



2026

OEM PRODUCT CATALOGUE

EUROPE VERSION



ABOUT BLTC

LED lighting industry DESIGN ▪ R&D ▪ PRODUCTION

Beautiful Light Technology Corp. (BLTC) was established in 2005. Over the past 20 years, by providing high-quality products and excellent service, BLTC grew together with our customers, and becomes an irreplaceable supplier and partner in the eyes of our customers.

As a pioneer in the LED lighting industry, BLTC continues to invest resources in product innovation and optimization, constantly improving to provide customers with niche products in the commercial lighting market.

Since 2015, BLTC has initiated the development of smart lighting systems and products. Based on the solid foundation of our existing lighting products, our growth in the past 10 years expands the application of lighting products.

BLTC firmly believes that the lighting field will be characterized by continuous cross-industry integration and the limitless development of lighting technology. In the future BLTC will strive for progress in design, R&D, and production to become the most trusted partner of our customers, and grow together in the lighting industry.

GLOBAL OPERATIONS

TAIPEI
BNC Network
IOT, Wireless Module, related develops

CHIAYI
Headquarter/Machouhou Factory
Global Operation, R&D, M & S, Production

DONGGUAN
Dongguan Factory
R&D, Production

20+
Years

500+
products

300+
Employees



DESIGN & DEVELOPMENT

BLTC has accumulated 20 years experiences in developing LED related products, including Software & Firmware design, circuit design, interior design, and optical design.

SOFTWARE & FIRMWARE

ELECTRIC CIRCUIT

THERMAL DISSIPATION

MECHANICAL

OPTICAL

TEST CAPABILITY

In order to test and verify our design for customers and make sure our products conforms the regulations in different countries, BLTC also builds up an internal lab, providing more efficient test service.



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RETROFIT

Lamp

Directional



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►P.020



PAR30 IP65 75W Equi.
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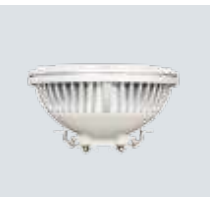
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BR30 IP65 60W Equi.
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RETROFIT

Lamp

Non-Directional



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A45 40W Equi.
►P.029



A60 60W Equi.
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A70 80W Equi.
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RETROFIT

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Non-Directional



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LUMINAIRE

Downlight



7cm cut-out
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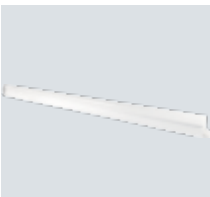
9cm cut-out
►P.046



15cm cut-out
►P.047

LUMINAIRE

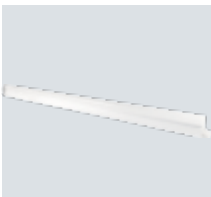
Batten



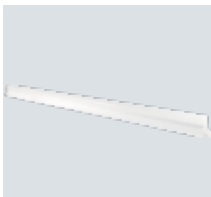
T5 1FT
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T5 2FT
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T5 3FT
►P.050



T5 4FT
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LUMINAIRE

Panel / Linear



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2x2 32W
►P.053



2ft 18W
►P.054



4ft 36W
►P.055

LUMINAIRE Step Light



IP65 5''

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IP65 9''

►P.057

EXPANSION Repeater



5V Indoor

►P.058



12V IP65 Outdoor

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DALI Repeater

►P.060



DALI BUS

►P.061

EXPANSION Driver



12W 1CH/2CH

►P.064



25W 1CH/2CH

►P.065



40W 1CH/2CH

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60W 1CH/2CH

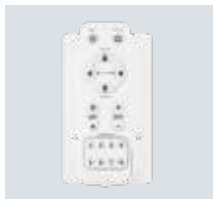
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EXPANSION Controller



4 Key Switch Type

►P.068



19 Key Remote Controller

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Minibee Controller

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EXPANSION Switch



86 Type 1 Gang

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86 Type 2Gang

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86 Type 3Gang

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86 Touch Panel

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86 type Auto-group

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Touch Panel Type

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5V PIR Light Sensor

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Sensor (PIR) 0-10V

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Sensor (MW) 0-10V

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High Bay Sensor (PIR)

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High Bay Sensor (MW)

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EXPANSION Adapter



0-10V Dim 2CH

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1-10V Dim 4CH

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Strip Light Adapter 2A / 5CH

►P.085



Strip Light Adapter 10A / 5CH

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Outdoor sensor switch

►P.087

EXPANSION

Gateway



Wire Type

►P.088



Desk Type

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EXPANSION

Camera



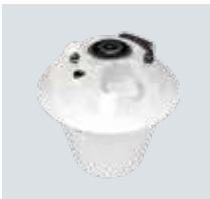
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IP Camera Downlight

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GX53

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BOX

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EXPANSION

Module



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BM026

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BM023

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BM027

►P.093



BM029

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DIRECTIONAL

MR Series



MR8 20W Equi.

►P.100



MR11 20W Equi.

►P.101



MR11 35W Equi.

►P.102



MR16 One Core 35W Equi.

►P.103



MR16 3 LED 35W Equi.

►P.104



MR16 One Core 50W Equi.

►P.105



MR16 5 LED 50W Equi.

►P.106



MR16 One Core 65W Equi.

►P.107



MR16 9 LED 65 W Equi.

►P.108



MR16 One Core 75W Equi.

►P.109



MR16 One Core 50W Equi.

►P.110



MR16 50W Equi. Angle Adjustabl Beam

►P.111



MR16 3LED 20W Equi.

►P.112



MR16 3LED 20W Equi.

►P.113



MR16 6LED 35W Equi. High Efficiency

►P.114



MR16 8LED 50W Equi.

►P.115



MR16 50W Equi.

►P.116

DIRECTIONAL

PAR Series



PAR9 35W Equi.

►P.117



PAR11 35W Equi.

►P.118



PAR16 GU10 3 LED 35W Equi.

►P.119



PAR16 GU10 One Core 35W Equi.

►P.120



PAR16 GU10 5 LED 50W Equi.

►P.121



PAR16 GU10
One Core 50W
Equi. ▶P.122



PAR16 GU10 9 LED
65W Equi. ▶P.123



PAR16 GU10
One Core 65W
Equi. ▶P.124



PAR16 GU10
One Core 75W
Equi. ▶P.125



PAR16 GU10 50W
Equi. ▶P.126



PAR16 GU10 50W
High Luminance ▶P.127



PAR16 GU10 50W
Equi. Plastic ▶P.128



PAR16 GU10 70W
Metal ▶P.129



PAR16 GU10 100W
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PAR16 GU10 3LED
20W ▶P.131



PAR16 GU10 6 ED
35W ▶P.132



PAR16 GU10 8 LED
50W ▶P.133



PAR16 GU10 50W
COB ▶P.134



PAR20 20W Metal ▶P.135



PAR20 35W Metal ▶P.136



PAR30 IP65 100W
Equi. ▶P.137



PAR38 IP65 100W
Equi. ▶P.138



PAR38 IP65 200W
Equi. ▶P.139



PAR30 70W Metal
Equi. ▶P.140



PAR30 70W Metal
Equi. Dimmable ▶P.141



PAR38 75W Metal
Equi. ▶P.142



PAR38 75W Metal
Equi. Dimmable ▶P.143



AR70 50W Equi. ▶P.144



AR111 100W Equi. ▶P.145



AR111 125W Equi. ▶P.146



ES111 100W Equi. ▶P.147



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DIRECTIONAL

BR Series



R86 12V RGB ▶P.149



BR4012V RGB ▶P.150

Non-DIRECTIONAL

JC Bi Pin



G4 10W Equi. ▶P.151



G4 20W Equi. ▶P.152



G4 30W Equi. ▶P.153



G4 10W Equi.
Shell-less Version ▶P.154

Non-DIRECTIONAL

A Series



A19 75W Equi. ▶P.155



INTELLIGENT

Smart Lighting

BLTC Smart Lighting System Overview

SYSTEM



Ideal for large-scale commercial/
building management



Control Method

Bluetooth + WiFi

Device Capacity

Up to 1000 devices (local),
over 6000 (via Gateway)

App Support

SYSTEM



Ideal for small to medium-size
commercial/ residential occassion



Control Method

Bluetooth

Device Capacity

Up to 128 devices per network

App Support

SYSTEM



Ideal for entry-level smart lighting
applications, compatible only with
selected BLTC products.



Control Method

Bluetooth

Device Capacity

Up to 128 devices

Without APP

BLTC DEVICE

Retrofit & Luminaire



Controller



Switch



Gateway



Sensor



Repeater



Adapter



Driver

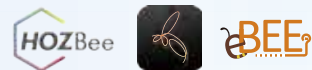


Smart MR16 35W Halogen Equivalent

Certification



Available APP



Base Type : GU5.3

Product Number:

- BLV1653X-XXW81LBT1(PA)
- BLV1653X-XXWXW81LBT1(PA)
- BLV1653X-XRGBXW81LBT1(PA)
- BLV1653X-XRGBXWXW81LBT1(PA)

**X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	12V
Power	5W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	APP
Standby Power	<0.5W

Dimension & Packing Information

Size	Ø50*50mm
Packing Method	100 PCS per Carton
Packing Size	290*290*400mm
Unit Net Weight	42g
Gross Weight	6.2KG

Optical Specification

Total Flux	400 lm
STD CRI	80
Beam Angle	20° / 40° / 60° / 120°
Candela (CBCP)	950 / 670 / 218 / 60
Color Mode	1 / 2 / 4 / 5
Mode Function	1 - Single CCT 2 - Tunable CCT 4 - RGB+Single CCT 5 - RGB+ Tunable CCT
CCT Option	2200-6500K
CRI Option	90 / 95

Other Information

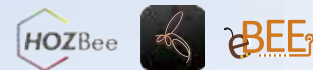
Connection Range	15-20M
Lamp Base	GU5.3
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

Smart PAR16 GU10 35W Halogen Equivalent

Certification



Available APP



Base Type : GU10

Product Number:

