realized by DIP switch
- Support advanced functions such as EL, CLO
- The output current and more functions of the driver can be realized through the NFC interface
- Supports quick construction of Casambi networks with up to 250 devices
- Casambi wireless mesh networking, stable work
- Using HPC patented technology, the brightness can remain same when dimming
- Soft dimming and flicker-free at any brightness
- Support for over-the-air firmware updates with Casambi App
- High PF, high efficiency, low THD
- Optional Junction box: support up to 2.5mm² cable and loop-through function
- Screw-free and pressing type strain relief, supports thicker cables and is easier to install
- Independent input and output strain relief, stronger wiring
- Intelligent LED hot-plug protection function
- SELV and Class II design, suitable for use outside or of the luminaires
- Compliance with CE, EL and other certifications



Casambi ready, Adjustable current

Parameters

Mode	Input voltage	Output power	Power factor	Power factor	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-WQL042S-AHC1050AWCN	200-240VAC	42W	6-54V	0.1-1.05A	0.97	90.5%	9%	60°C	90°C	L137.5*W44*H23.4(Independent)
BK-WQL042S-AHC1050AWCP	200-240VAC	42W	6-54V	0.3-1.05A	0.97	90.5%	9%	60°C	85°C	L137.5*W44*H23.4(Independent)

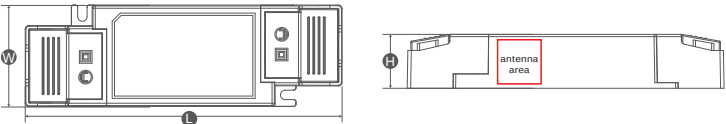
Suffix WCP: Casambi Wireless+DIP switch
Suffix WCN: Casambi Wireless+NFC programmable

Specifications

Rated input voltage:	200-240VAC/200-240VDC
Input voltage range:	180-264VAC/180-264VDC
Input votage shock:	380VAC
Protection type:	Class II
Output type:	SELV
Output current accuracy:	±5%
Dimming range:	0.1-100%
Power on time:	<0.7s
Standby power:	<0.5W
No load output voltage:	N/A
Surge:	L-N:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20°C-60°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)

Independent:

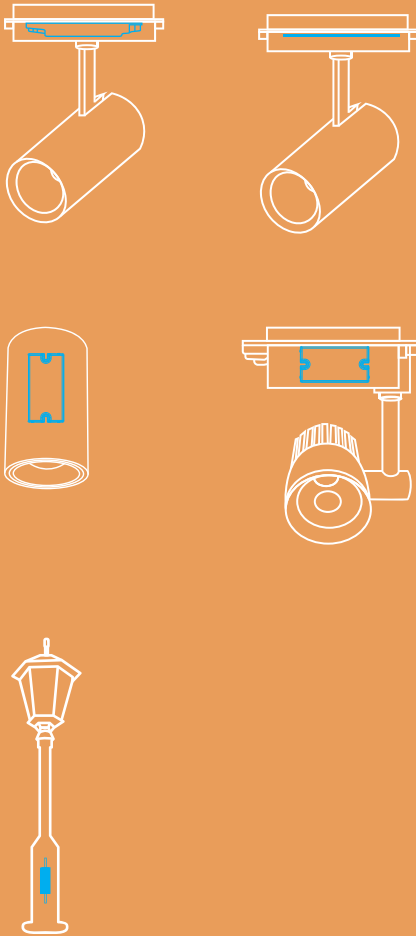


Technology Partner
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Built-in drivers

- Suitable for all kinds of high and low voltage track lights, downlight (built-in),spotlight (built-in), lights with built-in drivers such as garden lights.
- Support DALI-2/pushDIM/1-10V wireless dimming mode.
- 10W-42W DT6 (DIM) DT8 (CCT).



Series specifications

CC Isolated (Built-in)



CC series	Picture	Dimmable	Features	Power (W)	Page
WQL(S)	1	Casambi Ready	DIP switch、NFC programmable、Dimming depth 0.1%、Independent/Built in	42	102
BQL(S)	2	ON/OFF	DIP switch、NFC programmable、Independent/Built in	42	104
DRL(S)	3	DALI-2 DT6/pushDIM	DALI & NFC programmable、EnergyData、Dimming depth 0.1%	10-15	102
DQL(S)	4	DALI-2 DT6/pushDIM	DIP switch、DALI & NFC programmable、EnergyData、Dimming depth 0.1%、Independent/Built in	30-42	105

CC Isolated (AC track integrated)



CC series	Picture	Dimmable	Features	Power (W)	Page
WTL(S)	1	Casambi Ready	DIP switch、NFC programmable、Up to 250 devices	42	106
WSL(S)	2	Casambi Ready	NFC programmable、Up to 250 devices	42	107
PTL(S)	3	ON/ODFF	DIP switch	30-42	108
CTL(S)	4	ON/ODFF	DIP switch、CCT switch	42	109
DTL(S)	5	DALI-2 DT6/pushDIM	DIP switch、DALI & NFC programmable、EnergyData、Dimming depth 0.1%	42	110
DSL(S)	6	DALI-2 DT8/pushDIM/pushCCT	DALI & NFC programmable、EnergyData、Dimming depth 0.1%	42	111

CC Isolated (DC track light)



CC series	Picture	Dimmable	Features	Power (W)	Page
DBET (S)	1	ON/OFF	DIP switch、EMC passed、Width 8mm	30	114
BET-A	2	ON/OFF	DIP switch、EMC passed	30	115
BET-B	3	ON/OFF	DIP switch、EMC passed	30	116
MET	4	1-10V/10V PWM/Rx	DIP switch、EMC passed、Dimming depth 0.1%	30	117
DDET (S)	5	DALI-2 DT6	DIP switch、EMC passed、Dimming depth 0.1%、Width 8mm	24	113
DET	6	DALI-2 DT6	DIP switch、EMC passed、Dimming depth 1%	12-30	118
DDWT (S)	7	DALI-2 DT8	DIP switch、EMC passed、Dimming depth 1%	24	112
DWT	8	DALI-2 DT8	DIP switch、EMC passed、Dimming depth 1%	12-30	119

WQL (S) series
CC Built-in dimmable driver (Casambi Ready)

NEW

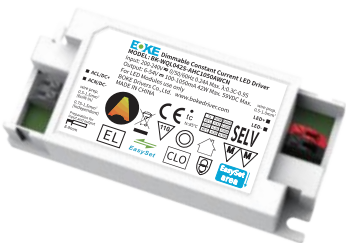
Engineering Driver Preferred BOKE • EOXE

Technology Partner
CASAMBI

Features

Features

- Integrated Casambi wireless module for the Casambi wireless ecosystem
- Support Casambi Wireless Long Range (LR) mode network
- 16 levels current output can be realized by DIP switch
- Support advanced functions such as EL, CLO
- The output current and more functions of the driver can be realized through the NFC interface
- Supports quick construction of Casambi networks with up to 250 devices
- Casambi wireless mesh networking, stable work
- Using HPC patented technology, the brightness can remain same when dimming
- Soft dimming and flicker-free at any brightness
- Support for over-the-air firmware updates with Casambi App
- High PF, high efficiency, low THD
- Optional Junction box: support up to 2.5mm² cable and loop-through function
- Screw-free and pressing type strain relief, supports thicker cables and is easier to install
- Independent input and output strain relief, stronger wiring
- Intelligent LED hot-plug protection function
- SELV and Class II design, suitable for external installation of the luminaires
- Compliance with CE, EL and other certifications



Casambi ready, Optional independent/built-in, Adjustable current

Parameters

Mode	Input voltage	Output power	Power factor	Power factor	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-WQL042S-AHC1050AWCN	200-240VAC	42W	6-54V	0.1-1.05A	0.97	90.5%	9%	60°C	90°C	L97.5*W44*H23.4 (Built-in)
BK-WQL042S-AHC1050AWCP	200-240VAC	42W	6-54V	0.3-1.05A	0.97	90.5%	9%	60°C	85°C	L97.5*W44*H23.4 (Built-in)

Suffix WCP: Casambi Wireless+DIP switch

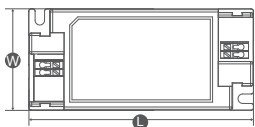
Suffix WCN: Casambi Wireless+NFC programmable

Specifications

Rated input voltage:	200-240VAC/200-240VDC
Input voltage range:	180-264VAC/180-264VDC
Input votage shock:	380VAC
Protection type:	Class II
Output type:	SELV
Output current accuracy:	5%
Dimming range:	0.1-100%
Power on time:	<0.7s
Standby power:	<0.5W
No load output voltage:	N/A
Surge:	L-N:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20°C-60°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)

Built-in



DRL (S) series
CC Built-in dimmable driver (DALI-2 DT6) **NEW**

Features

- Support DALI-2+pushDIM dimming interfaces
- Circular compact appearance design, output wire connection
- Support EnergyData function and energy-reporting reading (DALI Part 252)
- Support Luminaire data reading (DALI Part 251), support diagnostics-maintenance reading (DALI Part 253)
- Support advanced functions such as corridorDIM, EL, CLO
- The output current programming can be realized through the DALI interface or NFC interface
- Standby power input <0.5W, which meets the requirements of ErP certification
- Using HPC patented technology, the brightness can remain same when dimming
- High PF, high efficiency, low THD
- Intelligent LED hot-plug protection function
- SELV and Class II design, suitable to intallate within the luminaires
- Compliance with CE, UKCA, ENEC, RCM, CCC, DALI-2, EL and other certifications



Parameters

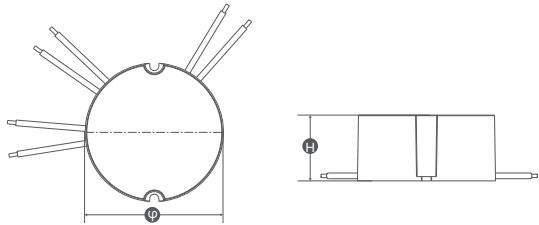
Mode	Input voltage	Output power	Output voltage	Power factor	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-DRL010S-AHC0500ADN	200-240VAC	10.5W	2.5-42V	0.1-0.5A	0.9	84%	15%	60°C	85°C	φ42*H21mm
BK-DRL015S-AHC0700ADN	200-240VAC	15W	2.5-42V	0.1-0.7A	0.96	86%	11%	60°C	85°C	φ48*H23mm

Suffix DN: DALI-2+pushDIM+EnergyData+corridorDIM+EL+CLO+DALI programmable+NFC programmable

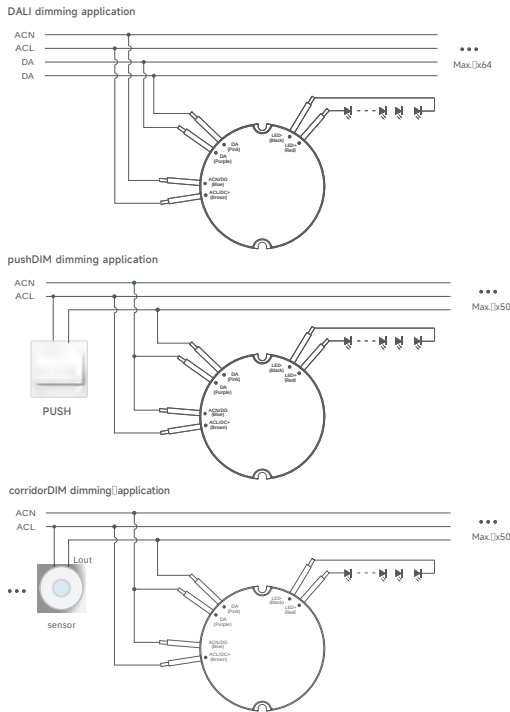
Specifications

Rated input voltage:	200-240VAC/200-240VDC
Input voltage range:	180-264VAC/180-264VDC
Input votage shock:	380VAC
Protection type:	Class II
Output type:	SELV
Output current accuracy:	5%
Dimming range:	0.1-100%
Power on time:	<0.75s
Standby power:	<0.5W
No load output voltage:	60VDC
Surge:	L-N:1KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20°C-45/50/60°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



Wiring diagram



BQL (S) series
CC Built-in driver (ON/ODFF)

Features

- 16 levels current output can be realized by DIP switch
- The output current and related parameters of the driver programming can be realized through the NFC interface
- Flicker-free output, which meets the requirement of ErP standard
- Withstand 380VAC high voltage short-time shock
- Mains surge capability up to 2KV
- Screw-free design, easy wiring
- High PF, high efficiency, low THD
- Optional Junction box: support up to 2.5mm² cable and loop-through function
- Pushable strain relief design,easy to crimp and install
- SELV and Class II design, suitable for external installation of the luminaires
- Compliance with Zhaga Book 24/25 standards
- Compliance with CE, ENEC, UKCA, RCM, CCC, EL and other certifications

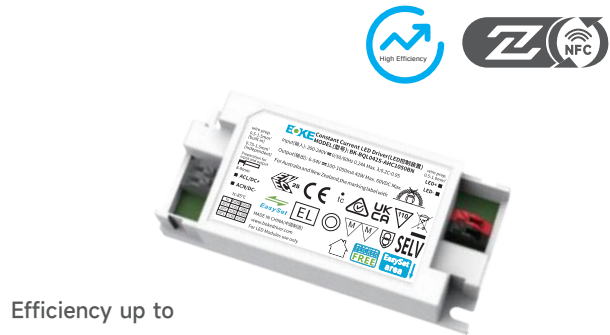


Parameters

Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-BQL042S-AHC1050AS	200-240VAC	42W	3-49V	0.3-1.05A	0.97	91.5%	9%	60°C	85°C	L97.5*W44*H23.4 (Built-in)
BK-BQL042S-AHC1050BN	200-240VAC	42W	6-54V	0.1-1.05A	0.97	91.5%	9%	60°C	85°C	L97.5*W44*H23.4 (Built-in)

Specifications

Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/200-264VDC
Input votage shock:	380VAC
Protection type:	Class II
Output type:	SELV
Output current accuracy:	5%
Output current accuracy:	<0.5s
No load output voltage:	60VDC
Surge:	L-N:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20°C-45/50/60°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

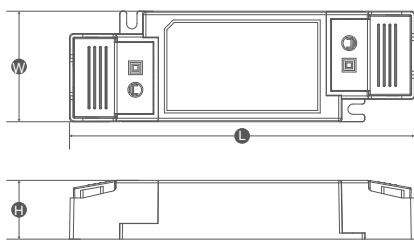


Efficiency up to

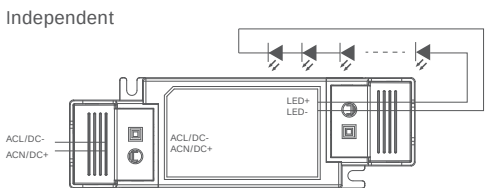
91.5%

Adjustable current, Loop in loop out
Optional independent/built-in, Optional junction box

Dimension(unit:mm)



Wiring diagram



CC Built-in dimmable driver (DALI-2 DT6)

- Support DALI-2+pushDIM mode
- 16 levels current output can be realized by DIP switch
- Support EnergyData function and energy-reporting reading (DALI Part 252)
- Support luminaire data reading (DALI Part 251), support diagnostics-maintenance reading (DALI Part 253)
- Support advanced functions such as corridorDIM, EL, CLO
- The output current programming can be realized through the DALI interface and the NFC interface
- Soft dimming and flicker-free at any brightness
- Using HPC patented technology, the brightness can remain same when dimming
- Standby power input<0.5W, meets the requirements of ErP certification
- High PF, high efficiency, low THD
- Optional Junction box: support up to 2.5mm² cable and loop-through function
- Screw-free and pressing type strain relief, supports thicker cables and is easier to install
- Independent input and output strain relief, stronger wiring
- Intelligent LED hot-plug protection function
- SELV and Class II design, suitable for external installation of the luminaires
- Compliance with Zhaga Book 24/25 standards
- Passed CE, ENEC, UKCA, RCM, DALI-2 and other certifications