- BLV1610X-XXW81HBT1(PA)
- BLV1610X-XXWXW81HT1(PA)
- BLV1610X-XRGBXWXW81HBT1(PA)

**X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	100-240V
Power	5W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	APP
Standby Power	<0.5W

Dimension & Packing Information

Size	Ø50*57.5mm
Packing Method	150 PCS per Carton
Packing Size	590*304*400mm
Unit Net Weight	58g
Gross Weight	11.2KG

Optical Specification

Total Flux	400 lm
STD CRI	80
Beam Angle	20 ° / 40° / 60° / 120°
Candela (CBCP)	950 / 670 / 218 / 60
Color Mode	1 / 2 / 4 / 5
Mode Function	1 - Single CCT 2 - Tunable CCT 4 - RGB+Single CCT 5 - RGB+ Tunable CCT
CCT Option	2700-6500K
CRI Option	90 / 95

Other Information

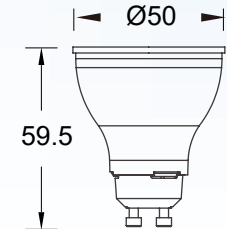
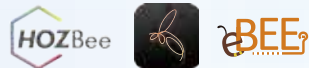
Connection Range	15-20M
Lamp Base	GU10
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

Smart PAR16 COB Like 50W Halogen Equivalent

Certification
Compliance



Available APP



Base Type : GU10

Product Number:
• BLWPA1610X-1XWXWXXH

**"X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	100-240V AC
Power	5.3W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	APP
Standby Power	<0.5W

Dimension & Packing Information

Size	Ø50*59.5mm
Packing Method	100 PCS per Carton
Packing Size	590*290*400mm
Unit Net Weight	60g
Gross Weight	7.5KG

Optical Specification

Total Flux	480 lm
STD CCT	2700K
Beam Angle	25° / 40° / 60°
Candela (CBCP)	2208 / 1488 / 576
Color Mode	1 / 2
Mode Function	1 - Single CCT 2 - Tunable CCT
CCT Option	2700-6500K
CRI Option	90 / 95

Other Information

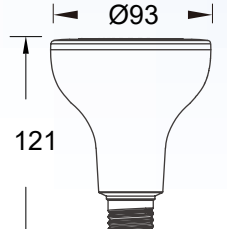
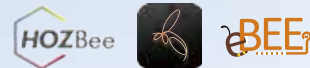
Connection Range	15-20M
Lamp Base	GU10
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

Smart IP65 PAR30 75W Halogen Equivalent

Certification
Compliance



Available APP



Base Type : E27

Product Number:
• BLWPA3027X-1XWXWXXH

**"X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	100-240V
Power	10W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	APP
Standby Power	<0.5W

Dimension & Packing Information

Size	Ø93*121mm
Packing Method	10 PCS per Carton
Packing Size	660*273*196mm
Unit Net Weight	305g
Gross Weight	4.8KG

Optical Specification

Total Flux	800 lm
STD CRI	80
Beam Angle	25° / 40°
Candela (CBCP)	1910 / 1230
Color Mode	1 / 2
Mode Function	1 - Single CCT 2 - Tunable CCT
CCT Option	2700-6500K
CRI Option	90 / 95

Other Information

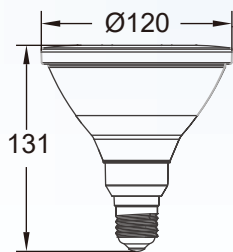
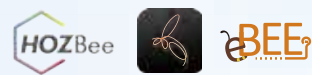
Connection Range	15-20M
Lamp Base	E27
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

Smart IP65 PAR38 65W Halogen Equivalent

Certification
Compliance



Available APP



Base Type:E27



Product Number:
• BLWPA3827X-1XWXWXXH

**X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification	
Input Voltage	100-240V
Power	12W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	APP
Standby Power	<0.5W

Dimension & Packing Information	
Size	Ø120*131mm
Packing Method	10 PCS per Carton
Packing Size	660*273*196mm
Unit Net Weight	448g
Gross Weight	6KG

Optical Specification	
Total Flux	850 lm
STD CRI	80
Beam Angle	30°
Candela (CBCP)	2150
Color Mode	1 / 2
Mode Function	1 - Single CCT 2 - Tunable CCT
CCT Option	2700-6500K
CRI Option	90 / 95

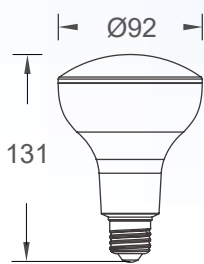
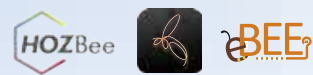
Other Information	
Connection Range	15-20M
Lamp Base	E27
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

Smart IP65 BR30 65W Halogen Equivalent

Certification
Compliance



Available APP



Base Type:E27



Product Number:
• BLWRB3027X-1XWXWXXH

**X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification	
Input Voltage	100-240V
Power	10W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	APP
Standby Power	<0.5W

Dimension & Packing Information	
Size	Ø92*131mm
Packing Method	10 PCS per Carton
Packing Size	660*273*196mm
Unit Net Weight	335g
Gross Weight	4.8 KG

Optical Specification	
Total Flux	700 lm
STD CRI	80
Beam Angle	120°
Candela (CBCP)	220
Color Mode	1 / 2
Mode Function	1 - Single CCT 2 - Tunable CCT
CCT Option	2700-6500K
CRI Option	90 / 95

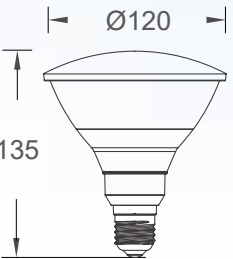
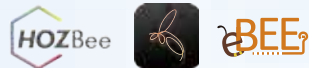
Other Information	
Connection Range	15-20M
Lamp Base	E27
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

Smart IP65 BR40 75W Halogen Equivalent

Certification
Compliance



Available APP



Base Type : E27

Product Number:
• BLWRB4027X-1XWXWXXH

**X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	100-240V
Power	13W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	APP
Standby Power	<0.5W

Dimension & Packing Information

Size	Ø120*135mm
Packing Method	10 PCS per Carton
Packing Size	660*273*196mm
Unit Net Weight	375g
Gross Weight	5.5KG

Optical Specification

Total Flux	900 lm
STD CRI	80
Beam Angle	120°
Candela (CBCP)	290
Color Mode	1 / 2
Mode Function	1 - Single CCT 2 - Tunable CCT
CCT Option	2700-6500K
CRI Option	90 / 95

Other Information

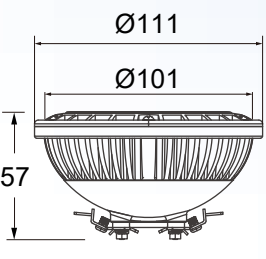
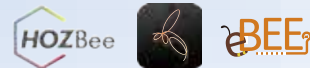
Connection Range	15-20M
Lamp Base	E27
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

Smart IP67 PAR36 80W Halogen Equivalent

Certification
Compliance



Available APP



Base Type : Screw Terminal

Product Number:
• BLV36STX-XRGBXW1208LBT1(PA)

**X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	12V
Power	10W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	APP
Standby Power	<0.5W

Dimension & Packing Information

Size	Ø111*57mm
Packing Method	24 PCS per Carton
Packing Size	590*304*400mm
Unit Net Weight	446g
Gross Weight	11.2KG

Optical Specification

Total Flux	800 lm
STD CRI	80
Beam Angle	40°
Candela (CBCP)	1300
Color Mode	1 / 2 / 4 / 5
Mode Function	1 - Single CCT 2 - Tunable CCT 4 - RGB+Single CCT 5 - RGB+ Tunable CCT
CCT Option	2700-6500K
CRI Option	90 / 95

Other Information

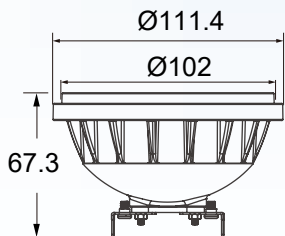
Connection Range	15-20M
Lamp Base	Screw Terminal
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

Smart AR111 100W Halogen Equivalent

Certification
Compliance



Available APP



Base Type : G53

Product Number:

- BLV11153WW-XXW121LBT1PA
- BLV11153WW-XXWXW241LBT1PA

**X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	12V
Power	11W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	APP
Standby Power	<0.5W

Dimension & Packing Information

Size	Ø111*67.3mm
Packing Method	24 PCS per Carton
Packing Size	570*400*250mm
Unit Net Weight	334g
Gross Weight	11KG

Optical Specification

Total Flux	1000 lm
STD CRI	80
Beam Angle	50°
Candela (CBCP)	1350
Color Mode	1 / 2
Mode Function	1 - Single CCT 2 - Tunable CCT
CCT Option	2700-6500K
CRI Option	90 / 95

Other Information

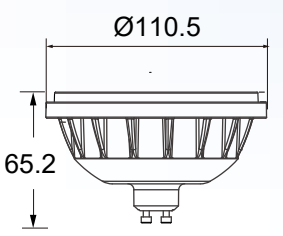
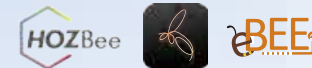
Connection Range	15-20M
Lamp Base	G53
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

Smart ES111 100W Halogen Equivalent

Certification
Compliance



Available APP



Base Type : GU10

Product Number:

- BLV11110WW-XXW121HBT1PA
- BLV11110WW-XXWXW241HBT1PA

**X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	100-240V
Power	11W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	APP
Standby Power	<0.5W

Dimension & Packing Information

Size	Ø111*65mm
Packing Method	24 PCS per Carton
Packing Size	570*400*250mm
Unit Net Weight	417g
Gross Weight	12.8KG

Optical Specification

Total Flux	1000 lm
STD CRI	80
Beam Angle	50°
Candela (CBCP)	1350
Color Mode	1 / 2
Mode Function	1 - Single CCT 2 - Tunable CCT
CCT Option	2700-6500K
CRI Option	90 / 95

Other Information

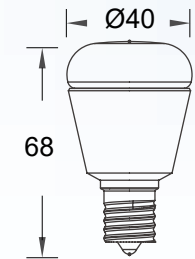
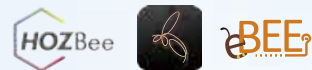
Connection Range	15-20M
Lamp Base	GU10
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

Smart A35 40W Incandescent Equivalent

Certification



Available APP



Base Type : E17

Product Number:
• BLV1117CC-NXWXW1603H1BT1

**"X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	100-240V
Power	4.5W
Frequency	50/60Hz
Power Factor	>0.6
Dimming	APP
Standby Power	<0.5W

Dimension & Packing Information

Size	Ø40*68mm
Packing Method	100 PCS per Carton
Packing Size	590*305*270mm
Unit Net Weight	67g
Gross Weight	8KG

Optical Specification

Total Flux	450 lm
STD CRI	80
Beam Angle	< 200°
Candela (CBCP)	55
Color Mode	1 / 2 / 4
Mode Function	1 - Single CCT 2 - Tunable CCT 4 - RGB+Single CCT
CCT Option	2700-6500K
CRI Option	90 / 95

Other Information

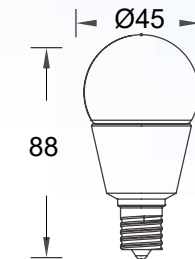
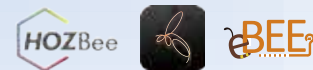
Connection Range	15-20M
Lamp Base	E17
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

Smart A45 40W Incandescent Equivalent

Certification



Available APP



Base Type : E17

Product Number:
• BLWA1417P25-XXW1605
• BLWA1417P25-XXWBW1605H1
• BLWA1417P25-XRGBXW1105H1

**"X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	100-240V
Power	4.5W
Frequency	50/60Hz
Power Factor	>0.6
Dimming	APP
Standby Power	<0.5W

Dimension & Packing Information

Size	Ø45*88mm
Packing Method	100 PCS per Carton
Packing Size	590*305*270mm
Unit Net Weight	67g
Gross Weight	8KG

Optical Specification

Total Flux	450 lm
STD CRI	80
Beam Angle	<200°
Candela (CBCP)	55
Color Mode	1 / 2 / 4
Mode Function	1 - Single CCT 2 - Tunable CCT 4 - RGB+Single CCT
CCT Option	2700-6500K
CRI Option	90 / 95

Other Information

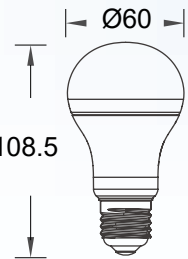
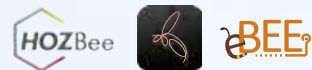
Connection Range	15-20M
Lamp Base	E17
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

Smart A60 60W Incandescent Equivalent

Certification



Available APP



Base Type : E27

Product Number:

- BLW1927XX-XXW1205H
- BLW1927XX-3VWBW2405H
- BLV1927XX-XRGBXW3202HBT1(PA)
- BLV1927XX-XRGBXWXW5302HBT1(PA)

**X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	100-240V
Power	8W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	APP
Standby Power	<0.5W

Dimension & Packing Information

Size	Ø60*108.5mm
Packing Method	50 PCS per Carton
Packing Size	365*365*275mm
Unit Net Weight	110g
Gross Weight	8.5KG

Optical Specification

Total Flux	810 lm
STD CRI	80
Beam Angle	220°
Candela (CBCP)	100
Color Mode	1 / 2 / 4 / 5
Mode Function	1 - Single CCT 2 - Tunable CCT 4 - RGB+Single CCT 5 - RGB+ Tunable CCT
CCT Option	2700-6500K
CRI Option	90 / 95

Other Information

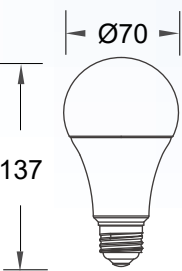
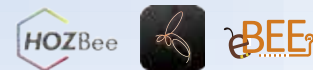
Connection Range	15-20M
Lamp Base	E27
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

Smart A70 80W Incandescent Equivalent

Certification



Available APP



Base Type : E27

Product Number:

- BLV2327XX-XXW2602HBT1(PA)
- BLV2327XX-XXWXW4702HBT1(PA)

**X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	100-240V
Power	12W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	APP
Standby Power	<0.5W

Dimension & Packing Information

Size	Ø70*137mm
Packing Method	50 PCS per Carton
Packing Size	365*365*275mm
Unit Net Weight	140g
Gross Weight	10.5KG

Optical Specification

Total Flux	1570 lm
STD CRI	80
Beam Angle	220°
Candela (CBCP)	155
Color Mode	1 / 2
Mode Function	1 - Single CCT 2 - Tunable CCT
CCT Option	2700-6500K
CRI Option	90 / 95

Other Information

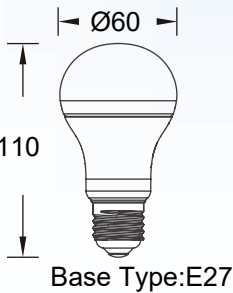
Connection Range	15-20M
Lamp Base	E27
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

Minibee A60 60W Incandescent Equivalent

Certification
Compliance



Available APP



Product Number:
• BLWA1927PP-XXWXW2406H

**X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	100-240V
Power	7W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	Controller
Standby Power	<0.5W

Dimension & Packing Information

Size	Ø60*110mm
Packing Method	40 PCS per Carton
Packing Size	515*325*126mm
Unit Net Weight	70g
Gross Weight	4.1KG

Optical Specification

Total Flux	810 lm
STD CRI	80
Beam Angle	220°
Candela (CBCP)	1351
Color Mode	2
Mode Function	2 - Tunable CCT
CCT Option	2700-5000K
CRI Option	90 / 95

Other Information

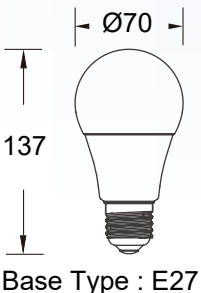
Connection Range	15-20M
Lamp Base	E27
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

Minibee A70 80W Incandescent Equivalent

Certification
Compliance



Available APP



Product Number:
• BLWA2327CC-XVWBWXXH

**X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	100-240V
Power	12W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	Controller
Standby Power	<0.5W

Dimension & Packing Information

Size	Ø70*137mm
Packing Method	40 PCS per Carton
Packing Size	415*340*390mm
Unit Net Weight	150g
Gross Weight	7.0KG

Optical Specification

Total Flux	1570 lm
STD CRI	80
Beam Angle	<180°
Candela (CBCP)	208
Color Mode	2
Mode Function	2 - Tunable CCT
CCT Option	2700-6500K
CRI Option	90 / 95

Other Information

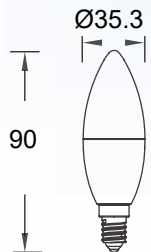
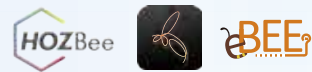
Connection Range	15-20M
Lamp Base	E27
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

Smart B35 35W Incandescent Equivalent

Certification



Available APP



Base Type : E14

Product Number:

- BLV8314CC-XXW608HBT1
- BLV8314CC-XXWXW406HBT1
- BLV8314CC-XRGBXW806HBT1
- BLV8314CC-XRGBXWXW806HBT1

**X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	100-240V
Power	4.5W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	APP
Standby Power	<0.5W

Dimension & Packing Information

Size	Ø35.3*90mm
Packing Method	50 PCS per Carton
Packing Size	365*365*275mm
Unit Net Weight	60g
Gross Weight	4.5KG

Optical Specification

Total Flux	350 lm
STD CRI	80
Beam Angle	105°
Candela (CBCP)	60
Color Mode	1 / 2 / 4 / 5
Mode Function	1 - Single CCT 2 - Tunable CCT 4 - RGB+Single CCT 5 - RGB+ Tunable CCT
CCT Option	2700-6500K
CRI Option	90 / 95 / 95*

Other Information

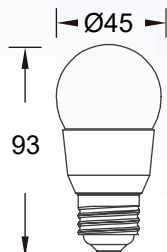
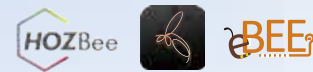
Connection Range	15-20M
Lamp Base	E14
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

Smart G45 30W Incandescent Equivalent

Certification



Available APP



Base Type : E27

Product Number:

- BLVG4527CC-XXW608HBT1
- BLVG4527CC-XXWXW41HBT1
- BLVG4527CC-XRGBXW806HBT1
- BLVG4527CC-XRGBXWXW806HBT1

**X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	100-240V
Power	4.5W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	APP
Standby Power	<0.5W

Dimension & Packing Information

Size	Ø45*93mm
Packing Method	50 PCS per Carton
Packing Size	365*365*275mm
Unit Net Weight	67g
Gross Weight	4.5KG

Optical Specification

Total Flux	350 lm
STD CRI	80
Beam Angle	220°
Candela (CBCP)	35
Color Mode	1 / 2 / 4 / 5
Mode Function	1 - Single CCT 2 - Tunable CCT 4 - RGB+Single CCT 5 - RGB+ Tunable CCT
CCT Option	2700-6500K
CRI Option	90/95

Other Information

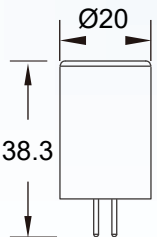
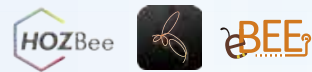
Connection Range	15-20M
Lamp Base	E27
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

Smart G4 10W Halogen Equivalent

Certification



Available APP



Base Type : G4

Product Number:

- BLVG440D120-XXW15LBT1
- BLVG440D120-XXWXW215LBT1
- BLVG440D120-XRGBXW15LBT1

**X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	12V
Power	1.4W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	APP
Standby Power	<0.5W