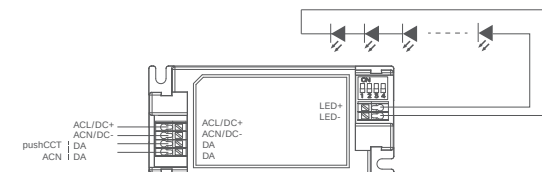


Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-DQL030S-BHA0800ADP	200-240VAC	28.8W	24-36V	0.1-0.8A	0.97	92.5%	6%	60℃	85℃	L98*W43.5*H21 (Built-in)
BK-DQL030S-BHA0800ADN	200-240VAC	28.8W	24-36V	0.1-0.8A	0.97	92.5%	6%	60℃	85℃	L98*W43.5*H21 (Built-in)
BK-DQL042S-AHC1050ADP	200-240VAC	42W	6-54V	0.3-1.05A	0.97	90.5%	9%	60℃	85℃	L97.5*W44*H23.4 (Built-in)
BK-DQL042S-AHC1050ADN	200-240VAC	42W	6-54V	0.15-1.05A	0.97	90.5%	9%	60℃	85℃	L97.5*W44*H23.4 (Built-in)
BK-DQL042S-BHA1050ADP	200-240VAC	42W	24-42V	0.3-1.05A	0.98	93%	7%	60℃	85℃	L98*W43.5*H21 (Built-in)
BK-DQL042S-BHA1050ADN	200-240VAC	42W	24-42V	0.1-1.05A	0.98	93%	7%	60℃	85℃	L98*W43.5*H21 (Built-in)

Suffix DN: DALI-2+pushDIM+EL+CLO+corridorDIM+DALI programmable+NFC programmable

Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/180-264VDC
Input voltage shock:	380V
Protection type:	Class II
Output type:	SELV
Output current accuracy:	5%
Dimming range:	0.1-100%
Power on time:	<0.7s
Standby power:	<0.5W
No load output voltage:	60VDC
Surge:	L-N:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20°C-45/50/60°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Built-in



DT6, PUSH, Adjustable current
Loop in loop out
Optional independent/built-in
Optional junction box

AC Integrated track dimmable driver (4 Wire/Casambi Ready)

- Integrated Casambi wireless module for the Casambi wireless ecosystem
- Support Casambi Wireless Long Range (LR) mode network
- 16 levels current output can be realized by DIP switch
- Support advanced functions such as EL, CLO
- The output current and more functions of the driver can be realized through the NFC interface
- Supports quick construction of Casambi networks with up to 250 devices
- Casambi wireless mesh networking, stable work
- Support for over-the-air firmware updates with Casambi App
- Compatible track system with mainstream brands and models
- Optional accessory M10*8 for mounting the luminaire head
- Soft dimming and flicker-free at any brightness, meets the new requirements of ErP certification
- Using HPC patented technology at any dimming level, the brightness between lights is same
- High PF, low THD
- Intelligent LED hot-plug protection function
- SELV and Class II design, suitable for AC integrated track
- Compliance with Zhaga Book 24/25 standards
- Compliance with CE, ENEC, UKCA, EL and other certifications



Casambi ready,Adjustable current

Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-WTL042S-AHC1050AWCNX	200-240VAC	42W	10-42V	0.3-1.05A	0.98	90.5%	10%	45℃	85℃	L235*W42*H31
BK-WTL042S-AHC1050AWCPX	200-240VAC	42W	10-42V	0.3-1.05A	0.98	90.5%	10%	45℃	85℃	L235*W42*H31

Suffix WCN: Casambi ready+CLO+NFC programmable

Suffix X=W: White Suffix X=B: Black Suffix X=G: Grey

Rated input voltage:	200-240VAC/200-240VDC
Input voltage range:	180-264VAC/180-264VDC
Input voltage shock:	380VAC
Protection type:	Class II
Output type:	SELV
Output current accuracy:	5%
Dimming range:	0.1-100%
Power on time:	<0.75s
Standby power:	< 0.5W
No load output voltage:	59VDC
Surge:	L-N:2KV
Operation-free:	Pst LM <1,SVM <0.4
Operation temperature:	-25°C-45°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Technical drawing of the 1000L gas cylinder. The top view shows a cylindrical body with a diameter of 219 mm. The side view shows a total height of 1066 mm. The drawing includes a label 'cylinder 1000L' and a pressure rating of 15 bar. The bottom view shows the base of the cylinder with a diameter of 219 mm and a height of 1066 mm.

WSL (S) series

AC Integrated track tunable white driver (4 Wire/Casambi Ready)

NEW



Technology Partner
CASAMBI



Features

- Integrated Casambi wireless module for the Casambi wireless ecosystem
- Support Casambi Wireless Long Range (LR) mode network
- The output current and more functions of the driver can be realized through the NFC interface
- Supports quick construction of Casambi networks with up to 250 devices
- Casambi wireless mesh networking, stable work
- Support for over-the-air firmware updates with Casambi App
- Compatible track system with mainstream brands and models
- Optional accessory M10*8 for mounting the luminaire head
- Soft dimming and flicker-free at any brightness, meets the new requirements of ErP certification
- Using HPC patented technology, the brightness can remain same when dimming
- High PF, low THD
- Intelligent LED hot-plug protection function
- SELV and Class II design, suitable for AC integrated track
- Compliance with Zhaga Book 24/25 standards
- Compliance with CE, ENEC, UKCA, EL and other certificationsc

Adjustable current



Parameters

Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-WSL042S-AHC1050AWCPX	200-240VAC	42W	10-42V	0.3-1.05A	0.98	90.5%	10%	45°C	85°C	L235*W42*H31
BK-WSL042S-AHC1050AWCNX	200-240VAC	42W	10-42V	0.1-1.05A	0.98	90.5%	10%	45°C	85°C	L235*W42*H31

Suffix WCP: Casambi ready

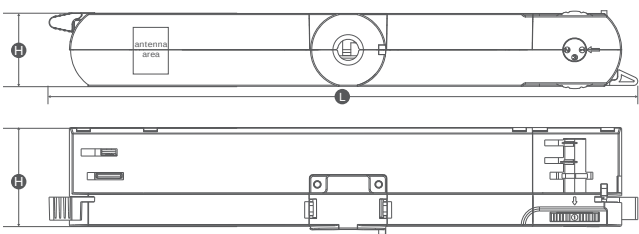
Suffix WCN: Casambi ready+CLO+NFC programmable

Suffix X=W: White Suffix X=B: Black Suffix X=G: Grey

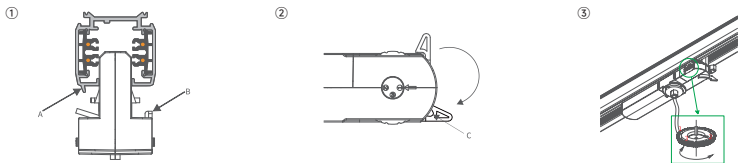
Specifications

Rated input voltage:	200-240VAC/200-240VDC
Input voltage range:	180-264VAC/180-264VDC
Input votage shock:	380VAC
Protection type:	Class II
Output type:	SELV
Output current accuracy:	5%
Dimming range:	0.1-100%
Power on time:	<0.7s
Standby power:	< 0.5W
No load output voltage:	59VDC
Surge:	L-N:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20°C-45°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



Wiring diagram



PTL (S) series

CC AC In-track Driver (4 Wire/ON/OFF)

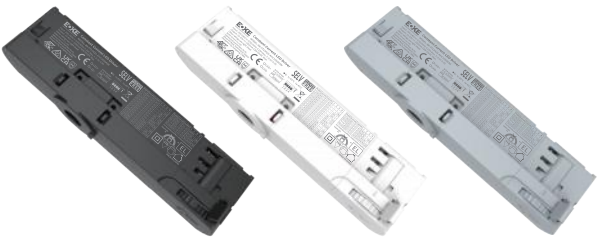
Features

- Efficiency up to 91.5%, THD as low as 8%
- 12/16 levels current output can be realized by DIP switch
- Compatible 3-phase & 4-wire track system with mainstream brands and models
- Optional accessory M10*8 or M10*12 for mounting the luminaire head
- Flicker-free output, which meets the requirement of ErP standard
- SELV and Class II design, suitable for AC integrated track
- Compliance with CE, UKCA, ENEC, RCM, CCC, EL and other certifications



Efficiency up to

91.5%



ON/OFF, Efficiency up to 91.5%, Adjustable current

Parameters

Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-PTL030S-AHC0700ASX	200-240VAC	29.4W	10-42V	0.15-0.7A	0.97	91.5%	11%	45°C	75°C	L158*W42*H31
BK-PTL042S-AHC1050ASX	200-240VAC	42W	10-42V	0.3-1.05A	0.98	91.5%	8%	45°C	85°C	L158*W42*H31

Suffix X=W: White

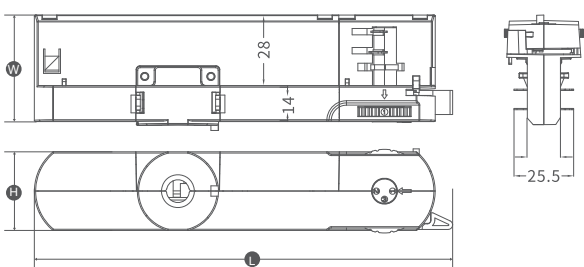
Suffix X=B: Black

Suffix X=G: Grey

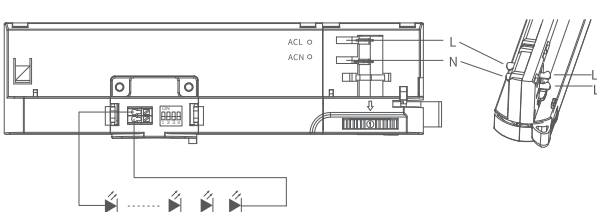
Specifications

Rated input voltage:	200-240VAC/200-240VDC
Input voltage range:	180-264VAC/180-264VDC
Input votage shock:	380VAC
Protection type:	Class II
Output type:	SELV
Output current accuracy:	5%
Power on time:	<0.5s
No load output voltage:	55VDC
Surge:	L-N:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-25°C-45°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



Wiring diagram



CT L(S) series

CC AC In-track driver (4 Wire/ON/OFF)

Features

- Efficiency up to 91%, THD as low as 8.5%
- 3 levels of color temperature optional by sliding switch
- 16 levels current output can be realized by DIP switch
- Compatible 3-phase track system with mainstream brands and models
- Flicker-free output, which meets the requirement of ErP standard
- SELV and Class II design, suitable for AC integrated track
- Compliance with CE, ENEC, UKCA, RCM, CCC, EL and other certifications



ON/OFF, Efficiency up to 91%, CCT-switch
Adjustable current

Parameters

Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-CTL042S-AHC1050ASX	200-240VAC	42W	10-42V	0.3-1.05A	0.98	91%	8.5%	45℃	85℃	L172*W42*H31

Suffix X=W: White

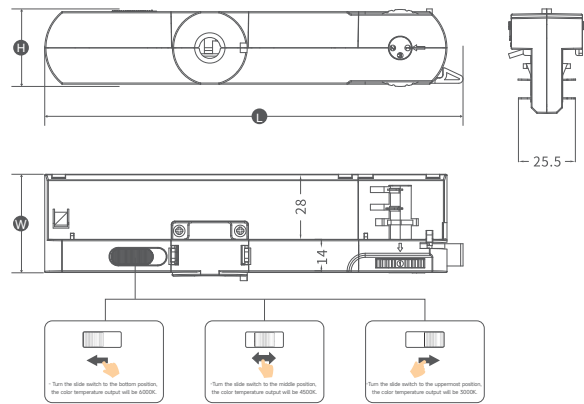
Suffix X=B: Black

Suffix X=G: Grey

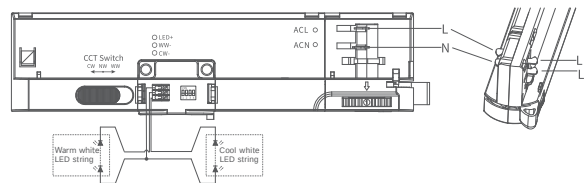
Specifications

Rated input voltage:	200-240VAC/200-240VDC
Input voltage range:	180-264VAC/180-264VAC
Input votage shock:	380VAC
Protection type:	Class II
Output type:	SELV
Output current accuracy:	5%
Power on time:	<0.5s
No load output voltage:	55VDC
Surge:	L-N:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-25°C-45°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



Wiring diagram



DTL (S) series

AC Integrated track dimmable driver (6 Wire/DALI-2 DT6)

Features

- Support DALI-2+pushDIM dimming interface
- Support EnergyData function and energy-reporting reading (DALI Part 252)
- Support Luminaire data reading (DALI Part 251), support diagnostics-maintenance reading (DALI Part 253)
- Support advanced functions such as corridorDIM, EL, CLO
- The output current programming can be realized through the DALI interface and the NFC interface
- 16 levels current output can be realized by DIP switch
- Soft dimming and flicker-free at any brightness, meets the new requirements of ErP certification
- Using HPC patented technology, the brightness can remain same when dimming
- Standby power input $<0.5W$, meets the ErP requirements of new certification
- High PF, low THD
- Intelligent LED hot-plug protection function
- SELV and Class II design, suitable for AC integrated track
- Compliance with Zhaga Book 24/25 standards
- Placed CE, ENEC, UKCA, RCM, DALI-2, EL and other certifications



Efficiency up to
90.5%



DT6, PUSH, Efficiency up to 90.5%, Adjustable current



Parameters

Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-DTL042S-AHC1050ADPX	200-240VAC	42W	10-42V	0.3-1.05A	0.98	90.5%	10%	45℃	85℃	L235*W42*H31
BK-DTL042S-AHC1050ADNX	200-240VAC	42W	10-42V	0.15-1.05A	0.98	90.5%	10%	45℃	85℃	L235*W42*H31

Suffix DP: DALI-2+pushDIM+EL+CLO+corridorDIM+DALI programmable

Suffix DN: DALI-2+pushDIM+EL+CLO+corridorDIM+DALI programmable+NFC programmable

Suffix X=W: White

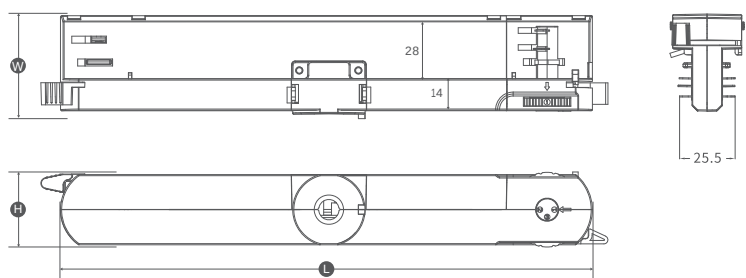
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Suffix X=G: Grey

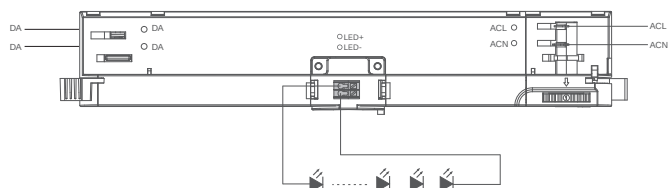
Specifications

Rated input voltage:	200-240VAC/200-240VDC
Input voltage range:	180-264VAC/180-264VDC
Input voltage shock:	380VAC
Protection type:	Class II
Output type:	SELV
Output current accuracy:	5%
Dimming range:	0.1-100%
Power on time:	<0.7s
Standby power:	<0.5W
No load output voltage:	59VDC
Surge:	L-N:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20°C-45°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



Wiring diagram



DSL (S) series

AC Integrated track color temperature driver (6 Wire/DALI-2 DT8)

Features

- Support DALI-2+pushDIM+pushCCT control
- Support EnergyData function and energy-reporting reading (DALI Part 252)
- Support Luminaire data reading (DALI Part 251), support diagnostics-maintenance reading (DALI Part 253)
- Support advanced functions such as corridorDIM, EL, CLO
- The output current programming can be realized through the DALI interface and the NFC interface
- 16 levels current output can be realized by DIP switch
- Compatible 6-wire track system with mainstream brands and models
- Soft dimming and flicker-free at any brightness, meets the new requirements of ErP certification
- Using HPC patented technology, the brightness can remain same when dimming
- Standby power input <0.5W,meets the ErP requirements of new certification
- High PF,low THD
- Intelligent LED hot-plug protection function
- SELV and Class II design, suitable for AC integrated track
- Compliance with Zhaga Book 24/25 standards
- Plassed CE, ENEC, UKCA, RCM, DALI-2 , EL and other certifications

Energy Data
Part 251-253



Efficiency up to
90.5%



DT8 CCT, PUSH, Efficiency up to 90.5%, Adjustable current

**Parameters**

Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-DSL042S-AHC1050ADPX	200-240VAC	42W	10-42V	0.3-1.05A	0.98	90.5%	10%	45°C	85°C	L235*W42*H31
BK-DSL042S-AHC1050ADNX	200-240VAC	42W	10-42V	0.15-1.05A	0.98	90.5%	10%	45°C	85°C	L235*W42*H31