Dimension & Packing Information

Size	Ø20*38.3mm
Packing Method	172 PCS per Carton
Packing Size	210*96*104mm
Unit Net Weight	7g
Gross Weight	0.65KG

Optical Specification

Total Flux	120 lm
STD CRI	80
Beam Angle	120°
Candela (CBCP)	46
Color Mode	1 / 2 / 4 / 5
Mode Function	1 - Single CCT 2 - Tunable CCT 4 - RGB+Single CCT 5 - RGB+ Tunable CCT
CCT Option	2700-6500K
CRI Option	90 / 95

Other Information

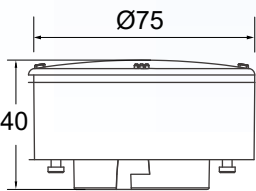
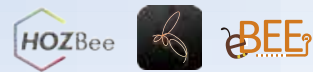
Connection Range	15-20M
Lamp Base	G4
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

Smart GX53 75mm 13W CFL Equivalent

Certification



Available APP



Base Type : GX53

Product Number:

- BLVG53D120-XXWXW181H1BT1
- BLVG53D120-XRGBXWXW241H1BT1

**X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	100-240V
Power	5.3W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	APP
Standby Power	<0.5W

Dimension & Packing Information

Size	Ø75*40mm
Packing Method	60 PCS per Carton
Packing Size	410*302*204mm
Unit Net Weight	107g
Gross Weight	8KG

Optical Specification

Total Flux	600 lm
STD CRI	80
Beam Angle	115°
Candela (CBCP)	-
Color Mode	1 / 2
Mode Function	1 - Single CCT 2 - Tunable CCT
CCT Option	2700-6500K
CRI Option	90 / 95

Other Information

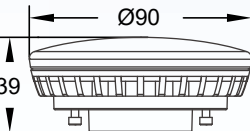
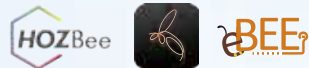
Connection Range	15-20M
Lamp Base	GX53
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

Smart GX53 90mm 18W CFL Equivalent

Certification



Available APP



Base Type : GX53

Product Number:

- BLVG53D120-XXWXW241H1BT1
- BLVG53D120-XRGBXWXW301H1BT1

**X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	100-240V
Power	8W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	APP
Standby Power	<0.5W

Dimension & Packing Information

Size	Ø90*39 mm
Packing Method	50 PCS per Carton
Packing Size	520*230*230mm
Unit Net Weight	136g
Gross Weight	8.5KG

Optical Specification

Total Flux	790 lm
STD CRI	80
Beam Angle	105°
Candela (CBCP)	250
Color Mode	1 / 2 / 5
Mode Function	1 - Single CCT 2 - Tunable CCT 5 - RGB+ Tunable CCT
CCT Option	2700-6500K
CRI Option	90 / 95

Other Information

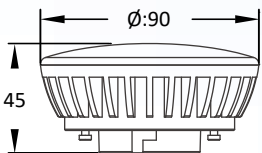
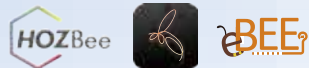
Connection Range	15-20M
Lamp Base	GX53
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

Smart GX53 90mm 26W CFL Equivalent

Certification



Available APP



Base Type : GX53

Product Number:

- BLVG53D120-XXWXW361H1BT1
- BLVG53D120-XRGBXWXW421H1BT1

**X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	100-240V
Power	0.7
Frequency	50/60Hz
Power Factor	>0.5
Dimming	APP
Standby Power	>0.5W

Dimension & Packing Information

Size	Ø90*45 mm
Packing Method	50 PCS per Carton
Packing Size	520*230*230mm
Unit Net Weight	223g
Gross Weight	10KG

Optical Specification

Total Flux	1100 lm
STD CRI	80
Beam Angle	105°
Candela (CBCP)	350
Color Mode	1 / 2 / 5
Mode Function	1 - Single CCT 2 - Tunable CCT 5 - RGB+ Tunable CCT
CCT Option	2700-6500K
CRI Option	90 / 95

Other Information

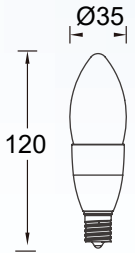
Connection Range	15-20M
Lamp Base	GX53
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

Smart Filament B35

Certification
Compliance



Available APP



Base Type : E14

Product Number:

- BLFCA3514GO-EFW41H2BT1G
- BLFB3514BB-T2265W41H2BT1

**"X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	200-240V
Power	2.5W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	APP
Standby Power	<0.5W

Dimension & Packing Information

Size	Ø35*120mm
Packing Method	50 PCS per Carton
Packing Size	270*270*360mm
Unit Net Weight	31g
Gross Weight	3.8KG

Optical Specification

Total Flux	220 lm
STD CRI	80
Beam Angle	260°
Candela (CBCP)	30
Color Mode	1 / 2
Mode Function	1 - Single CCT 2 - Tunable CCT
CCT Option	2200-6500K
CRI Option	90 / 95

Other Information

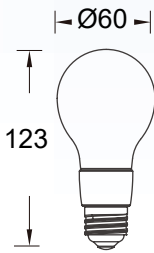
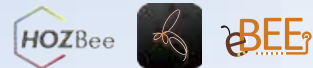
Connection Range	15-20M
Lamp Base	E14
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

Smart Filament A60

Certification
Compliance



Available APP



Base Type : E27

Product Number:

- BLFA6027GO-EFW41H2BT1G
- BLFA6027BB-T2265W41H2BT1

**"X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	200-240V
Power	3.5W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	APP
Standby Power	<0.5W

Dimension & Packing Information

Size	Ø60*123mm
Packing Method	36 PCS per Carton
Packing Size	490*470*195mm
Unit Net Weight	50g
Gross Weight	4.5KG

Optical Specification

Total Flux	350 lm
STD CRI	80
Beam Angle	260°
Candela (CBCP)	40
Color Mode	1 / 2
Mode Function	1 - Single CCT 2 - Tunable CCT
CCT Option	2200-6500K
CRI Option	90 / 95

Other Information

Connection Range	15-20M
Lamp Base	E27
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

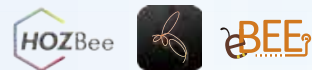
Smart Filament ST64

Certification

Compliance



Available APP



Base Type : E27

Product Number:

- BLFST6427GO-EFW41H2BT1G
- BLFST6427BB-T2265W42H1BT1

**X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	200-240V
Power	3.5W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	APP
Standby Power	<0.5W

Dimension & Packing Information

Size	Ø64*155mm
Packing Method	20 PCS per Carton
Packing Size	415*190*442mm
Unit Net Weight	64g
Gross Weight	2.5KG

Optical Specification

Total Flux	350 lm
STD CRI	80
Beam Angle	260°
Candela (CBCP)	40
Color Mode	1 / 2
Mode Function	1 - Single CCT 2 - Tunable CCT
CCT Option	2200-6500K
CRI Option	90 / 95

Other Information

Connection Range	15-20M
Lamp Base	E27
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

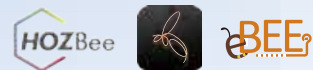
Smart Filament G80

Certification

Compliance



Available APP



Base Type :E27

Product Number:

- BLFG8027GO-EFW41H2BT1G
- BLFG8027BB-T2265W41H2BT1

**X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	200-240V
Power	3.5W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	APP
Standby Power	<0.5W

Dimension & Packing Information

Size	Ø80*149mm
Packing Method	18 PCS per Carton
Packing Size	350*350*450mm
Unit Net Weight	80g
Gross Weight	3 KG

Optical Specification

Total Flux	350 lm
STD CRI	80
Beam Angle	300°
Candela (CBCP)	40
Color Mode	1 / 2
Mode Function	1 - Single CCT 2 - Tunable CCT
CCT Option	2200-6500K
CRI Option	90 / 95

Other Information

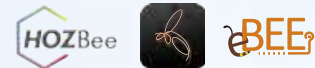
Connection Range	15-20M
Lamp Base	E27
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

Smart Filament G95

Certification
Compliance



Available APP



Base Type : E27

Product Number:

- BLFG9527GO-EFW41H2BT1G
- BLFG9527BB-T2265W41H2BT1

**X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	200-240V
Power	3.5W
Frequency	50/60Hz
Power Factor	>0.5
Dimming	APP
Standby Power	<0.5W

Dimension & Packing Information

Size	Ø95*154mm
Packing Method	18 PCS per Carton
Packing Size	350*350*450mm
Unit Net Weight	80g
Gross Weight	3 KG

Optical Specification

Total Flux	350 lm
STD CRI	80
Beam Angle	260°
Candela (CBCP)	40
Color Mode	1 / 2
Mode Function	1 - Single CCT 2 - Tunable CCT
CCT Option	2200-6500K
CRI Option	90 / 95

Other Information

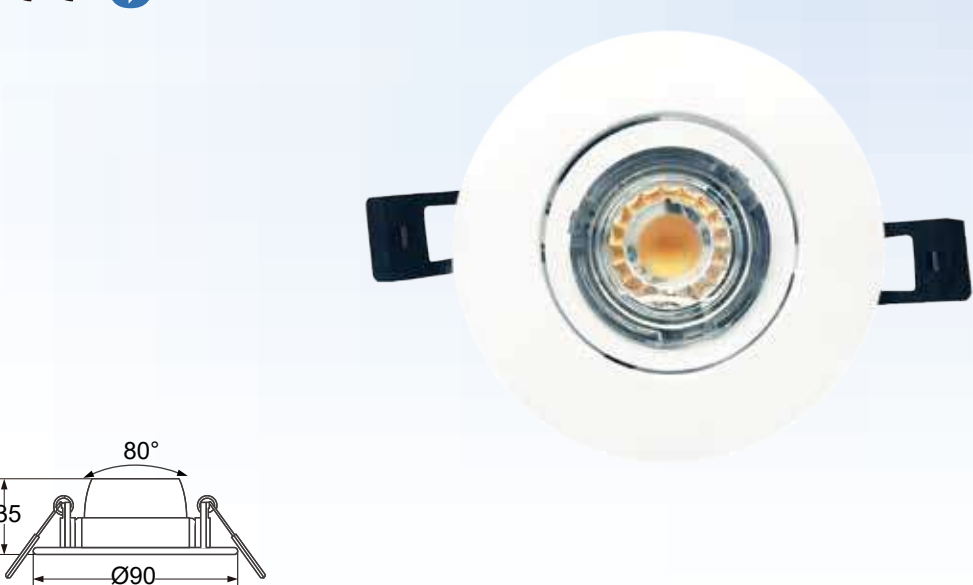
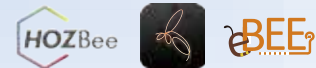
Connection Range	15-20M
Lamp Base	E27
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