Suffix DP: DALI-2+pushDIM+EL+CLO+corridorDIM+DALI programmable

Suffix DN: DALI-2+pushDIM+EL+CLO+corridorDIM+DALI programmable+NFC programmable

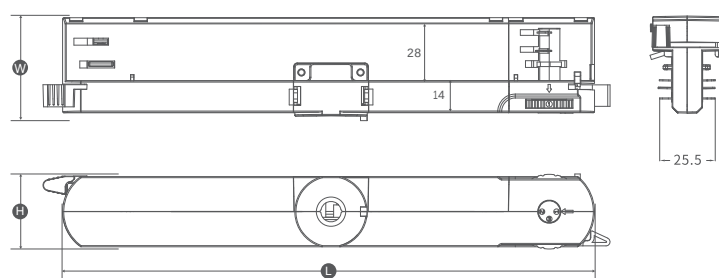
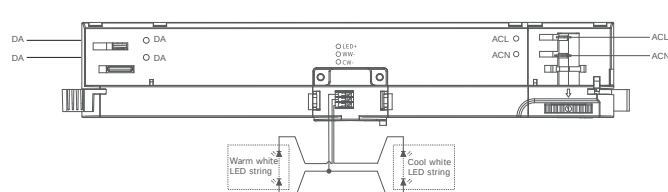
Suffix X=W: White

Suffix X=B: Black

Suffix X=G: Grey

Specifications

Rated input voltage:	200-240VAC/200-240VDC
Input voltage range:	180-264VAC/180-264VDC
Input votage shock:	380VAC
Protection type:	Class II
Output type:	SELV
Output current accuracy:	5%
Dimming range:	0.1-100%
Power on time:	<0.7s
Standby power:	<0.5W
No load output voltage:	59VDC
Surge:	L-N:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20°C-45°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

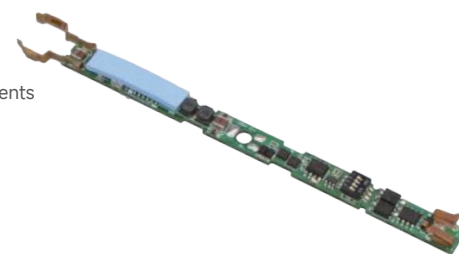
Dimension(unit:mm)**Wiring diagram****DDWT (S) series**

DC Track light color temperature driver(DALI-2 DT8)

NEW

Features

- Support DALI-2 DT8 control
- Not polarity
- 16 levels current output can be realized by DIP switch
- Soft dimming and flicker-free at any brightness, meets the new requirements of ErP certification
- Using HPC patented technology, at any dimming level, the brightness of the luminaries is the same
- Standby power input < 0.5W, meets the requirements of ErP certification
- Intelligent LED hot-plug protection function (No more than 5 sets at the same time)
- Suitable for STUCCHI standard housing
- SELV and Class III design, suitable to intallate within the luminaires



DT8, Adjustable current

EMC
Passed



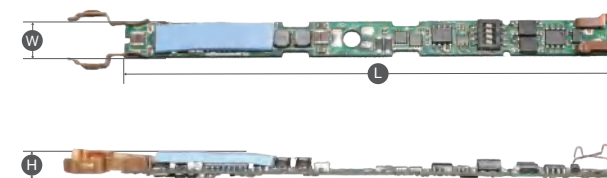
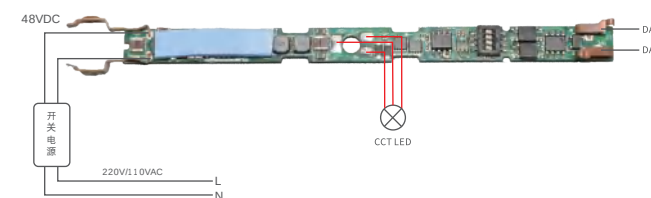
Suitable for STUCCHI standard housing
·9619-M1/B
·9619-M/B
·9619-M22/B

Parameters

Mode	Input voltage	Output power	Output voltage	Output current	Full load Efficiency	Ta	Dimension (mm)
BK-DDWT024S-ACE0600AD	48VDC	25.2W	2.5-42V	0.1-0.6A	93%	45°C	L113.5*W5*H5

Specifications

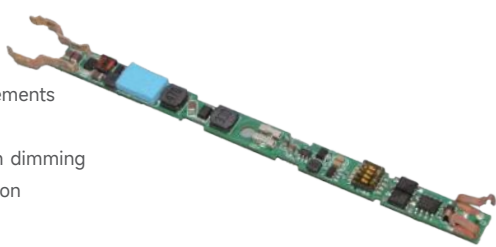
Rated input voltage:	48VDC
Input voltage range:	N/A
Input votage shock:	N/A
Protection type:	Class III
Output type:	SELV
Output current accuracy:	2%
Dimming range:	1-100%
Power on time:	<0.6s
Standby power:	<0.5W
No load output voltage:	N/A
Surge:	N/A
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-25°C-45°C(With package)
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)**Wiring diagram**

DDET (S) series
DC Track light dimmable driver (DALI-2 DT6)

Features

- Support DALI-2 DT6 control
- Not polarity
- 16 levels current output can be realized by DIP switch
- Soft dimming and flicker-free at any brightness, meets the new requirements of ErP certification
- Using HPC patented technology, the brightness can remain same when dimming
- Standby power input < 0.5W, meets the requirements of ErP certification
- Intelligent LED hot-plug protection function (No more than 5 sets at the same time)
- Suitable for STUCCHI standard housing
- SELV and Class III design, suitable to intallate within the luminaires
- Compliance with CE,DALI-2 and other certifications



Wide 8mm, Adjustable current

EMC
Passed



Suitable for STUCCHI
standard housing
·9619-M1/B
·9619-M/B
·9619-M22/B

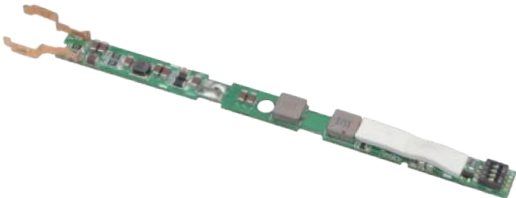
Parameters

Mode	Input voltage	Output power	Output voltage	Output current	Full load Efficiency	Ta	Dimension (mm)
BK-DDET024S-ACE0700AD	48VDC±5%	25.2W	8-40V	0.1-0.7A	92%	45°C	L113.5*W8*H5

DBET (S) series
DC Track light driver (ON/OFF)

Features

- Not polarity
- 16 levels current output can be realized by DIP switch
- Flicker-free output, which meets the requirement of ErP standard
- Suitable for STUCCHI standard housing
- SELV and Class III design, suitable to intallate within the luminaires
- Compliance with CE and other certifications



Wide 8mm, Adjustable current

EMC
Passed



Suitable for STUCCHI
standard housing
·9619-M1/B
·9619-M/B
·9619-M22/B

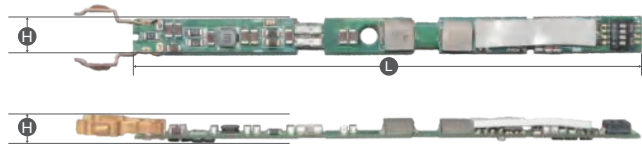
Parameters

Mode	Input voltage	Output power	Output voltage	Output current	Full load Efficiency	Ta	Dimension (mm)
BK-DBET030S-ACE0700AS	48VDC±5%	29.4W	2.5-42V	0.1-0.7A	92%	45°C	L113.5*W8*H5

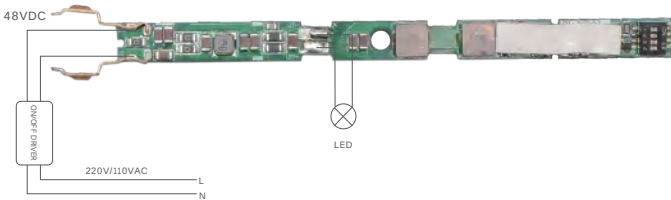
Specifications

Rated input voltage:	48VDC±5%
Protection type:	Class III
Output type:	SELV
Output current accuracy:	5%
Power on time:	< 0.6s
Standby power:	< 0.5W
No load output voltage:	48VDC
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-25-45°C(With package)
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



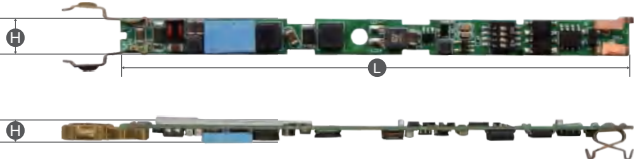
Wiring diagram



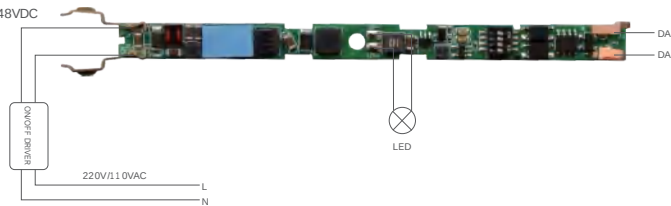
Specifications

Rated input voltage:	48VDC±5%
Protection type:	Class III
Output type:	SELV
Output current accuracy:	2%
Dimming range:	0.1-100%
Power on time:	0.6s
Standby power:	< 0.5W
No load output voltage:	48VDC
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-25-45°C(With package)
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



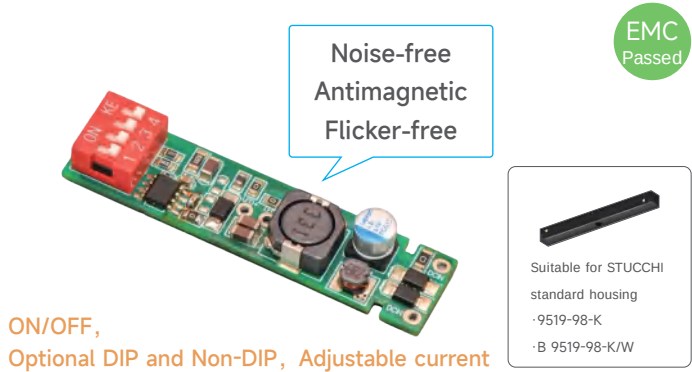
Wiring diagram



BET-A series
DC track light driver (ON/OFF)

Features

- No polarity of input
- Optional DIP and Non-DIP
- 13 levels current output can be realized by DIP switch
- Flicker-free output,which meets the requirement of ErP standard
- Output current accuracy < 5%
- Suitable for STUCCHI standard housing
- SELV and Class III design, suitable to intallate within the luminaires



ON/OFF,
Optional DIP and Non-DIP, Adjustable current

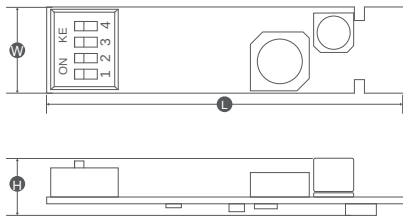
Parameters

Mode	Input voltage	Output power	Output voltage	Output current	Full load Efficiency	Ta	Dimension (mm)
BK-BET030-A0700AS	48VDC±5%	29.4W	2.5-42V	0.1-0.7A	94%	45°C	L58*W14*H9.4

Specifications

Rated input voltage:	48VDC±5%
Protection type:	Class III
Output current accuracy:	5%
Power on time:	0.5s
No load output voltage:	48VDC
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20-50°C(With package)
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

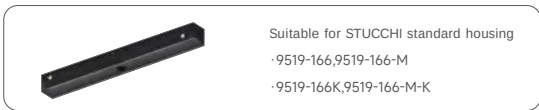
Dimension(unit:mm)



BET-B series
DC Track light driver (ON/OFF)

Features

- Suitable for DC48V track light
- 8-level current output can be realized by DIP witch
- No polarity of DC input
- Noise-free while working
- Output and work are not affected by magnets
- Compatible with Stucchi housing,good compatibility
- SELV and Class III design, suitable to intallate within the luminaires
- Compliance with EMC,CE certifications



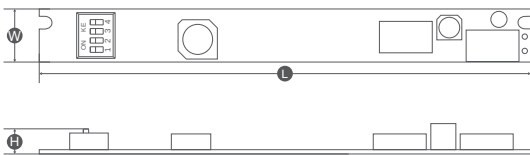
Parameters

Mode	Input voltage	Output power	Output voltage	Output current	Full load Efficiency	Ta	Dimension (mm)
BK-BET030-B0700AS	48VDC±5%	29.4W	12-42V	0.15-0.4A	92%	45°C	L125*W13.5*H9

Specifications

Rated input voltage:	48VDC±5%
Protection type:	Class III
Output current accuracy:	5%
Power on time:	0.5s
No load output voltage:	48VDC
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20-45°C(With package)
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



MET series

DC Track light dimmable driver (1-10V)

Features

- Support 1-10V/10V PWM/Rx dimming mode
- Not polarity
- 16 levels current output can be realized by DIP-switch
- Soft dimming and flicker-free at any brightness, meets the new requirements of ErP certification
- Using HPC patented technology, the brightness can remain same when dimming
- Standby power input < 0.5W, meets the requirements of ErP certification
- Intelligent LED hot-plug protection function
- Suitable for STUCCHI standard housing
- SELV and Class III design, suitable to intallate within the luminaires
- Compliance with CE and other certifications



Noise-free
Antimagnetic
Flicker-free

1-10V, Rx, Adjustable current



Suitable for STUCCHI standard housing
·9519-166,9519-166-M
·9519-166-K,9519-166-M-K

Parameters

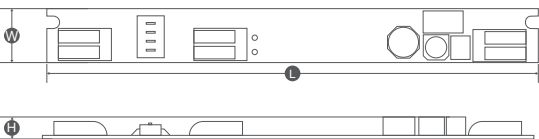
Mode	Input voltage	Output power	Output voltage	Output current	Full load Efficiency	Ta	Dimension (mm)
BK-MET030-A0800AM	48VDC±5%	30.4W	12-42V	0.1-0.8A	93.5%	45°C	L125*W13.7*H8.5

Suffix M: 1-10V/10V PWM/Rx

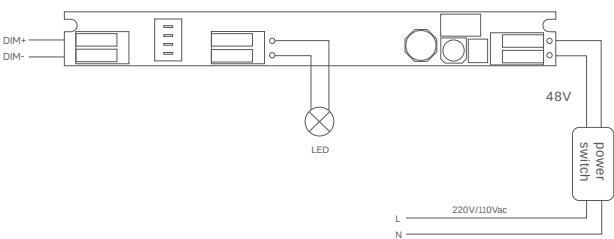
Specifications

Rated input voltage:	48VDC±5%
Protection type:	Class III
Output current accuracy:	2%
Dimming range:	0.1-100%
Power on time:	0.5s
Standby power:	<0.5W
No load output voltage:	48VDC
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-25-45°C(With package)
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



Wiring diagram

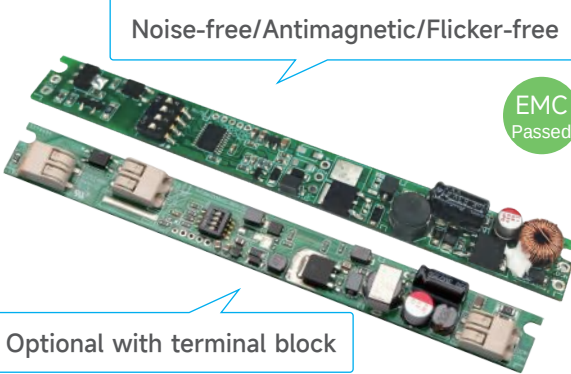


DET series

DC Track light dimmable driver (DALI-2 DT6)

Features

- Support DALI-2 DT6 control
- Not polarity
- 10/16 levels current output can be realized by DIP switch
- Soft dimming and flicker-free at any brightness, meets the new requirements of ErP certification
- Using HPC patented technology, at any dimming level, the brightness of the luminaries is the same
- Standby power input < 0.5W, meets the requirements of ErP certification
- Intelligent LED hot-plug protection function
- Suitable for STUCCHI standard housing
- SELV and Class III design, suitable to intallate within the luminaires
- Compliance with CE, DALI-2 and other certifications



Optional with terminal block

DT6, Adjustable current



Suitable for STUCCHI standard housing
·9519-166,9519-166-M
·9519-166-K,9519-166-M-K