Smart 7cm Cut-Out Downlight Adjustable

Certification
Compliance



Available APP



Product Number:

- BLV68W-TVWHBT1DR95
- BLV68W-T2740WHBT1DR95

**X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	100-240V
Power	8W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	APP
Standby Power	<0.5W

Dimension & Packing Information

Size	Ø90*35mm
Packing Method	60 PCS per Carton
Packing Size	520*230*230mm
Unit Net Weight	138g
Gross Weight	20KG

Optical Specification

Total Flux	600 lm
STD CRI	80
Beam Angle	40°
Candela (CBCP)	760
Color Mode	1 / 2
Mode Function	1 - Single CCT 2 - Tunable CCT
CCT Option	2700-4000K
CRI Option	90 / 95

Other Information

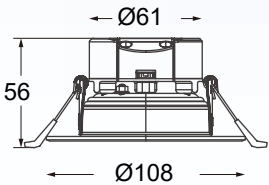
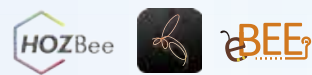
Connection Range	15-20M
Install Type	Wire
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

Smart 9cm Cut-Out Downlight

Certification
Compliance



Available APP



Product Number:

- BLL74D120-XXW1208HBT1
- BLL74D120-XXWXW2404HBT1
- BLL74D120-XRGBXW1805HBT1
- BLL74D120-XRGBXSXW3007HBT1

**X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	100-240V
Power	10W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	APP
Standby Power	<0.5W

Dimension & Packing Information

Size	Ø108*56mm
Packing Method	24 PCS per Carton
Packing Size	525*400*290mm
Unit Net Weight	164g
Gross Weight	6.5KG

Optical Specification

Total Flux	800 lm
STD CRI	80
Beam Angle	105°
Candela (CBCP)	250
Color Mode	1 / 2 / 4 / 5
Mode Function	1 - Single CCT 2 - Tunable CCT 4 - RGB+Single CCT 5 - RGB+ Tunable CCT
CCT Option	2700-6500K
CRI Option	90 / 95

Other Information

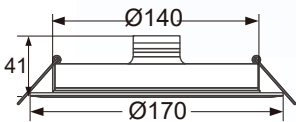
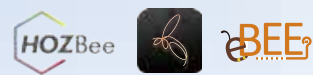
Connection Range	15-20M
Install Type	Wire
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

Smart 15cm Cut-Out Downlight

Certification
Compliance



Available APP



Product Number:

- BLL145D120-XXW2402HBT1
- BLL145D120-XXWXW4802HBT1

**X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	100-240V
Power	14W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	APP
Standby Power	<0.5W

Dimension & Packing Information

Size	Ø170*41mm
Packing Method	44 PCS per Carton
Packing Size	515*370*370mm
Unit Net Weight	263g
Gross Weight	16KG

Optical Specification

Total Flux	1000 lm
STD CRI	80
Beam Angle	120°
Candela (CBCP)	350
Color Mode	1 / 2
Mode Function	1 - Single CCT 2 - Tunable CCT
CCT Option	2700-6500K
CRI Option	90 / 95

Other Information

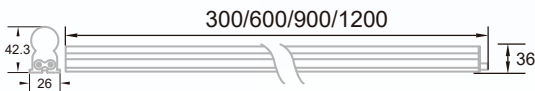
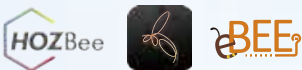
Connection Range	15-20M
Install Type	Wire
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

Smart T5 Batten 1FT

Certification
Compliance



Available APP



Product Number:

- BLVT510300-XXW1605HBT1
- BLVT510300-XXWXW3205HBT1

**"X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification	
Input Voltage	100-240V
Power	4W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	APP
Standby Power	<0.5W

Dimension & Packing Information	
Size	L300*W26*H42.3mm
Packing Method	50 PCS per Carton
Packing Size	375*205*260mm
Unit Net Weight	90g
Gross Weight	6KG

Optical Specification	
Total Flux	400 lm
STD CRI	80
Beam Angle	148°
Candela (CBCP)	74
Color Mode	1 / 2
Mode Function	1 - Single CCT 2 - Tunable CCT
CCT Option	2700-6500K
CRI Option	90 / 95
MAX connected Qty	40

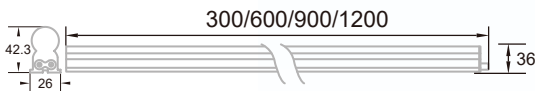
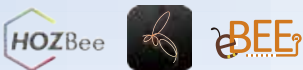
Other Information	
Connection Range	15-20M
Install Type	T5 Connector
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

Smart T5 Batten 2FT

Certification
Compliance



Available APP



Product Number:

- BLVT520600-XXW2805HBT1
- BLVT520600-XXWXW5605HBT1

**"X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification	
Input Voltage	100-240V
Power	8.5W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	APP
Standby Power	<0.5W

Dimension & Packing Information	
Size	L600*W26*H42.3mm
Packing Method	50 PCS per Carton
Packing Size	675*205*260mm
Unit Net Weight	129g
Gross Weight	8.2KG

Optical Specification	
Total Flux	850 lm
STD CRI	80
Beam Angle	148°
Candela (CBCP)	175
Color Mode	1 / 2
Mode Function	1 - Single CCT 2 - Tunable CCT
CCT Option	2700-6500K
CRI Option	90 / 95
MAX connected Qty	20

Other Information	
Connection Range	15-20M
Install Type	T5 Connector
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

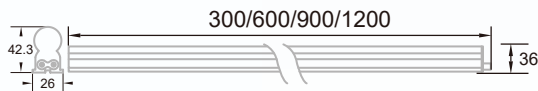
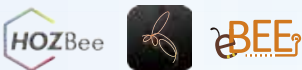
Smart T5 Batten 3FT

Certification

Compliance



Available APP



Product Number:

- BLVT530900-XXW4405HBT1
- BLVT530900-XXWXW8805HBT1

**"X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	100-240V
Power	12.5W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	APP
Standby Power	<0.5W

Dimension & Packing Information

Size	L900*W26*H42.3mm
Packing Method	50 PCS per Carton
Packing Size	975*205*260mm
Unit Net Weight	176g
Gross Weight	9.8KG

Optical Specification

Total Flux	1350 lm
STD CRI	80
Beam Angle	148°
Candela (CBCP)	276
Color Mode	1 / 2
Mode Function	1 - Single CCT 2 - Tunable CCT
CCT Option	2700-6500K
CRI Option	90 / 95
MAX connected Qty	16

Other Information

Connection Range	15-20M
Install Type	T5 Connector
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

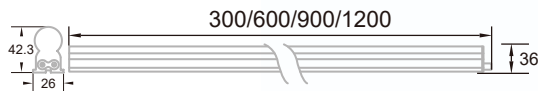
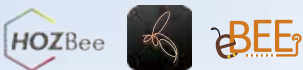
Smart T5 Batten 4FT

Certification

Compliance



Available APP



Product Number:

- BLVT5401200-XXW6005HBT1
- BLVT5401200-XXWXW12005HBT1

**"X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	100-240V
Power	17W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	APP
Standby Power	<0.5W

Dimension & Packing Information

Size	L1200*W26*H42.3mm
Packing Method	50 PCS per Carton
Packing Size	1275*205*260mm
Unit Net Weight	228g
Gross Weight	14KG

Optical Specification

Total Flux	1700 lm
STD CRI	80
Beam Angle	148°
Candela (CBCP)	344
Color Mode	1 / 2
Mode Function	1 - Single CCT 2 - Tunable CCT
CCT Option	2700-6500K
CRI Option	90 / 95
MAX connected Qty	12

Other Information

Connection Range	15-20M
Install Type	T5 Connector
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

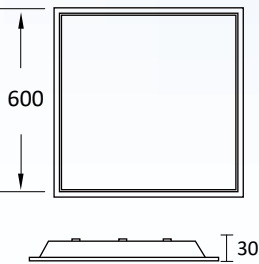
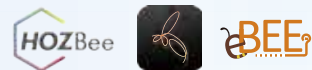
Smart LED Panel - 25W

Certification

Compliance



Available APP



Product Number:
• BLPPL606025-CCVWBWB2H-P2

**"X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	100-240V
Power	25W
Frequency	50/60Hz
Power Factor	>0.9
Dimming	APP
Standby Power	<0.5W

Dimension & Packing Information

Size	L600*W600*H30mm
Packing Method	6 PCS per Carton
Packing Size	610*228*610mm
Unit Net Weight	42g
Gross Weight	6.2KG

Optical Specification

Total Flux	3375 lm
STD CRI	80
Beam Angle	115°
Candela (CBCP)	1120
Color Mode	1 / 2
Mode Function	1 - Single CCT 2 - Tunable CCT
CCT Option	2700-6500K
CRI Option	90 / 95

Other Information

Connection Range	15-20M
Install Type	Wire
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

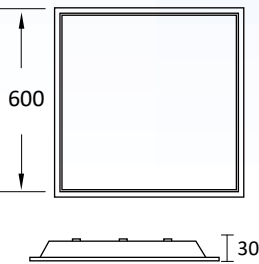
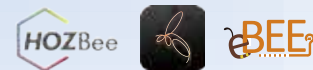
Smart LED Panel - 32W