Parameters

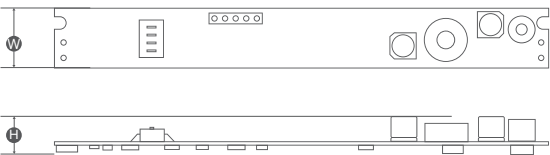
Mode	Input voltage	Output power	Output voltage	Output current	Full load Efficiency	Ta	Dimension (mm)
BK-DET012-A0700Ad	48VDC±5%	10.5W	3-15V	0.15-0.7A	85%	45°C	L125*W13.7*H10.5
BK-DET012-A0800Ad	48VDC±5%	12W	3-15V	0.1-0.8A	85%	45°C	L125*W13.7*H10.5
BK-DET030-C0700Ad	48VDC±5%	29.4W	12-42V	0.15-0.7A	92.5%	45°C	L125*W13.7*H10.5
BK-DET030-C0800Ad	48VDC±5%	30.4W	12-42V	0.1-0.8A	92.5%	45°C	L125*W13.7*H10.5
BK-DET030-D0800Ad	48VDC±5%	30.4W	12-42V	0.1-0.8A	93.5%	45°C	L125*W13.7*H8.5

Suffix d: DALI-2

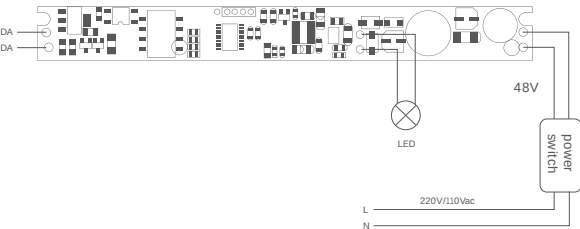
Specifications

Rated input voltage:	48VDC±5%
Protection type:	Class III
Output current accuracy:	2%
Dimming range:	1-100%/0.1-100%
Power on time:	0.7s
Standby power:	<0.5W
No load output voltage:	25VDC/48VDC
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-25-45°C(With package)
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



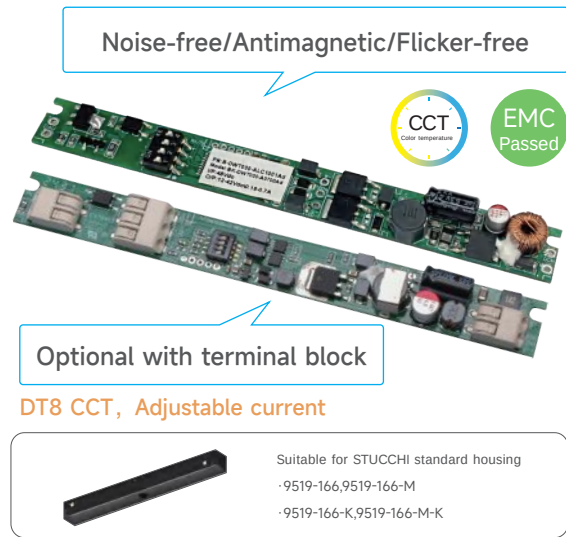
Wiring diagram



DWT series
DC Track light color temperature driver (DALI-2 DT8)

Features

- Support DALI-2 DT8 control
- Not polarit
- 10 levels current output can be realized by DIP switch
- Soft dimming and flicker-free at any brightness, meets the new requirements of ErP certification
- Using HPC patented technology, the brightness can remain same when dimming
- Standby power input < 0.5W, meets the requirements of ErP certification
- Intelligent LED hot-plug protection function
- Suitable for STUCCHI standard housing
- SELV and Class III design, suitable to intallate within the luminaires
- Compliance with CE, DALI-2 and other certifications



Parameters

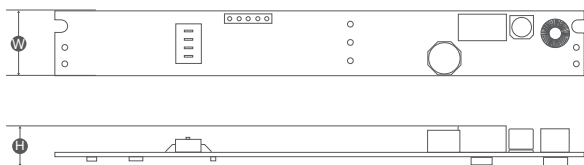
Mode	Input voltage	Output power	Output voltage	Output current	Full load Efficiency	Ta	Dimension (mm)
BK-DWT012-A0700Ad	48VDC±5%	10.5W	3-15V	0.15-0.7A	85.5%	45°C	L125*W13.7*H10.5
BK-DWT012-A0800Ad	48VDC±5%	12W	3-15V	0.1-0.8A	85.5%	45°C	L125*W13.7*H10.5
BK-DWT030-A0700Ad	48VDC±5%	29.4W	12-42V	0.15-0.7A	92.5%	45°C	L125*W13.7*H10.5
BK-DWT030-A0800Ad	48VDC±5%	30.4W	12-42V	0.1-0.8A	92.5%	45°C	L125*W13.7*H10.5
BK-DWT030-C0800Ad	48VDC±5%	30.4W	12-42V	0.1-0.8A	93.5%	45°C	L125*W13.7*H8.5

Suffix d: DALI-2

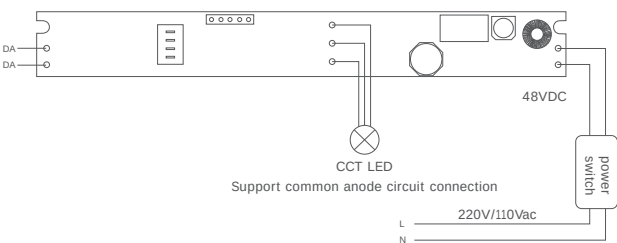
Specifications

Rated input voltage:	48VDC±5%
Protection type:	Class III
Output current accuracy:	2%
Dimming range:	1-100%/0.1-100%
Power on time:	0.7s
Standby power:	<0.5W
No load output voltage:	25VDC/48VDC
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-25-45°C(With package)
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)

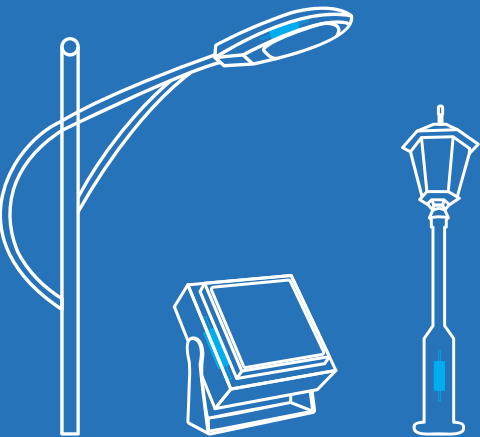


Wiring diagram



Waterproof driver series

- Suitable for street lights, flood lights, high-bay lights, garden lights or other outdoor or humid environment lights.
- Support DALI-2/1-10V/10V PWM/Rx/IoT inte interface and other dimming methods.
- 18W-320W waterproof.



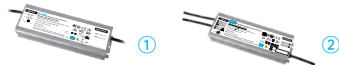
Series specifications

CC Isolated



CC series	Picture	Dimmable	Features	Power (W)	Page
PPL	1	ON/OFF	Flicker-free/IP65	18-60	122
PHL	2	ON/OFF	Flicker-free/IP65/IP67 (Optional) /2KV/4KV (Optional 4KV/6KV)	22-60	123
MML	3	1-10V/10V PWM/Rx	Dimming depth 1%/1-10V programmable/IP65/2KV/4KV	22-40	124
DML	4	DALI-2 DT6	Dimming depth 1%/DALI & NFC programmable/IP65 2KV/4KV (Optional 4KV/6KV)	22-150	125

CV Isolated



CV series	Picture	Dimmable	Features	Power (W)	Page
HMV	1	ON/OFF	Flicker-free/IP67/4KV/6KV	100-450	126
DMV	2	DALI-2 DT6/pushDIM	Dimming depth 1%/IP67/4KV/6KV	60-340	127

PPL series
CC Waterproof driver (ON/OFF)

Features

- Flicker-free output, which meets the requirement of ErP standard
- High PF, high efficiency, low THD
- SELV and Class II design, suitable for use outside of the luminaires
- IP65 protection grade, indoor use is available
- Passed CE, ENEC, RCM, UKCA, EL and other certifications



ON/OFF, IP65, Plastic shell glue filling

Parameters

Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-PPL018-BXXXXA	200-240VAC	18W	28-40/42V	0.25-0.45A	0.96	86.5%	10%	60°C	90°C	L118*W41*H27
BK-PPL022-BXXXXA	200-240VAC	22.8W	28-38/40/42V	0.45-0.6A	0.96	86.5%	11%	60°C	90°C	L118*W41*H27
BK-PPL040-BXXXXA	200-240VAC	40W	30-40/42V	0.6-1A	0.97	88%	11%	60°C	90°C	L122*W42.5*H32
BK-PPL042-CXXXXA	200-240VAC	42W	28-38/40/42V	0.5-1.1A	0.98	93.5%	8%	60°C	90°C	L122*W42.5*H32
BK-PPL050-BXXXXA	200-240VAC	50.4W	28-40/42V	1.05-1.25A	0.97	88.5%	9%	60°C	90°C	L138*W45*H32
BK-PPL060-BXXXXA	200-240VAC	63W	28-38/40/42V	1.25-1.65A	0.97	89.5%	8%	60°C	90°C	L162*W51*H36

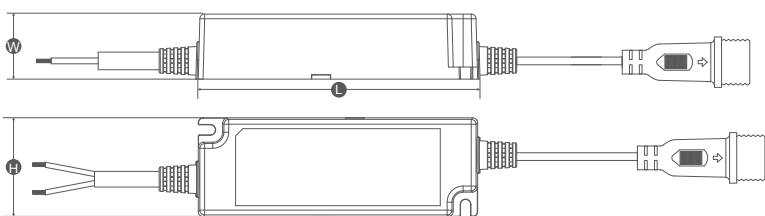
Output voltage:the output voltage may decrease when the output current approaches its maximum

XXXX: Output current, unit:mA

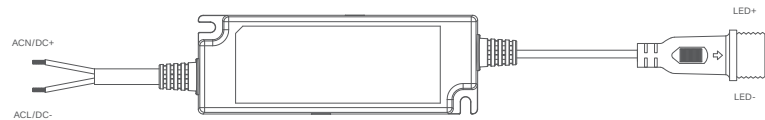
Specifications

Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/180-264VDC
Input votage shock:	380VAC
Protection type:	Class II
Output type:	SELV
Output current accuracy:	5%
Power on time:	<0.5s
Standby power:	N/A
No load output voltage:	50VDC/54VDC
Surge:	L-N:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20°C-60°C
Protection class:	IP65
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



Wiring diagram

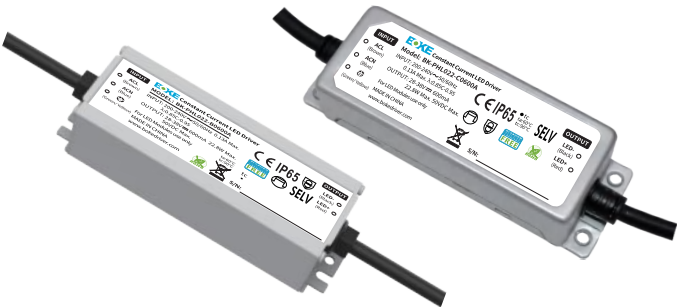


PHL series

CC Waterproof driver (ON/OFF)

Features

- Output flick-free, meets the new requirements of ErP certification
- IP65 design for indoor installation
- High PF, high efficiency, low THD
- Withstand 380VAC high voltage short-time shock
- Startup time <0.5s
- Aluminum alloy housing design
- SELV and Class I design, suitable for use inside of the luminaires
- Compliance with CE, ENEC, UKCA, RCM, CCC certifications



ON/OFF, IP65/IP67, Aluminum shell glue filling

Parameters

Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-PHL022-BXXXXA	200-240VAC	22.8W	28-42V	0.25-0.6A	0.98	87.5%	6.5%	60°C	90°C	L107*W43.5*H34
BK-PHL022-CXXXXA	200-240VAC	22.8W	28-42V	0.15-0.6A	0.98	87.5%	6.5%	60°C	90°C	L126*W41*H29
BK-PHL040-BXXXXA	200-240VAC	42W	28-42V	0.55-1.1A	0.99	90%	5%	60°C	90°C	L122*W43.5*H34
BK-PHL040-CXXXXA	200-240VAC	42W	28-42V	0.55-1.1A	0.99	90%	5%	60°C	90°C	L126*W41*H29
BK-PHL060-BXXXXA	200-240VAC	62.7W	28-42V	1.05-1.65A	0.97	90.5%	7.5%	60°C	90°C	L133*W56*H34

Output voltage:the output voltage may decrease when the output current approaches its maximum
XXXX: Output current, unit:mA

Specifications

Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/180-264VDC
Input votage shock:	380VAC
Protection type:	Class
Output type:	SELV
Output current accuracy:	5%
Power on time:	<0.5s
Standby power:	N/A
No load output voltage:	50VDC
Surge:	L-N:2KV, LN-FG:4KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-30°C-60°C
Protection class:	IP65/IP67
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



Wiring diagram



MML series

CC Independent dimmable driver (1-10V)

Features

- Support isolate interface dimming 1-10V/10V PWM/Rx dimming
- The output current of the driver can be programming through the 1-10V (DIM) interface
- High PF, high efficiency, low THD
- Soft dimming and flicker-free at any brightness, meets the new requirements of ErP certification
- Using HPC patented technology, the brightness can remain same when dimming
- Aluminum alloy housing design
- Power input on stand-by < 0.5W, which meets the requirement of ErP standard
- IP65 design for indoor installation
- Passed CE,ENEC, UKCA, RCM, EL certifications



1-10V, RX, IP65, Aluminum shell glue filling

Parameters

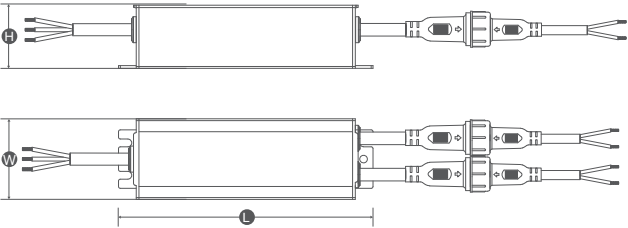
Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-MML022-A0600AMP	200-240VAC	23.1W	24-42V	0.15-0.6A	0.97	86%	7.5%	60°C	80°C	L137*W43.5*H34
BK-MML040-A1100AMP	200-240VAC	42W	24-42V	0.5-1.1A	0.98	87%	7%	60°C	80°C	L143*W56*H34

Suffix MP: 1-10V/10V PWM/Rx+1-10V programmable
Output voltage:the output voltage may decrease when the output current approaches its maximum

Specifications

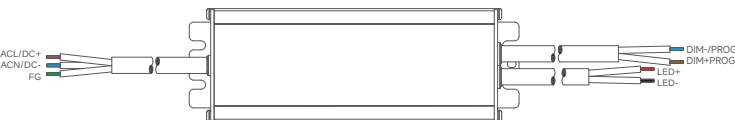
Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/180-264VDC
Input votage shock:	380V
Protection type:	Class
Output type:	SELV
Output current accuracy:	1%
Dimming range:	1-100%
Power on time:	<0.5s
Standby power:	<0.5W
Surge:	L-N:2KV,L-FG/N-FG:4KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20°C-60°C
Protection class:	IP65
Life time:	Normal 100,000 hours
Warranty:	5 years

Dimension(unit:mm)



Wiring diagram

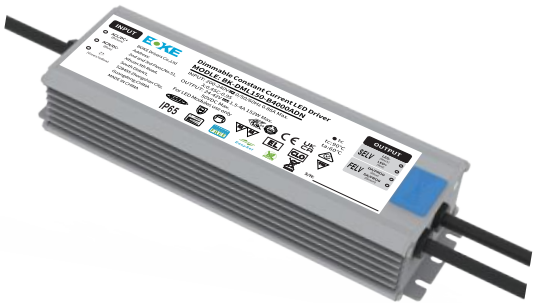
Suffix m: 1-10V/10V PWM/Rx+DIM programmable



DML series
CC Waterproof dimmable driver (DALI-2 DT6)

Features

- Support DALI-2 dimming mode
- Support advanced functions such as CLO
- Output current of the driver can be programmed through DALI interface and NFC interface
- High PF, high efficiency, low THD
- Soft dimming and flicker-free at any brightness, meets the new requirements of ErP certification
- Using HPC patented technology, the brightness can remain same when dimming
- Aluminum alloy housing design
- Standby power input<0.5W, meets the requirements of ErP certification
- LED hot-plug in protection function
- IP65 design for indoor installation
- Compliance with CE, ENEC, UKCA, RCM, DALI-2, CCC, EL certifications