Certification

Compliance



Available APP



Product Number:
• BLPPL606032-CCVWBWB2H-P2

**"X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	100-240V
Power	32W
Frequency	50/60Hz
Power Factor	>0.9
Dimming	APP
Standby Power	<0.5W

Dimension & Packing Information

Size	L600*W600*H30mm
Packing Method	6 PCS per Carton
Packing Size	610*228*610mm
Unit Net Weight	42g
Gross Weight	6.2KG

Optical Specification

Total Flux	4160 lm
STD CRI	80
Beam Angle	115°
Candela (CBCP)	1380
Color Mode	1 / 2
Mode Function	1 - Single CCT 2 - Tunable CCT
CCT Option	2700-6500K
CRI Option	90 / 95

Other Information

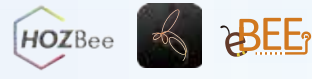
Connection Range	15-20M
Install Type	Wire
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

Smart 2ft Liner / 18W

Certification



Available APP



Product Number:
• BLPLL60018-CCVWBWB2HP6

**X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification	
Input Voltage	100-240V
Power	18W
Frequency	50/60Hz
Power Factor	>0.9
Dimming	APP
Standby Power	<0.5W

Dimension & Packing Information	
Size	L67*W600*H47.5mm
Packing Method	12 PCS per Carton
Packing Size	613*213*196mm
Unit Net Weight	320g
Gross Weight	4.5KG

Optical Specification	
Total Flux	2520 lm
STD CRI	80
Beam Angle	>120°
Candela (CBCP)	660
Color Mode	1 / 2
Mode Function	1 - Single CCT 2 - Tunable CCT
CCT Option	2700-6500K
CRI Option	90/95

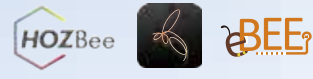
Other Information	
Connection Range	15-20M
Install Type	Wire
Operation Temp.	-20°-45°C
Storage Temp.	30°-60°C

Smart 4ft Liner / 36W

Certification



Available APP



Product Number:
• BLPLL120036-CCVWBWB2HP6

**X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification	
Input Voltage	100-240V
Power	36W
Frequency	50/60Hz
Power Factor	>0.9
Dimming	APP
Standby Power	<0.5W

Dimension & Packing Information	
Size	L67*W1200*H47.5mm
Packing Method	12 PCS per Carton
Packing Size	1213*213*196mm
Unit Net Weight	524g
Gross Weight	7.5KG

Optical Specification	
Total Flux	5040 lm
STD CRI	80
Beam Angle	>120°
Candela (CBCP)	1360
Color Mode	1 / 2
Mode Function	1 - Single CCT 2 - Tunable CCT
CCT Option	2700-6500K
CRI Option	90/95

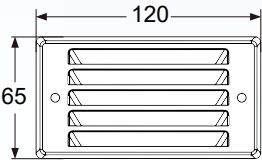
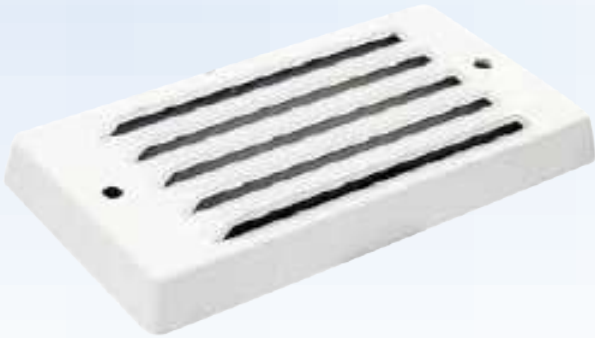
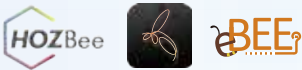
Other Information	
Connection Range	15-20M
Install Type	Wire
Operation Temp.	-20°-45°C
Storage Temp.	30°-60°C

Smart IP65 5’’Step Light

Certification
Compliance



Available APP



Product Number:

- BLVFLODD120-XXW605LBT1
- BLVFLODD120-XXWXW1205LBT1

**X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification	
Input Voltage	AC/DC 12V
Power	2.3W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	APP
Standby Power	<0.5W

Dimension & Packing Information	
Size	L65*W120*H19.6mm
Packing Method	24 PCS per Carton
Packing Size	L409*W366*H146mm
Unit Net Weight	250g
Gross Weight	8KG

Optical Specification	
Total Flux	40 lm
STD CRI	80
Beam Angle	>100°
Candela (CBCP)	30
Color Mode	1 / 2
Mode Function	1 - Single CCT 2 - Tunable CCT
CCT Option	2700-6500K
CRI Option	90 / 95

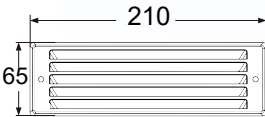
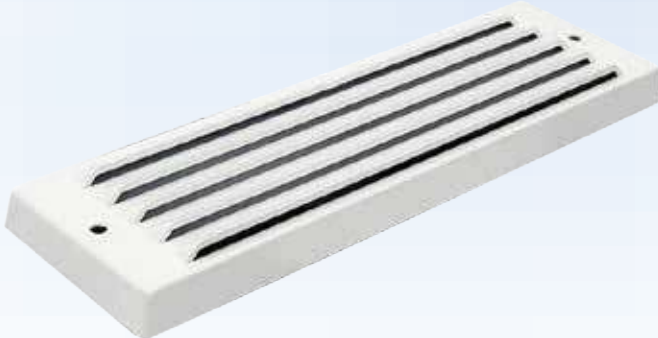
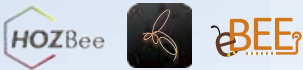
Other Information	
Connection Range	15-20M
Install Type	Wire
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

Smart IP65 9’’Step Light

Certification
Compliance



Available APP



Product Number:

- BLVFLODD120-XXW1205LBT1
- BLVFLODD120-XXWXW2405LBT1

**X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification	
Input Voltage	AC/DC 12V
Power	4.8W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	APP
Standby Power	<0.5W

Dimension & Packing Information	
Size	L65*W210*H19.6mm
Packing Method	24 PCS per Carton
Packing Size	L409*W366*H146mm
Unit Net Weight	450g
Gross Weight	12KG

Optical Specification	
Total Flux	70 lm
STD CRI	80
Beam Angle	>100°
Candela (CBCP)	45
Color Mode	1 / 2
Mode Function	1 - Single CCT 2 - Tunable CCT
CCT Option	2700-6500K
CRI Option	90 / 95

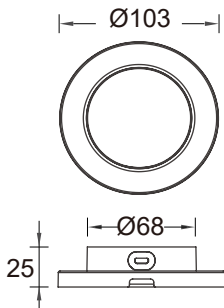
Other Information	
Connection Range	15-20M
Install Type	Wire
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

Smart 5V Indoor Repeater

Certification



Available APP



Product Number:
• BLI-ER-MU05-BT01

*Contact our sales for more details

Electrical Specification	
Input Voltage	DC 5V (Micro USB)
Power	<1W
Radio Frequency	2.4GHz

Package	
Dimension	Ø103*25mm
Unit Weight	50g
Accessory	Hanger Base *1
Package	50 PCS per Carton
Carton Size	565*236*200mm
Gross Weight	4.5KG

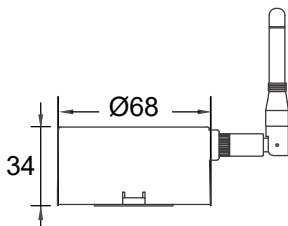
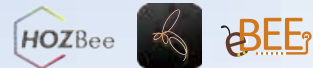
Other Information	
Connection Range	50~70M
Operating Temp.	-20°-60°C
Storage Temp.	-20°-70°C

Smart 12V IP65 Outdoor Repeater

Certification



Available APP



Product Number:
• BLI-ERO-V12-BT01

*Contact our sales for more details

Electrical Specification	
Input Voltage	AC / DC12V
Power	<1W
Radio Frequency	2.4GHz

Package	
Dimension	Ø68*34mm
Unit Weight	76g
Accessory	Screw * 2
Package	60 PCS per Carton
Carton Size	646*360*204mm
Gross Weight	7KG

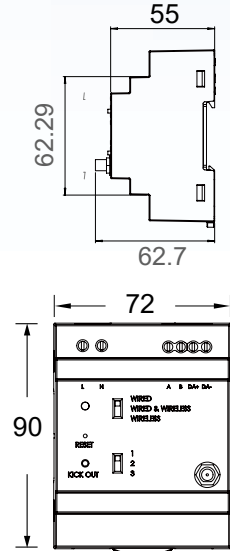
Other Information	
Connection Range	50~70M
Operating Temp.	-20°-60°C
Storage Temp.	-20°-70°C

Smart DALI Repeater Track Type

Certification



Available APP



DESIGN PLUS
by light+building
Nominee 2024

Product Number:
• BLIREBA-W001HEXT

*Contact our sales for more details

Electrical Specification

Input Voltage	100-240V
Power	<1W
Radio Frequency	2.4GHz

Package

Dimension	55*72*90mm
Unit Weight	50g
Accessory	Hanger Base *1
Package	10 PCS per Carton
Carton Size	382*114*180mm
Gross Weight	4.5KG

Other Information

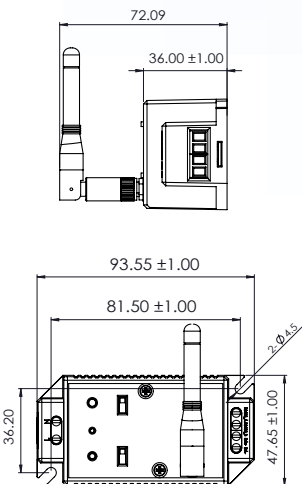
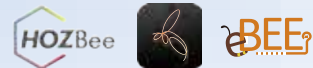
Connection Range	50~70M
Operating Temp.	-20°-60°C
Storage Temp.	-20°-70°C

Smart DALI Repeater Mount Type (DALI BUS)

Certification



Available APP



Product Number:
• BLWRE-D12CA-1

*Contact our sales for more details

Electrical Specification

Input Voltage	100-240 V
Power	5W
Radio Frequency	2.4GHz

Package

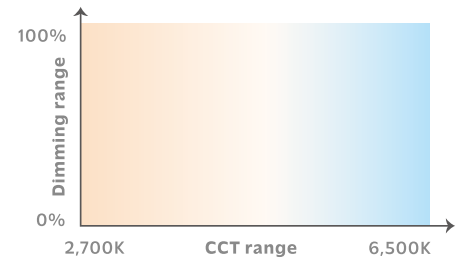
Dimension	36*49*36mm
Unit Weight	250g
Accessory	NO
Package	20 PCS per Carton
Carton Size	480*80*80mm
Gross Weight	6KG

Other Information

Connection Range	50~70M
Operating Temp.	-20°-60°C
Storage Temp.	-20°-70°C



OUR SPECIAL FEATURES



Installation - EASY

Our driver products can be installed either in the luminaire as a built-in driver or out of the luminaire as an independent driver, easily transformed by a screw driver.