DT6, IP65, Aluminum shell glue filling, Adjustable current



Parameters

Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-DML022-B0600AXX	200-240VAC	22.8W	12-42V	0.1-0.6A	0.97	86.5%	7.5%	60℃	90℃	L137*W43.5*H34
BK-DML040-B1100AXX	200-240VAC	42W	12-42V	0.4-1.1A	0.98	87.5%	7.5%	60℃	90℃	L143*W56*H34
BK-DML060-B1650AXX	200-240VAC	63W	12-42V	0.6-1.65A	0.97	88.5%	8.5%	60℃	90℃	L160*W56*H34
BK-DML080-B2200AXX	200-240VAC	84W	12-42V	0.8-2.2A	0.97	89.5%	8%	60℃	90℃	L160*W68*H38
BK-DML150-B4000AXX	200-240VAC	152W	24-42V	1.5-4A	0.98	91%	5%	60℃	90℃	L197*W68*H38

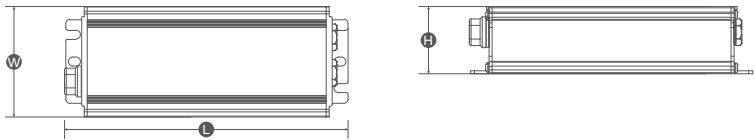
Suffix DP: DALI-2+CLO+DALI programmable

Suffix DN: DALI-2+DALI programmable+NFC programmable

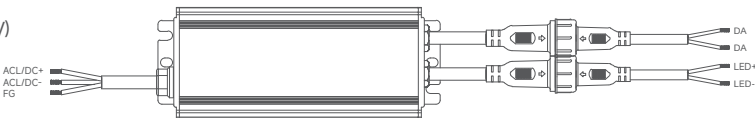
Specifications

Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/180-264VDC
Input votage shock:	380VAC
Protection type:	Class I
Output type:	SELV
Output current accuracy:	1%/2%
Dimming range:	1-100%
Power on time:	<0.7s
Standby power:	<0.5W
No load output voltage:	50VDC
Surge:	L-N:L-N:2KV,L/N-FG:4KV(Optional 4KV/6KV)
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-30℃-60℃
Protection class:	IP65
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



Wiring diagram



HMV series
CV Waterproof driver (ON/OFF)

Features

- Flicker-free output,which meets the requirement of ErP standard
- High PF, high efficiency, low THD
- Aluminum alloy housing design
- IP67 design for indoor installation



CV, ON/OFF, IP67, Aluminum shell glue filling

Parameters

Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-HMV100-24V0	110-277VAC	100.8W	24V	4.2A	0.99	94%	3%	50℃	90℃	L182*W56*H34
BK-HMV100-48V0	110-277VAC	100.8W	48V	2.1A	0.99	94%	3%	50℃	90℃	L182*W56*H34
BK-HMV150-24V0	120-277VAC	150W	24V	6.25A	0.99	93%	3%	50℃	90℃	L182*W68*H38
BK-HMV150-48V0	120-277VAC	150W	48V	3.12A	0.99	93%	3%	50℃	90℃	L182*W68*H38
BK-HMV240-24V0	200-277VAC 110-277VAC	240W	24V	10A 8.5A	0.99	94%	4%	50℃	90℃	L214*W68*H38
BK-HMV240-48V0	200-277VAC 110-277VAC	240W	48V	5A 4.25A	0.99	94%	4%	50℃	90℃	L214*W68*H38
BK-HMV320-24V0	200-277VAC 110-277VAC	320W	24V	13.3A 11.7A	0.99	93%	4%	50℃	90℃	L217*W89.5*H45.5
BK-HMV320-48V0	200-277VAC 110-277VAC	320W	48V	6.65A 5.8A	0.99	93%	4%	50℃	90℃	L217*W89.5*H45.5
BK-HMV450-24V0	200-277VAC 110-277VAC	450W	24V	18.75A 16A	0.99	93.5%	4%	50℃	90℃	L252*W89.5*H45.5
BK-HMV450-48V0	200-277VAC 110-277VAC	450W	48V	9.4A 8A	0.99	93.5%	4%	50℃	90℃	L252*W89.5*H45.5

Specifications

Rated input voltage:	120-277VAC/110-277VAC
Limited voltage:	108-305VAC/100-305VAC
Input votage shock:	380VAC
Protection type:	Class I
Output type:	SELV
Voltage accuracy:	3%/5%
Power on time:	<0.5s
Standby power:	N/A
Surge:	L-N:4KV,L-FG/N-FG:6KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20℃-60℃
Protection class:	IP67
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



Wiring diagram



DMV series
CV Waterproof dimmable driver (DALI-2 DT6)

Features

- Support DALI-2+pushDIM dimming mode
- High PF, high efficiency, low THD
- Soft dimming and flicker-free at any brightness, meets the new requirements of ErP certification
- Using HPC patented technology, the brightness can remain same when dimming
- Aluminum alloy housing design
- Standby power input<0.5W, meets the requirements of ErP certification
- IP67 design for indoor or outdoor installation



CV, DT6, PUSH, IP67, Aluminum shell glue filling

Parameters

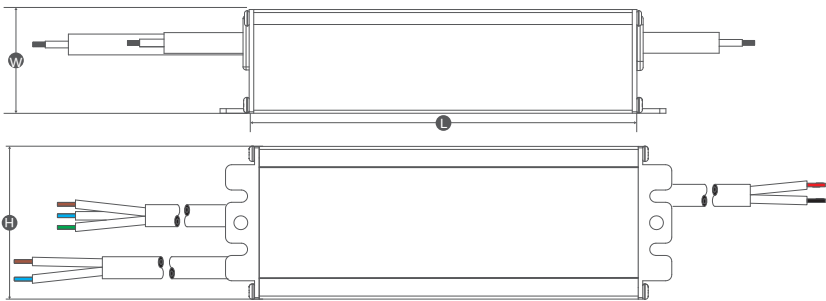
Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-DMV060-24V0D	110-277VAC	60W	24V	2.5A	0.99	88%	6.5%	60°C	90°C	L182*W56*H34
BK-DMV100-24V0D	110-277VAC	100W	24V	4.2A	0.95	92%	7%	60°C	90°C	L182*W68*H38
BK-DMV150-24V0D	110-277VAC	150W	24V	6.25A	0.99	92.5%	3%	60°C	90°C	L214*W68*H38
BK-DMV250-24V0D	110-277VAC	250W	24V	10.4A	0.99	93.5%	4%	50°C	90°C	L217*W89.5*H45.5
BK-DMV340-24V0D	110-277VAC	340W	24V	14.2A	0.99	93.5%	6%	50°C	90°C	L252*W89.5*H45.5

Suffix D: DALI-2+pushDIM

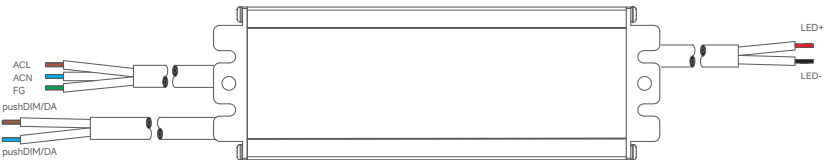
Specifications

Rated input voltage:	110-277VAC/200-300VDC
Limited voltage:	100-305VAC/180-315VDC
Input votage shock:	380VAC
Protection type:	Class I
Output type:	SELV
Voltage accuracy:	3%/5%
Dimming range:	0.1-100%
Power on time:	<0.7s
Standby power:	<0.5W
Surge:	L-N:4KV,L-FG/N-FG:6KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20°C-60°C
Protection class:	IP67
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)

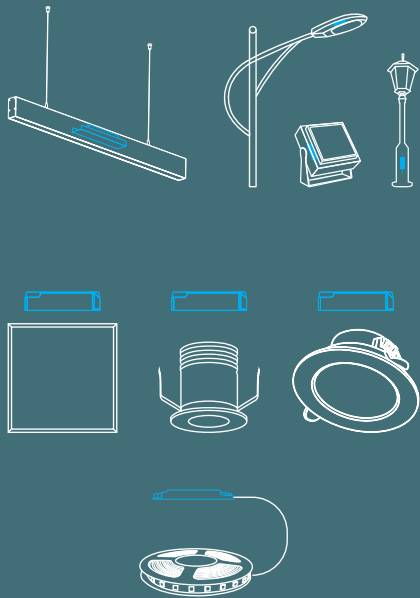


Wiring diagram



DC Dimming Driver Series

- Support IR dimming. The driver's current programming and address configuration can be realized through the IR interface. It supports DC carrier communication dimming with a dimming range of 1-100%.
- There are four types of DC dimming drivers: constant current linear, constant voltage linear, constant current external, and constant current waterproof.
- 22W-200W DT6 (DIM)



Series specifications

DC Isolated



DC series	Picture	Dimmable	Features	Power (W)	Page
RDL (H)	1	DC arrier dimming	Dimming depth 1%/DIP-switches/DC carrier dimming/IR programmable	80	130
RDL (P)	2	DC carrier dimming	Dimming depth 1%/DIP-switches/DC carrier dimming/IR programmable	22-40	131
RDL (M)	3	DC carrier dimming	Dimming depth 1%/DC carrier dimming/IR programmable/IP65	22-150	132

CV Isolated



CV series	Picture	Dimmable	Features	Power (W)	Page
RDV	1	DC carrier dimming	Dimming depth 1%/DC carrier dimming/IR programmable	200	133

RDL (H) series
DC Linear dimmable driver (IR dimming)

Features

- Support DC carrier communication dimming
- The output current programming can be realized through the IR interface
- 10 levels current output can be realized by DIP switch
- Soft dimming and flicker-free at any brightness,meets the new requirements of ErP certification
- Using HPC patented technology, the brightness can remain same when dimming
- Standby power input <0.5W, meets the ErP requirements of new certification
- SELV and Class I design, suitable to intallate within the luminaires
- Compliance with CCC certifications



DC carrier dimming, IR programming

Parameters

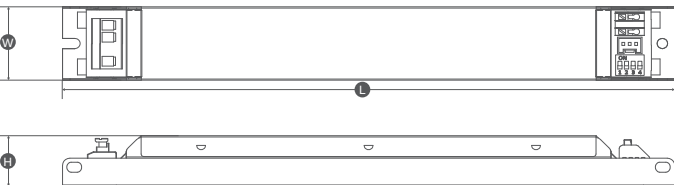
Mode	Input voltage	Output power	Output voltage	Output current	Full load Efficiency	Ta	Tc	Dimension (mm)
BK-RDL080H-A2000AR	200-300VDC	80W	12-42V	1.55-2A	92%	60°C	90°C	L355*W36*H23

Suffix R: IR programmable

Specifications

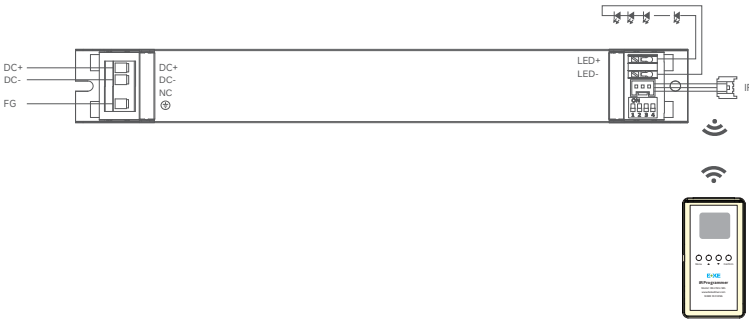
Rated input voltage:	200-300VDC
Input voltage range:	200-300VDC
Input votage shock:	N/A
Protection type:	Class I
Output type:	SELV
Output current accuracy:	1%
Dimming range:	1-100%
Power on time:	<0.5s
Standby power:	<0.5W
No load output voltage:	50VDC
Surge:	L-N:2KV,L-FG/N-FG:4KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-30°C-60°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



Wiring diagram

Suffix R: IR programmable



IR Configuration Tool
ID CS02-SRL

RDL (P) series
DC Independent dimmable driver (IR dimming)

Features

- Support DC carrier communication dimming
- The output current programming can be realized through the IR interface
- 10 levels current output can be realized by DIP switch
- Soft dimming and flicker-free at any brightness, meets the new requirements of ErP certification
- Using HPC patented technology, the brightness can remain same when dimming
- Screw-free and pressing type strain relief, easier install
- Pushable strain relief design
- SELV and Class II design, suitable for external installation of the luminaires
- Compliance with CCC certifications



DC carrier dimming, IR programming
Adjustable current

Parameters

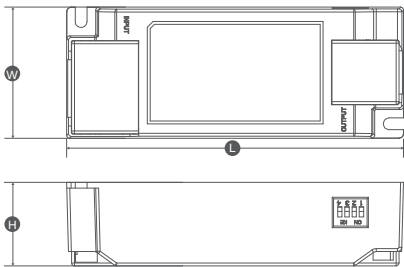
Mode	Input voltage	Output power	Output voltage	Output current	Full load Efficiency	Ta	Tc	Dimension (mm)
BK-RDL022P-A0600AR	220-300VDC	22.8W	12-42V	0.15-0.6A	90%	45°C	80°C	L117*W45.5*H29
BK-RDL040P-A1100AR	220-300VDC	42W	12-42V	0.65-1.1A	91.5%	45°C	90°C	L142*W50*H30

Suffix R: IR programmable

Specifications

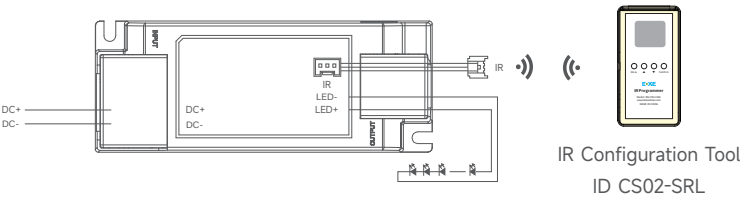
Rated input voltage:	220-300VDC
Input voltage range:	200-300VDC
Input votage shock:	N/A
Protection type:	Class II
Output type:	SELV
Output current accuracy:	1%
Dimming range:	1-100%
Power on time:	<0.5s
Standby power:	<0.5W
No load output voltage:	50VDC
Surge:	L-N:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-30°C-45°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



Wiring diagram

Suffix R: IR programmable



RDL (M) series
DC Waterproof dimmable dirver (IR dimming)

Features

- Support DC carrier communication dimming
- The output current programming can be realized through the IR interface
- Soft dimming and flicker-free at any brightness, meets the new requirements of ErP certification
- Using HPC patented technology, the brightness can remain same when dimming
- Low smoke halogen-free flame retardant wires are optional for input and output
- Aluminum alloy housing design
- Standby power input <0.5W, meets the ErP requirement of new certification
- IP65 design for indoor installation
- Compliance with CCC certifications



DC carrier dimming, IR programming
Adjustable current, IP65

Parameters

Mode	Input voltage	Output power	Output voltage	Output current	Full load Efficiency	Ta	Tc	Dimension (mm)
BK-RDL022M-A0600AR	220VDC	22.8W	12-42V	0.15-0.6A	89%	60°C	90°C	L137*W43.5*H34
BK-RDL040M-A1100AR	220VDC	42W	12-42V	0.65-1.1A	89%	60°C	90°C	L143*W56*H34
BK-RDL150M-A4200AR	220VDC	150W	12-42V	2-4.2A	93%	60°C	85°C	L197*W68*H38

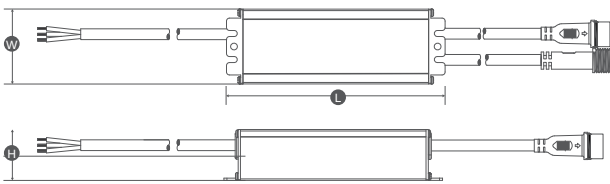
Suffix R: IR programmable

Output voltage: the output voltage may decrease when the output current approaches its maximum

Specifications

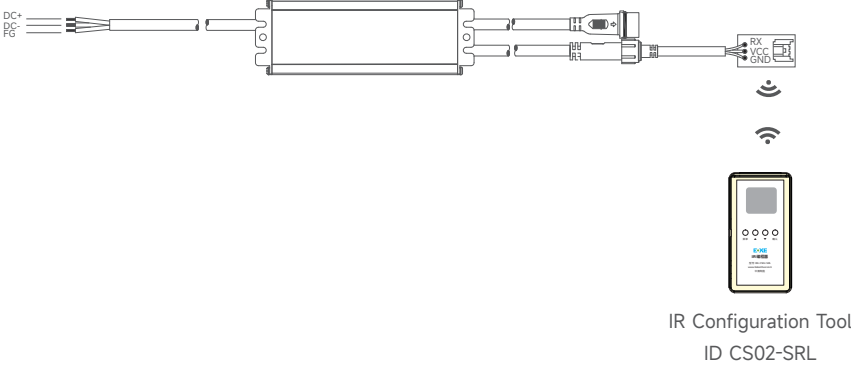
Rated input voltage:	220VDC
Input voltage range:	200-300VDC
Input votage shock:	N/A
Protection type:	Class I
Output type:	SELV
Output current accuracy:	1%
Dimming range:	1-100%
Power on time:	<0.5s
Standby power:	<0.5W
No load output voltage:	50VDC/≤60VDC
Surge:	L-N:2KV, L-FG/N-FG:4KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-30°C-60°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



Wiring diagram

Suffix R: IR programmable



RDV series
CV Linear dimmable driver (IR dimming)

Features

- Support DC carrier communication dimming
- The output current programming can be realized through the IR interface
- Dimming range 1-100%, output current accuracy 4%
- Soft dimming and flicker-free at any brightness, meets the new requirements of ErP certification
- Using HPC patented technology,at any dimming level,the brightness
- Standby power input <0.5W,meets the ErP requirement of new certification
- High PF,high efficiency,low THD
- SELV and Class I design,suitable for use inside of the lighttt
- Compliance with CCC certifications



DC carrier dimming, IR programming
Aluminum shell external,Class I

Parameters

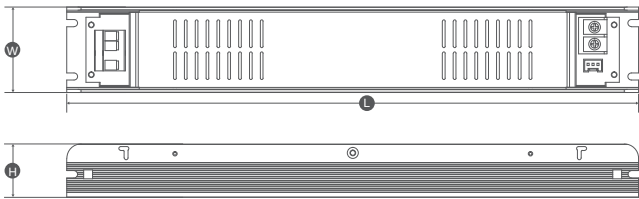
Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-RDV200-24V0R	200-300VDC	199.2W	24V	8.3A	0.95	92%	10%	60°C	90°C	L321.5*W48*H30

Suffix R: IR programmable

Specifications

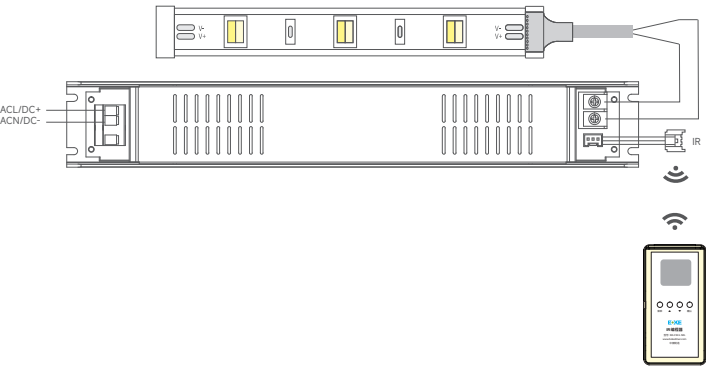
Rated input voltage:	220-300VDC
Input voltage range:	200-300VDC
Input votage shock:	300VAC
Protection type:	Class I
Output type:	SELV
Output current accuracy:	4%
Dimming range:	1-100%
Power on time:	<0.5s
Standby power:	<0.5W
No load output voltage:	N/A
Surge:	L-N:2KV, L-FG/N-FG:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20°C-60°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



Wiring diagram

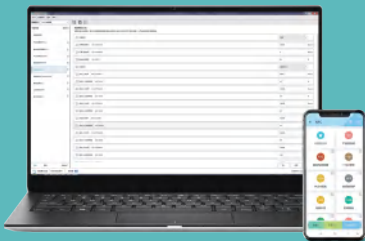
Suffix R: IR programmable



IR Configuration Tool
ID CS02-SRL

Programming Suit

- Drivers and other devices support DALI interface or/and NFC interface programming.
- The programming items include adjusting output current (AOC), corridor dimming (cordorDIM),constant illumination output (CLO),Emergency lighting (EL), DALI address/group, DALI general parameters and scenes, etc. to achieve flexible configuration and adapt to various application requirements.
- Programming is realized by the programmer and or programming software (EasySet).

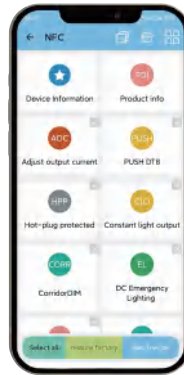


Programming software

BOKE EasySet (App)

Features

- Configure the parameters and functions of the target device through NFC
- Support output current adjustment, light decay compensation,corridor dimming and other function settings
- The DALI device can be quickly replaced,and the DALI configuration parameters of the source device can be read and written to other devices of the same type
- Automatically identify the drive and load the configuration
- Supports reading and writing PWM devices
- Support drive information reading
- Support single or batch programming mode
- Support Android,Hongmeng, Apple and other mobile phone systems
- Support App update check and upgrade
- Support Chinese and English languages
- Support display theme switching
- Support Google Store, Apple Store, BOKE official website to download applications

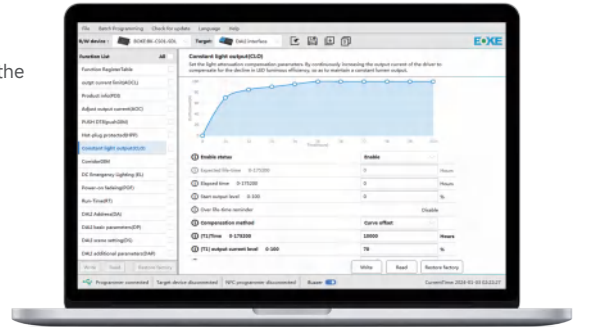


Programming software

BOKE EasySet (PC)

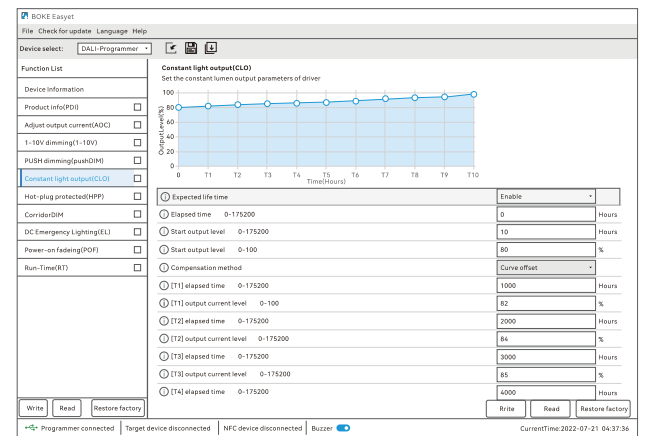
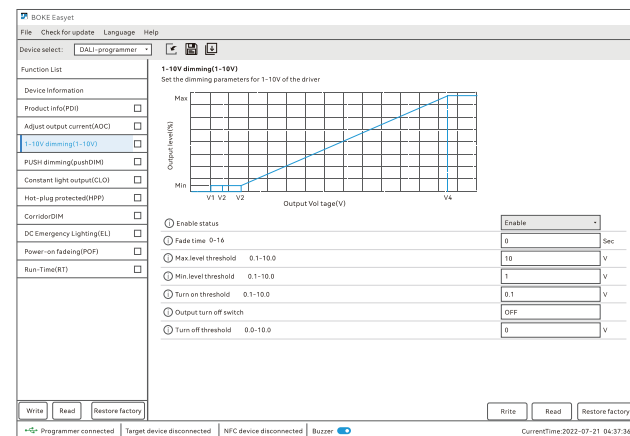
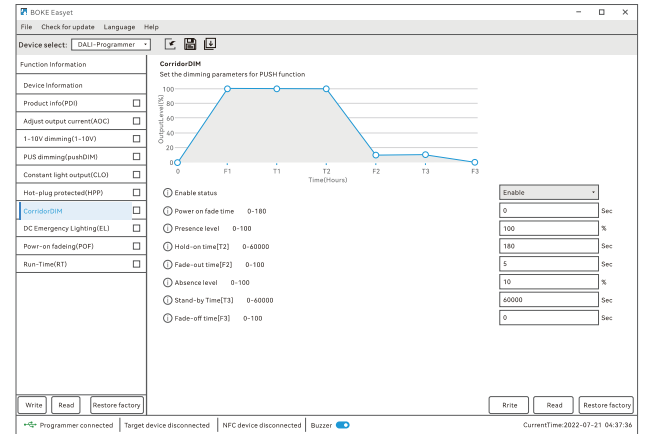
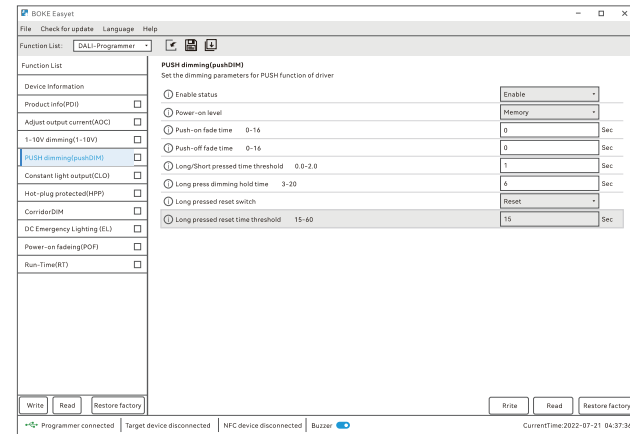
Features

- Configure the parameters and functions of the target device
- Use with DALI programmer and NFC programmer
- The DALI device can be quickly replaced,and the DALI configuration parameters of the source device can be read and written to other devices of the same type
- Using USB interface communication
- Support reading and writing PWM devices
- Support configuration file import and save
- Support automatic driver recognition and configuration loading
- Support downloading configuration files to DALI programmer
- Support single or batch programming mode
- Support programmer firmware upgrade
- Support update check and upgrade
- Support Chinese and English languages



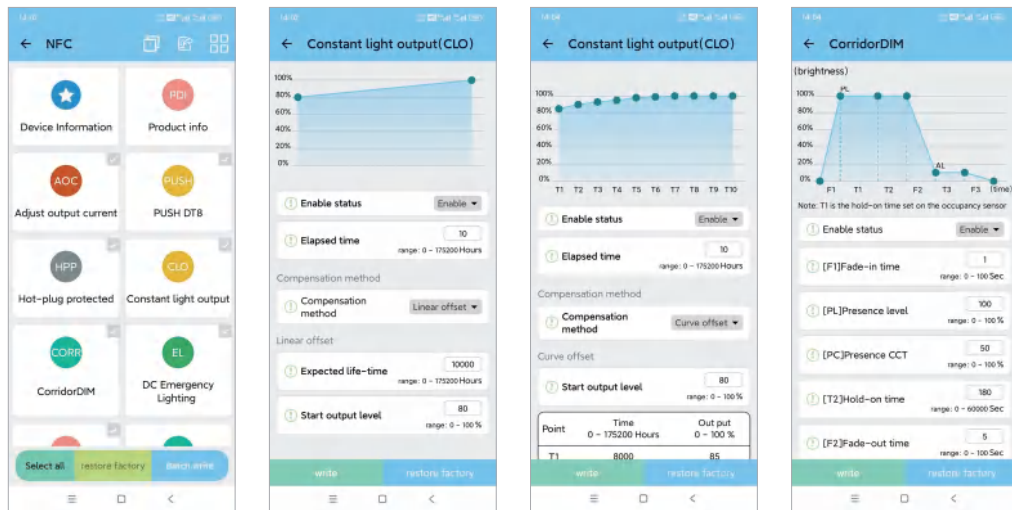
Related settings

Windows platform



Related settings

App platform



Software download

Note: The phone needs to have NFC function



iPhone App Store



Android Google Play



Android BOKE Download



Windows 7/Windows 10/Windows 11 32 bit/64 bit

NFC Programmer
ID CPR30+/ID ISC-PRH101-USB

Features

- Configure parameters and functions for drives with NFC interface
- Use with BOKE EasySet configuration software
- Compliant with Zhaga Book 24 programmers and programming specifications
- Support single or batch programming
- Connect to computer via USB interface



NFC desktop reader
ID CPR30+ NFC handheld reader
ID ISC-PRH101-USB

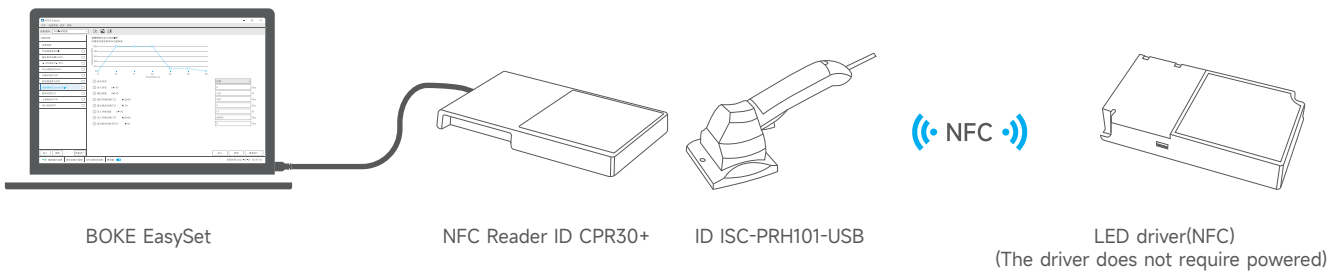
Device parameters (ID CPR30-USB)

Supply voltage: 5V USB Bus powered
Current consumption: 150mA Max
Transmitting power: 100mW
Operating frequency: 13.56MHz
Interface: USB Min-B Full Speed (12Mbit/s)
Indicators: LED*2 (green/orange) +Buzzer
Antenna: Integrated antenna
Enclosure rating: IP42
NFC communication protocol standard: ISO15693
Housing material: Plastic(ABA)/acrylic glass
Colour: white
Dimensions: 144*27*18mm
Weight: 162g

Device parameters (ID ISC-PRH101-USB)

Supply voltage: 5V USB Bus powered
Current consumption: 500mA Max.
Transmitting power: 500mW
Operating frequency: 13.56MHz
Interface: USB Min-B Full Speed(12Mbit/s)
Indicators: LED*1(red/green/blue)+Buzzer
Antenna: integrated HF Antenna
Enclosure rating: IP30
NFC communication protocol standard: ISO15693
Housing material: Plastic ABS
Colour: White
Dimensions: L230*W80*H100mm
Weight: 320g

Wiring diagram



NFC programmer (Mass)
RF-LRM1002-300/300 Kit

Features

- Configure parameters and functions for drives with NFC interface
- Use with BOKE EasySet configuration software
- Compliant with Zhaga Book 24 programmers and programming specifications
- Support batch programming
- Connect to computer via USB interface



NFC Batch Programming Kit
RF-LRM1002-300/300 Kit
(ID ISC.LRM1002-E & ID ISC.LR1002-E)

Device parameters

Supply voltage: 24V DC±15%
Current consumption: 16000mA Max
Transmitting power: 1000-5000mW (adjustable)
Operating frequency: 13.56MHz
Interface: Ethernet (TCP/IP), USB, RS232
Indicators: LED*4
Antenna: 1x SMA connector
Enclosure rating: IP54
NFC communication protocol standard: ISO 18000,ISO15693
Shell material: Aluminum
Colour: Black
Dimensions: L400*W380*H185mm
Weight: 8000g

Wiring diagram



Bluetooth NFC programmer ID ECCO Smart HF-BLE

Features

- Configure parameters and functions for drives with NFC interface
- Use with BOKE EasySet configuration software
- Compliant with Zhaga Book 25 programmers and programming specifications
- Support single or batch programming
- Connect to App via NFC interface



Device parameters(ID ECCO Smart HF-BLE)

Battery: 1300 mAh Lithium Polymer Polymer; 3.7V
Transmitting power: 1.5W
Operating frequency: 13.56MHz
Interfaces: USB Serial, Bluetooth LE V4.2/V5.0
Operating time: up to 16h*
Indicators: LED*4(red/green/yellow/blue)+Buzzer
Keyboard: 4 keys
Protection class: IP54
NFC communication protocol standard: ISO15693
Housing material: Inside: robust ABS; Outside: protective rubber coating
Colour: Black、Red
Dimensions: L87*W48*H26mm
Weight: 98g