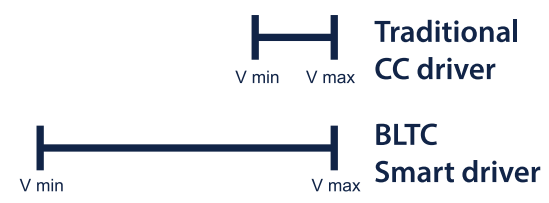
Configuration - QUICK

Our product has conventional and antenna extension version to keep the signal transmission strength at different luminaire installation environments.

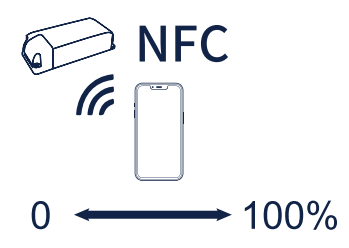
Working Voltage - Wide

In addition to traditional dimming drivers, we also provide smart drivers to control CCT and RGB (under development) based on the needs from luminaire manufacturers.

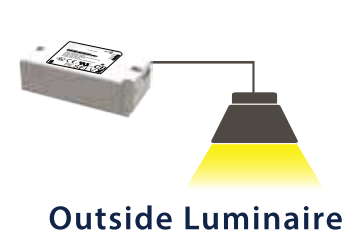
TRIPLE working voltage



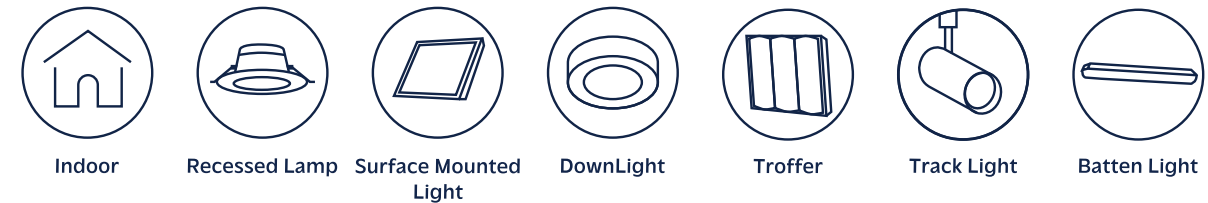
Near Field Communication to set up required output power



Different installation modes



Application



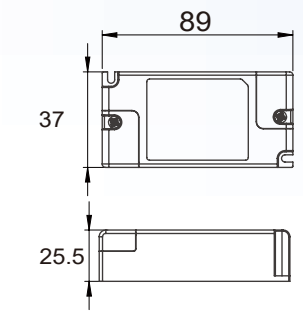
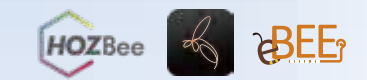
Smart 12W Smart LED Driver 1CH/2CH

Certification

Compliance



Available APP



- Product Number:
- BLPDRBE1201HPNFC
 - BLPDRBE1202HPNFC
 - BLPDRBE1201HPNFCEXT
 - BLPDRBE1202HPNFCEXT

*Contact our sales for more details

Electrical Specification

Input	
Input Voltage	100-277V
Inrush Current	20A@230V
Frequency	47-63Hz
Power Factor	>0.9@full load
Leakage Current	<0.5mA@240V

Output	
Working Voltage	6-42V
Full Load Voltage	21-42V
Working Current	280-570mA
Output Power Rated	12W
Efficiency	>80%@full load

Dimming & Color Tuning Level

Dimming Level	0-100%
Color Tuning Level	100 intervals in CCT range

Dimension

Dimension	89*37*25.5mm
Packing Volume	40 PCS per Carton
Net Weight	110g
Gross Weight	5.6KG

Environment

Working Temp. (Tcase)	-30~+80°C
Storage Temp.	-40~+70°C

Accessory -External Antenna (optional)

External Antenna (optional)	
-----------------------------	--

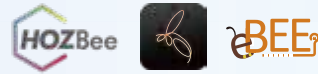
Smart 25W Smart LED Driver 1CH/2CH

Certification

Compliance



Available APP



- Product Number:
- BLPDRBE2501HPNFC
 - BLPDRBE2502HPNFC
 - BLPDRBE2501HPNFCEXT
 - BLPDRBE2502HPNFCEXT

*Contact our sales for more details

Electrical Specification

Input	
Input Voltage	100-277V
Inrush Current	20A@230V
Frequency	47-63Hz
Power Factor	>0.9@full load
Leakage Current	<0.5mA@240V

Output	
Working Voltage	6-54V
Full Load Voltage	27-54V
Working Current	460-920mA
Ouput Power Rated	25W
Efficiency	>80%@full load

Dimming & Color Tuning Level

Dimming Level	0-100%
Color Tuning Level	100 intervals in CCT range

Dimension

Dimension	98.7*50*29mm
Packing Volume	40 PCS per Carton
Net Weight	210g
Gross Weight	8.5KG

Environment

Working Temp. (Tcase)	-30~+80°C
Storage Temp.	-40~+70°C

Accessory -External Antenna (optional)

External Antenna (optional)

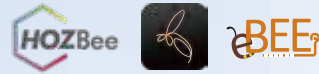
Smart 40W Smart LED Driver 1CH/2CH

Certification

Compliance



Available APP



- Product Number:
- BLPDRBE4001HPNFC
 - BLPDRBE4002HPNFC
 - BLPDRBE4001HPNFCEXT
 - BLPDRBE4002HPNFCEXT

*Contact our sales for more details

Electrical Specification

Input	
Input Voltage	100-277V
Inrush Current	20A@230V
Frequency	47-63Hz
Power Factor	>0.9@full load
Leakage Current	<0.5mA@240V

Output	
Working Voltage	12-54V
Full Load Voltage	27-54V
Working Current	740-1480mA
Ouput Power Rated	40W
Efficiency	>80%@full load

Dimming & Color Tuning Level

Dimming Level	0-100%
Color Tuning Level	100 intervals in CCT range

Dimension

Dimension	141*56*30mm
Packing Volume	40 PCS per Carton
Net Weight	340g
Gross Weight	8.2KG

Environment

Working Temp. (Tcase)	-30~+80°C
Storage Temp.	-40~+70°C

Accessory -External Antenna (optional)

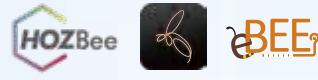
External Antenna (optional)

Smart 60W Smart LED Driver 1CH/2CH

Certification



Available APP



- Product Number:
- BLPDRBE6001HPNFC
 - BLPDRBE6002HPNFC
 - BLPDRBE6001HPNFCEXT
 - BLPDRBE6002HPNFCEXT

*Contact our sales for more details

Electrical Specification

Input	
Input Voltage	100-277V
Inrush Current	20A@230V
Frequency	47-63Hz
Power Factor	>0.9@full load
Leakage Current	<0.5mA@240V

Output	
Working Voltage	12-54V
Full Load Voltage	27-54V
Working Current	1100-2200mA
Ouput Power Rated	60W
Efficiency	>80%@full load

Dimming & Color Tuning Level

Dimming Level	0-100%
Color Tuning Level	100 intervals in CCT range

Dimension

Dimension	141*56*30mm
Packing Volume	20 PCS per Carton
Net Weight	340g
Gross Weight	8.2KG

Environment

Working Temp. (Tcase)	-30~+80°C
Storage Temp.	-40~+70°C

Accessory -External Antenna (optional)

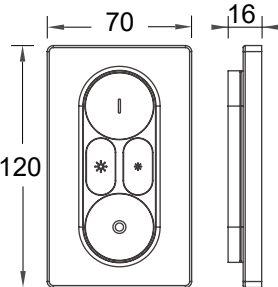
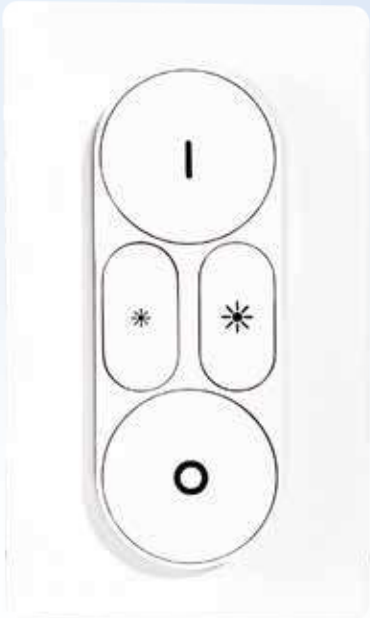
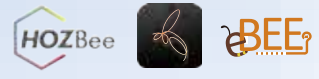
Exiternal Antenna (optional)

Smart 4 Key Switch Controller

Certification



Available APP



- Product Number:
- BLI-CS-CR-BT01

*Contact our sales for more details

Electrical Specification

Input Voltage	CR2450*1, DC 3V
Power	<1W
Radio Frequency	2.4GHz

Package

Dimension	70*120*16mm
Unit Weight	35g
Accessory	Hanger*1 / Screw*2
Package	50 PCS per Carton
Carton Size	394*282*173mm
Gross Weight	3KG