Wiring diagram



DALI programmer BK-CS01-SDL

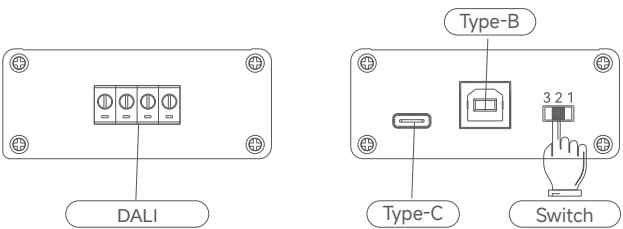
Features

- Parameter and function configuration for DALI/1-10V driver
- Use with BOKE EasySet configuration software
- Support connection and configuration via DALI bus
- Supports USB online and USB offline configuration modes
- No need to install USB driver, convenient and fast
- Support single or batch programming
- Optional external bus power access
- Support firmware upgrade



USB interface

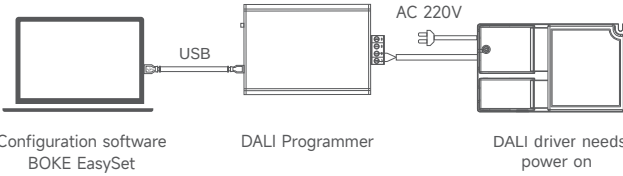
USB Connector: USB-TypeB / USB-Type
DALI Connector: DALI or 1-10V interface for connecting to the driver
Switch: Switch the working mode



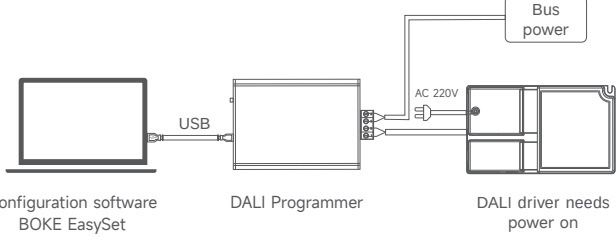
Switch	OP mode	Int. DALI Bus power
1	Online	ON
2		OFF
3	Offline	ON

Wiring diagram

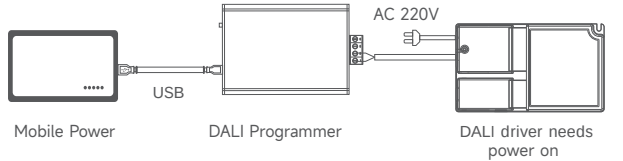
Online mode (switch 1)



Online mode (switch 2)



Offline mode (switch 3)



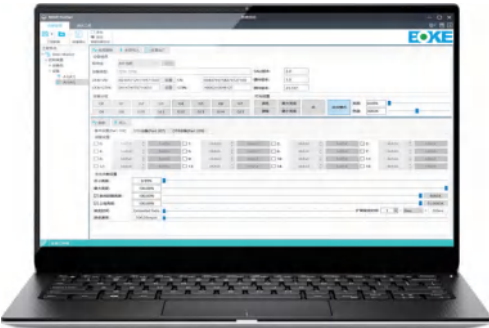
DaliSet Configuration Suite

- DaliSet configuration suite supports the reading, setting,and changing of DALI device parameters such as single address, group address, power-on level,fade time, fade rate, scene, and Bank information. Support GTIN, current level, color temperature and other parameters to read;Support on/off, level, color temperature and other quick control.
- The DaliSet configuration suite consists of DaliSet configuration software and DALI programmer.



DaliSet Configuration software
BOKE DaliSet

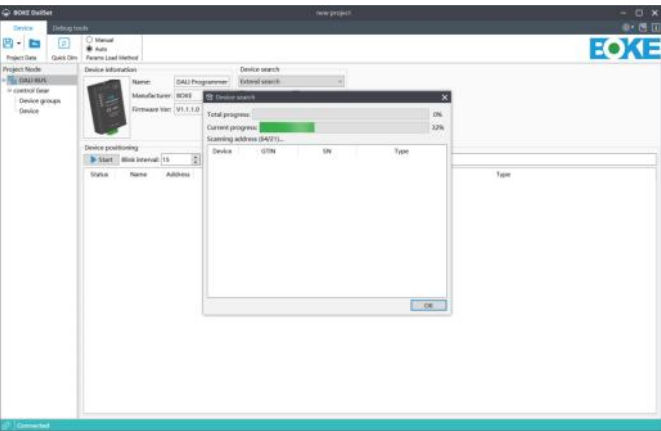
Engineering Driver Preferred BOKE • EOKE



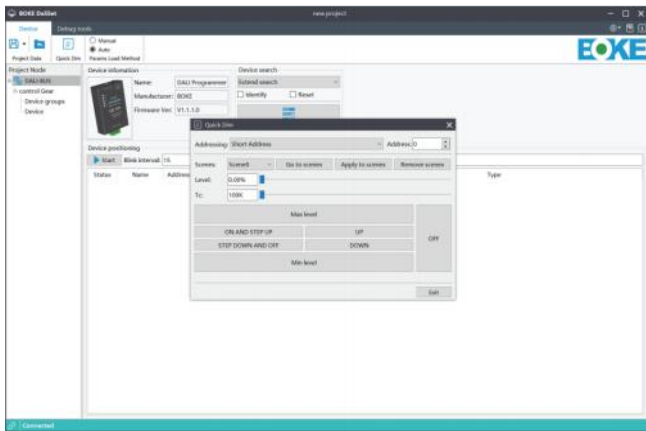
Features

- Support new and expanded search for devices
- Support device address reading,setting, and changing
- Support group and scene reading and setting
- Read and set parameters such as power-on brightness, failure brightness and gradient time
- Support device Bank information reading and setting
- Supports quick dimming such as switch, brightness,color temperature, etc
- Supports data saving of device configuration projects
- DALI programming tools are required

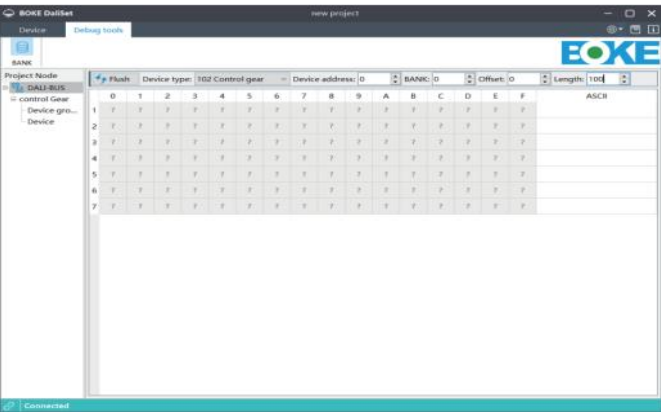
Related settings



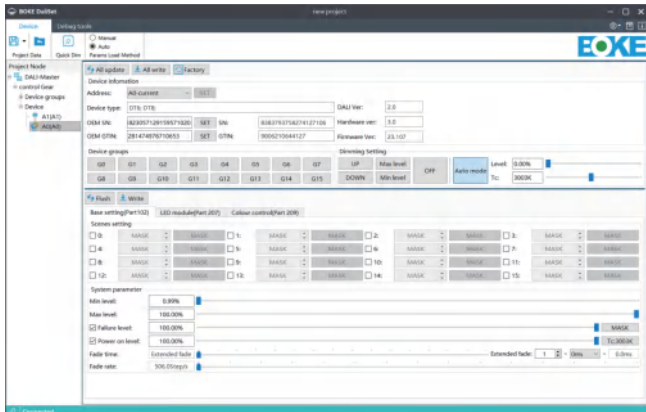
Address Search



Device control



Reading BANK



Scene Settings

Software download



Windows 7/Windows 10/Windows 11 32 bit/64 bit

DALI Programmer
BK-CS01-SDL

Features

- Configure parameters and functions of DALI devices
- Used with BOKE DaliSet software
- Support connection and configuration through DALI bus
- Support USB Type-B/C interface to link computers
- Support USB and DALI interface status indicators
- No need to install USB driver,convenient and fast
- Optional external bus power connection
- Support firmware upgrade

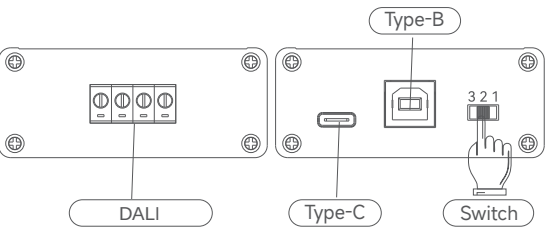


USB interface

USB interfaces: USB-TypeB/USB-TypeC interfaces

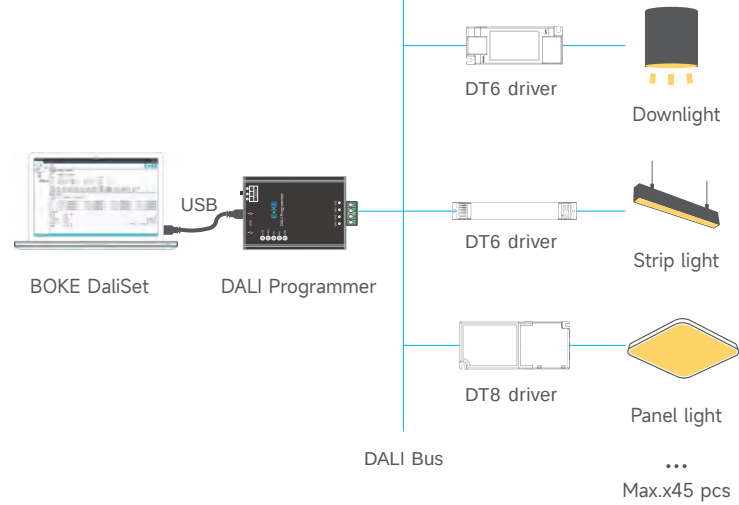
DALI interfaces: Responsible for DALI interface to driver of the programmer

Switch: On/Off Internal bus power supply

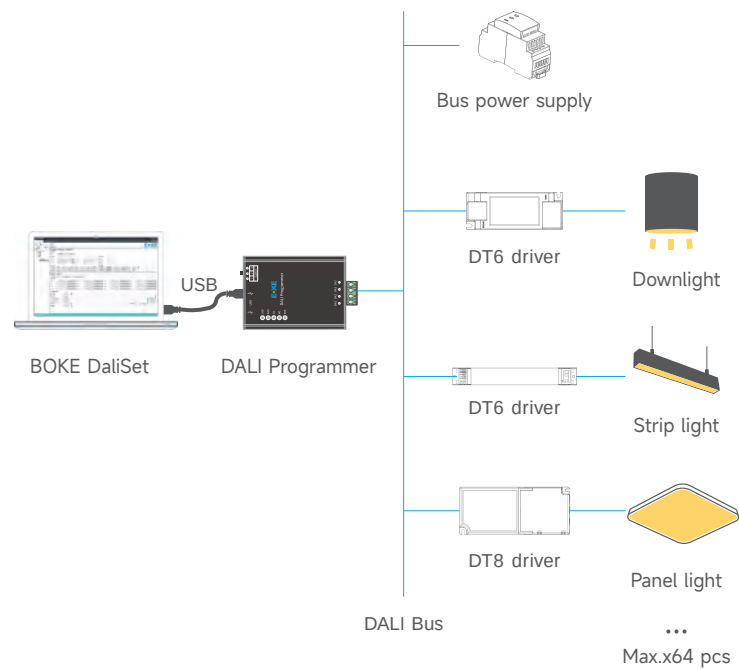


Switch	OP mode	Int. DALI Bus power
1	Online	OFF
2		ON
3	Not Supported	OFF

Application 1 (Internal bus power supply)

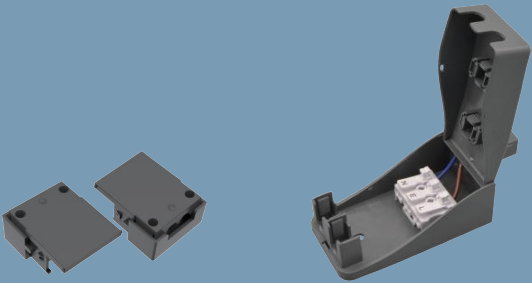


Application 2 (External bus power supply)



Others

- unction box, Strain relief.



BAS010/BAS011

Juction Box (wiring type)

Features

- Dual input terminal for loop-in and loop-out installation
- Pushable cable fixing design,suitable for different thickness cables
- Meets the requirements of different dimming methods application
- Support 5*1.5mm² or 2*2.5mm² cable
- Quick connection on the construction site
- Screwless terminal design
- Screwless cable fixing design

Product range

Model	Description
BK-BAS010	Juction Box
BK-BAS011	Juction Box

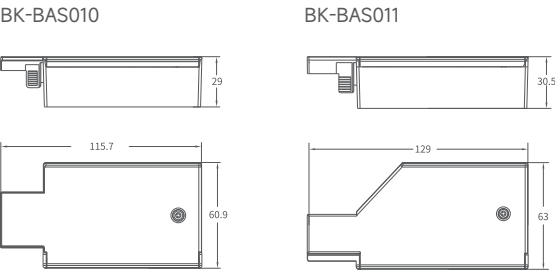
Terminals

Stripping length (mm): 8-10
Rated current and voltage: 16A,450VAC
Material: Polyamide 66
Fire-proof level: UL94V-2

Junction Box

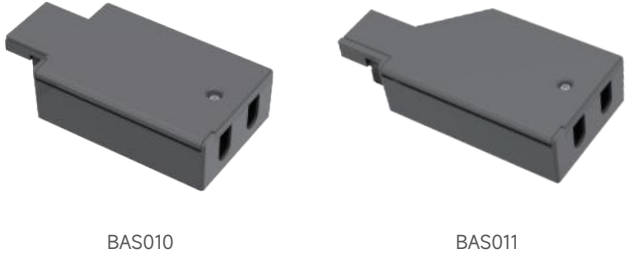
Wire outer diameter (input side): 3-10mm
Stripping length (input side): 35mm*
Material: PC
Fire-proof level: UL94V-V0

Dimension (unit: mm)



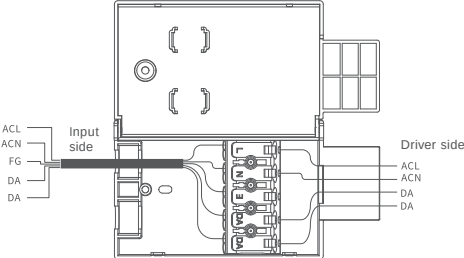
Applicable models

BK-BAS010	
DEL series	BK-DEL010/BK-DEL022/BK-DEL028/BK-DEL040
DUL series	BK-DUL010/BK-DUL022/BK-DUL028/BK-DUL040
DKL series	BK-DKL022/BK-DKL040

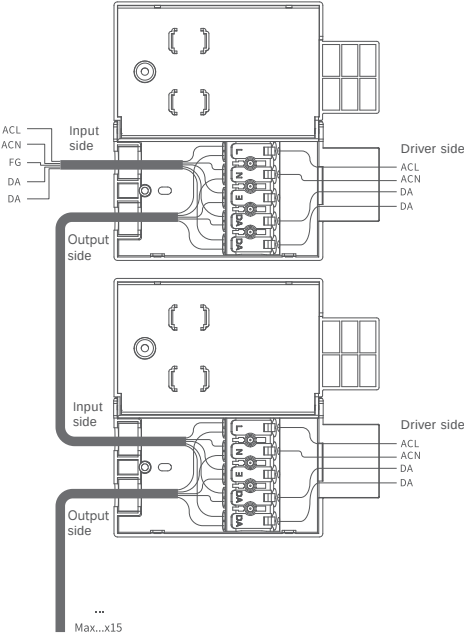


Wiring diagram

Mode 1:



Mode 2:



BK-BAS011	
DEL series	BK-DEL030/BK-DEL042/BK-DEL060
DUL series	BK-DUL030/BK-DUL042/BK-DUL060

BAS010/BAS011

Juction Box (Pluggable connector type)

Features

- The output interface is WAGO (Winsta) pluggable quick connector
- The output interface is Wieland (gesis) pluggable quick connector
- Quick connection on the construction site
- Screwless terminal design
- Screwless cable fixing design

Product range

Model	Description
BK-BAS010A	Juction Box
BK-BAS011A	(Pluggable connector type: WAGO)
BK-BAS010B	Juction Box
BK-BAS011B	(Pluggable connector type: Wieland)

Pluggable connector type (WAGO)

Connection technique: Straight insert cage spring connection technology
Rated wire cross-sectional area: 4mm²
Single conductor: 0.5-4mm²/20-12AWG
Multiple stranded wire: 0.5-2.5mm²/20-14AWG
Thin strands of wire: 0.5-4mm²/20-12AWG
Driver interface: 0.75mm²
Stripping length (mm): 9mm
Rated current and voltage: 25A, 400VAC
Size: 55.5*42.6*18.5mm
Material: nylon 66

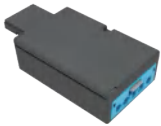
Pluggable connector type (Wieland)

Connection technique: Embedded connection technology
Solid wire connection section: 2.5mm²
Solid wire section 2: 0.5mm²
Twisted wire connection section: 1.5mm²
Strand section 2: 0.5²
Driver interface: 0.75mm²
Stripping length(mm): 9mm
Rated current and voltage: 20A, 400VAC
Size: 52.3*38*18.5mm
Material: Polyamide

Junction Box

Material: PC
Fire-proof level: UL94V-V0

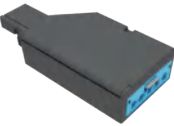
Engineering Driver Preferred BOKE • EÖKE



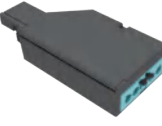
Pluggable connector type:
BAS010A
WAGO P/N: 700-2115/007-000



Pluggable connector type:
BAS010B
Wieland P/N: 92.052.8658.0



Pluggable connector type:
BAS011A
WAGO P/N: 700-2115/007-000



Pluggable connector type:
BAS011B
Wieland P/N: 92.052.8658.0

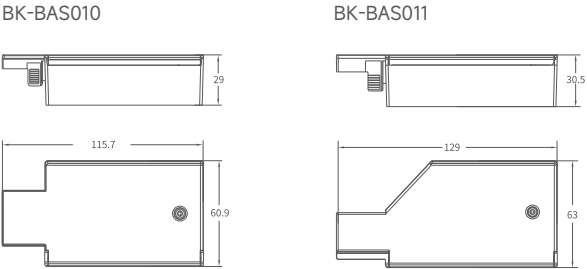


Pluggable connector type:
BAS010A/BAS011A
WAGO P/N: 700-2115/007-000

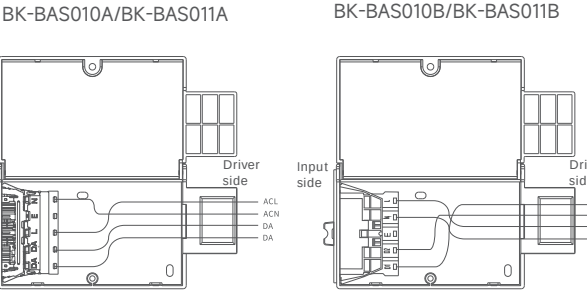


Pluggable connector type:
BAS010B/BAS011B
Wieland P/N: 92.052.8658.0

Dimension(unit:mm)



Wiring diagram



Applicable models

BK-BAS010A/BK-BAS010B	
DEL series	BK-DEL010/BK-DEL022/BK-DEL028/BK-DEL040
DUL series	BK-DUL010/BK-DUL022/BK-DUL028/BK-DUL040
DKL series	BK-DKL022/BK-DKL040

BK-BAS011A/BK-BAS011B	
DEL series	BK-DEL030/BK-DEL042/BK-DEL060
DUL series	BK-DUL030/BK-DUL042/BK-DUL060

BAS013

Juction Box

Features

- Dual input terminal for loop-in and loop-out installation
- Pushable cable fixing design,suitable for different thickness cables
- Support 5*1.5mm² or 3*2.5mm² cable
- Screwless terminal design
- Screwless cable fixing design



Product range

Model	Description
BK-BAS013	Juction Box

Terminals

Stripping length (mm): 8-10
Rated current and voltage: 16A, 450VAC
Material: Polyamide 66
Fire-proof level: UL94V-2

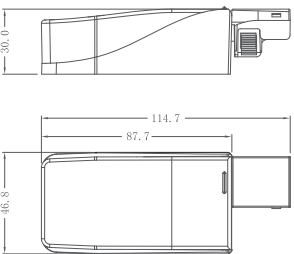
Junction Box

Wire outer diameter (input side): 3-10mm
Stripping length (input side): 35mm*
Material: PC
Fire-proof level: UL94V-V0

Applicable models

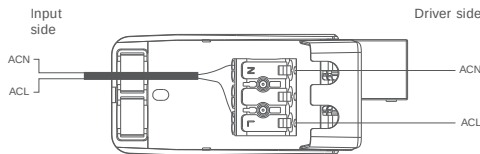
PBL (E) series	BK-PBL022E/BK-PBL040E
PBL (S) series	BK-PBL022S/BK-PBL040S

Dimension(unit:mm)

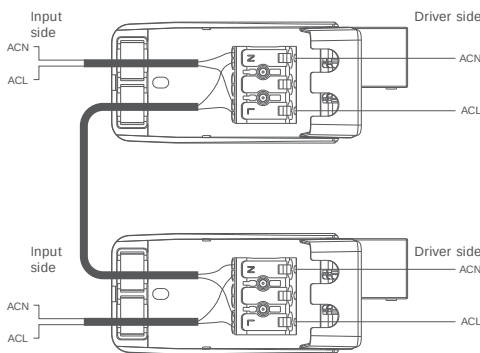


Wiring diagram

Mode 1:



Mode 2:



BAS014A/BAS014B

Juction Box

Features

- Dual input terminal for loop-in and loop-out installation
- Pushable cable fixing design,suitable for different thickness cables
- Support 5*2.5mm² or 3*2.5mm² cable
- Screwless terminal design
- Screwless cable fixing design

Product range

Model	Description
BK-BAS014A	Juction Box (5pin)
BK-BAS014B	Juction Box (3pin)

Terminals

Stripping length (mm): 8-10
Rated current and voltage: 16A,450VAC
Material: Polyamide 66
Fire-proof level: UL94V-2

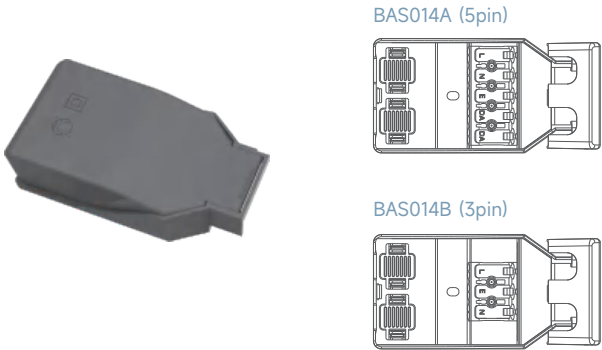
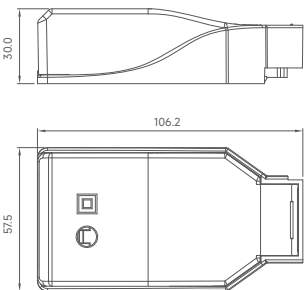
Junction Box

Wire outer diameter (input side): 3-10mm
Stripping length (input side): 35mm*
Material: PC
Fire-proof level: UL94V-V0

Applicable models

BK-BAS014A	
DQL (S) series	BK-DQL042S
BK-BAS014B	
BQL (S) series	BK-BQL042S

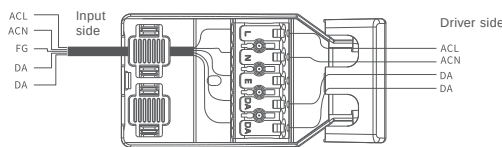
Dimension (unit: mm)



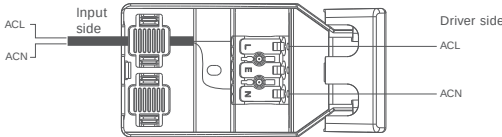
Wiring diagram

Mode 1:

BK-BAS014A

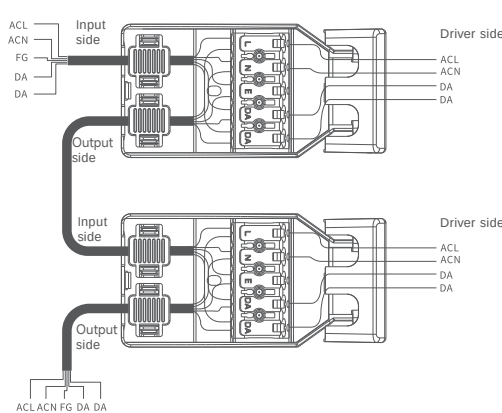


BK-BAS014B

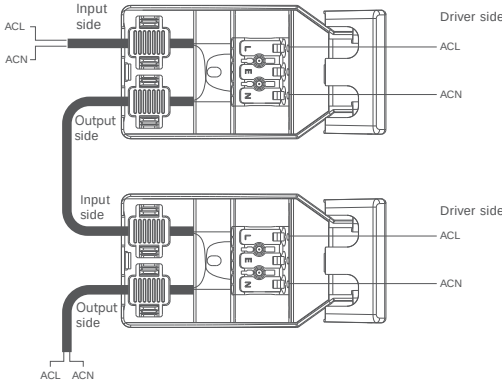


Mode 2:

BK-BAS014A



BK-BAS014B



BAS003
Line pressing box

Features

- Meet the needs of independent use of linear driver
- Simple assembly and installation
- Two sizes available for different linear drivers
- Support 2*0.75mm² cable

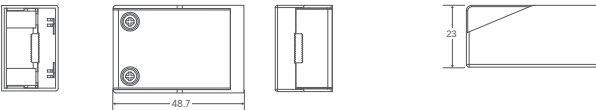


Product range

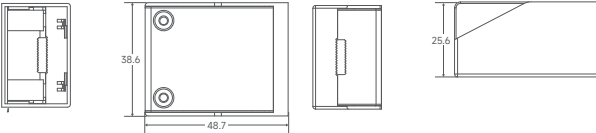
Model	Description
BK-BAS003A	Line pressing box
BK-BAS003B	Line pressing box

Dimension (unit: Vmm)

BK-BAS003A



BK-BAS003B



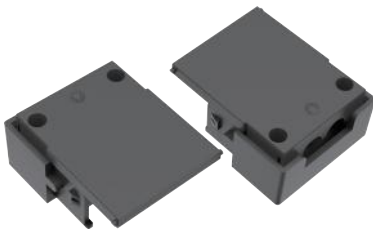
Applicable models

CWL series	BK-CWL009/BK-CWL013/BK-CWL018/BK-CWL022
	BK-CWL030/BK-CWL040/BK-CWL050/BK-CWL060
	BK-CWL080
KHL series	BK-KHL030/BK-KHL040/BK-KHL050/BK-KHL060
	BK-KHL080
CJL series	BK-CJL030/BK-CJL040/BK-CJL050/BK-CJL060
	BK-CJL080
DAL series	BK-DAL030/BK-DAL040/BK-DAL050/BK-DAL060
	BK-DAL080
HGV series	BK-HGV022/BK-HGV048/BK-HGV060/BK-HGV070
	BK-HGV072/BK-HGV100/BK-HGV150
MGV series	BK-MGV036/BK-MGV060/BK-MGV100/BK-MGV150
DGV series	BK-DGV036/BK-DGV060/BK-DGV100/BK-DGV150
DWV series	BK-DWV100/BK-DWV150
SWL series	BK-SWL022/BK-SWL040/BK-SWL060

BAS008
Line pressing box

Features

- Meet the needs of independent use of linear driver
- Simple assembly and installation
- Removable line pressing box,suitable for cables of different wire diameters
- Support 2*0.75mm² or 5*0.75mm² cable

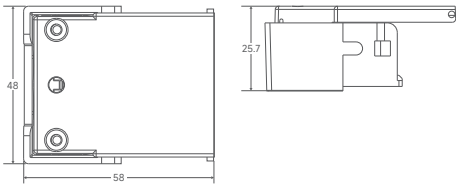


Product range

Model	Description
BK-BAS008	Line pressing box

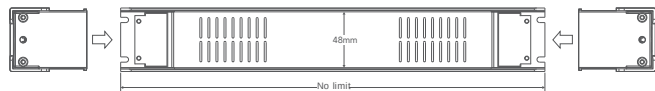
Dimension (unit: mm)

BK-BAS008

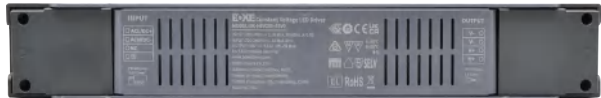


Compatible housing and assembly diagram

BK-BAS008



Reference Image



Applicable models

HEV series:	BK-HEV080/BK-HEV150/BK-HEV200
DEV series:	BK-DEV080/BK-DEV150/BK-DEV200
MEV series:	BK-MEV080/BK-MEV150/BK-MEV200
DCV series:	BK-DCV080/BK-DCV150/BK-DCV200

BAS012
Line pressing box

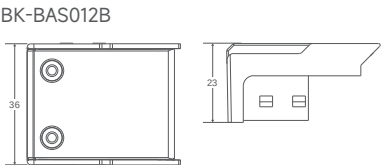
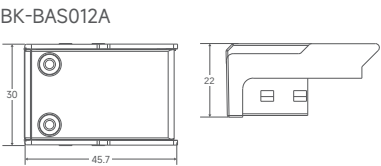
- Features**
- Meet the needs of independent use of linear driver
 - Simple assembly and installation
 - Two sizes available for different linear drivers
 - Support 0.75mm² cable



Product range

Model	Description
BK-BAS012A	Line pressing box
BK-BAS012B	Line pressing box

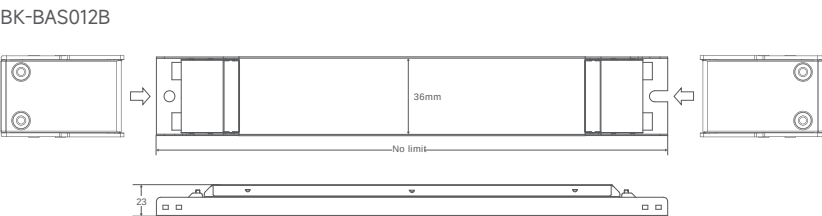
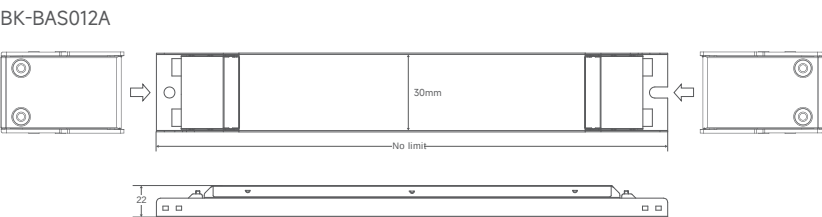
Dimension (unit: mm)



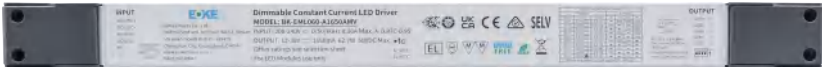
Applicable models

EML series: BK-EML060-A/BK-EML080-A/BK-EML080-B

Compatible housing and assembly diagram



Reference Image



BAS017
Line pressing box

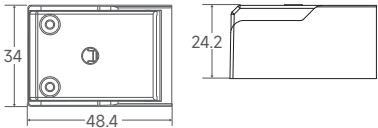
- Features**
- Meet the needs of independent use of linear driver
 - Simple assembly and installation
 - Support 3*1.0mm² or 2*0.75mm² cable



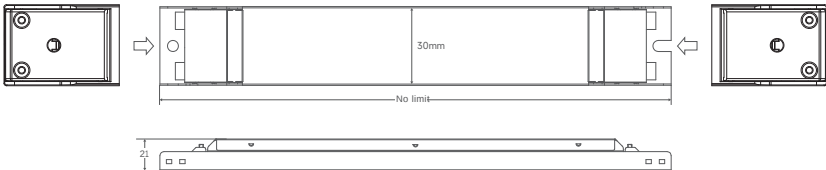
产品范围

Model	Description
BK-BAS017	Line pressing box

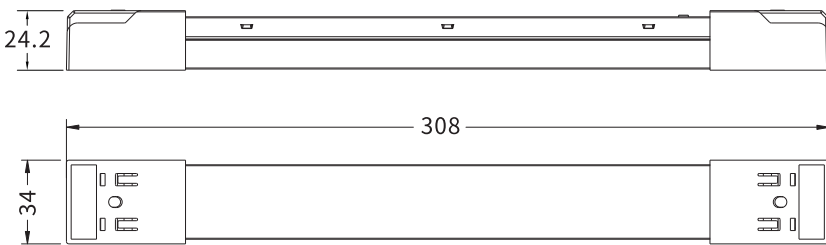
Dimension (unit: mm)



Compatible housing and assembly diagram



Reference Image



Applicable models

DGL (S) series: BK-DGL040S-A/BK-DGL050S-A/BK-DGL060S-A/BK-DGL080S-A