Other Information

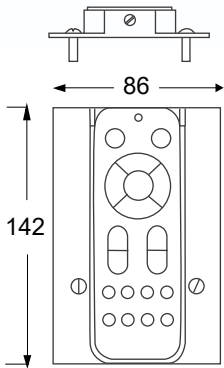
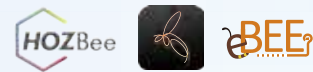
Connection Range	15-20M
Operating Temp.	-20°-60°C
Storage Temp.	-20°-70°C

Smart 19 Key Remote Controller

Certification



Available APP



Product Number:
• BLI-CR-A4-BT01W

*Contact our sales for more details

Electrical Specification	
Input Voltage	AAA*2, DC3V
Power	<1W
Radio Frequency	2.4GHz

Package	
Dimension	142*86*17.5mm
Unit Weight	62g
Accessory	Hanger*1 / Screw *2
Package	80 PCS per Carton
Carton Size	642*360*204mm
Gross Weight	9.5KG

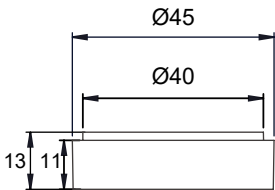
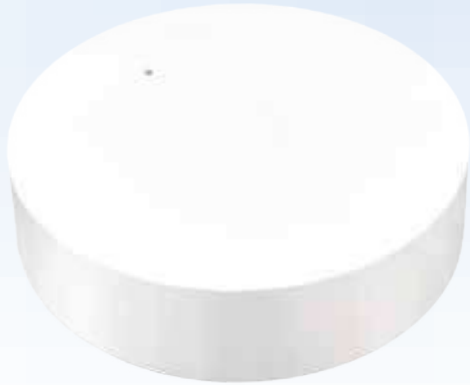
Other Information	
Connection Range	15-20M
Operating Temp.	-20°-60°C
Storage Temp.	-20°-70°C

Smart Minibee Controller

Certification



Available APP



Product Number:
• BLIRCBE-W001B

*Contact our sales for more details

Electrical Specification	
Input Voltage	CR2032*1, DC 3V
Power	<1W
Radio Frequency	2.4GHz

Package	
Dimension	Ø45*H13mm
Unit Weight	30g
Accessory	N/A
Package	100 PCS per Carton
Carton Size	265*265*188mm
Gross Weight	4.5KG

Other Information	
Connection Range	15-20M
Operating Temp.	-20°-60°C
Storage Temp.	-20°-70°C

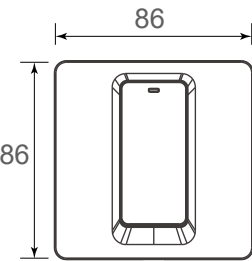
Smart Switch 86 Type 1 Gang

Certification

Compliance



Available APP



Product Number:
• BLI-CS-H2-BT01

*Contact our sales for more details

Electrical Specification

Input Voltage	200-240V
Maximum Load	600W / Gang
Radio Frequency	2.4GHz

Package

Dimension	86*86*36mm
Unit Weight	79g
Accessory	Screws
Package	50 PCS per Carton
Carton Size	520*220*270mm
Gross Weight	7.7Kg

Other Information

Connection Range	15-20M
Operating Temp.	-20°-60°C
Storage Temp.	-20°-70°C

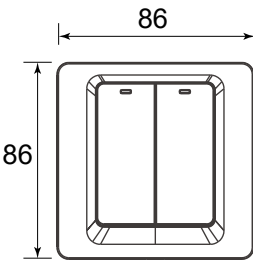
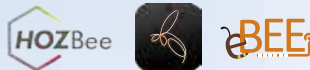
Smart Switch 86 Type 2 Gang

Certification

Compliance



Available APP



Product Number:
• BLI-CS-H2-BT02

*Contact our sales for more details

Electrical Specification

Input Voltage	200-240V
Maximum Load	600W / Gang
Radio Frequency	2.4GHz

Package

Dimension	86*86*36mm
Unit Weight	79g
Accessory	Screws
Package	50 PCS per Carton
Carton Size	520*220*270mm
Gross Weight	7.7KG

Other Information

Connection Range	15-20M
Operating Temp.	-20°-60°C
Storage Temp.	-20°-70°C

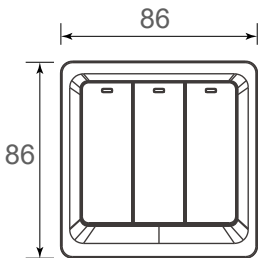
Smart Switch 86 Type 3 Gang

Certification

Compliance



Available APP



Product Number:
• BLI-CS-H2-BT03

*Contact our sales for more details

Electrical Specification

Input Voltage	200-240V
Maximum Load	600W / Gang
Radio Frequency	2.4GHz

Package

Dimension	86*86*36mm
Unit Weight	79g
Accessory	Screws
Package	50 PCS per Carton
Carton Size	520*220*270mm
Gross Weight	7.7KG

Other Information

Connection Range	15-20M
Operating Temp.	-20°-60°C
Storage Temp.	-20°-70°C

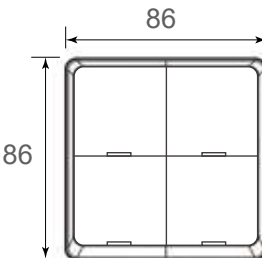
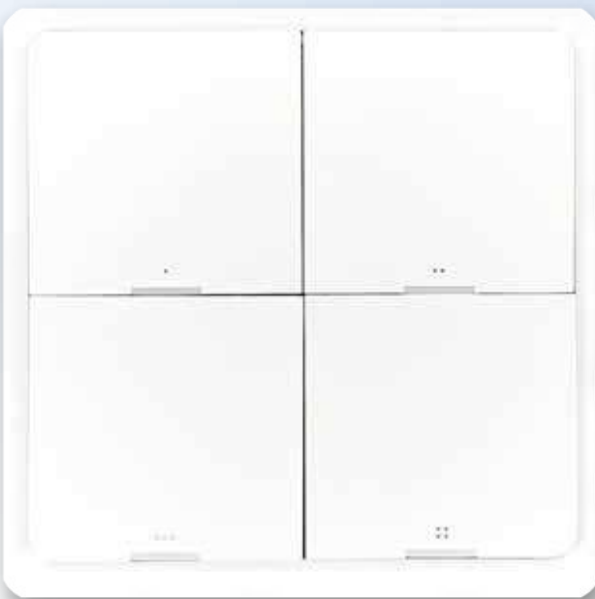
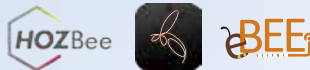
Smart 4 key Scene Switch

Certification

Compliance



Available APP



Product Number:
• BLI-CS-CR-BT02

*Contact our sales for more details

Electrical Specification

Input Voltage	CR2430*1, DC 3V
Power	<1W
Radio Frequency	2.4GHz

Package

Dimension	86*86*13mm
Unit Weight	66g
Accessory	N/A
Package	150 PCS per Carton
Carton Size	525*325*235mm
Gross Weight	9.9KG

Other Information

Connection Range	15-20M
Operating Temp.	-20°-60°C
Storage Temp.	-20°-70°C

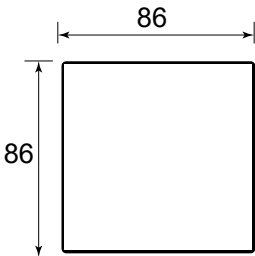
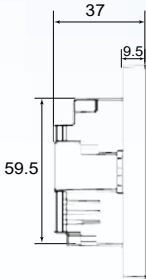
Smart 86 Touch Panel

Certification

Compliance



Available APP



Product Number:
• BLPSW-B1FA-1

*Contact our sales for more details

Electrical Specification

Input Voltage	AC 100-220V 50/60Hz
Power	<5W
Maximum Load	5A / 500W@100V, 1000W@20V
Radio Frequency	2.4GHz

Package

Dimension	86*86*37mm
Unit Weight	180g
Accessory	Non
Package	30 PCS per Carton
Carton Size	200*460*130mm
Gross Weight	7 KG

Other Information

Connection Range	15-20M
Operating Temp.	-20°-60°C
Storage Temp.	-20°-70°C

Smart 86 type
Auto-group switch



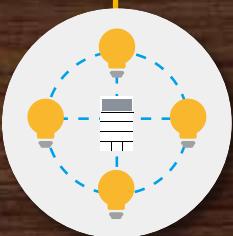
2 Operation System / Mode



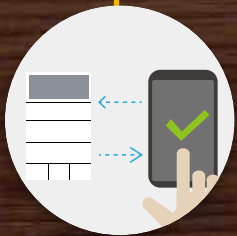
Portable
Controller



Simple Install
and Setup



Fast Grouping –
App Free (Basic)



App Mode
(Advanced)

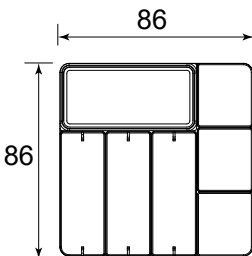
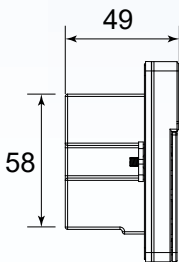
Smart 86 type Auto-group swtich

Certification

Compliance



Available APP



Product Number:
• BLPSW-B1SA-1

*Contact our sales for more details

Electrical Specification

Input Voltage	AC 200-240V
Power	<3W
maximum Load	10A / 2000W@200V
Radio Frequency	2.4GHz

Package

Dimension	86*86*49mm
Unit Weight	350g
Accessory	NO
Package	20 PCS per Carton
Carton Size	200*460*130mm
Gross Weight	8.5KG

Other Information

Connection Range	10-20M
Operating Temp.	-20°-60°C
Storage Temp.	-20°-70°C

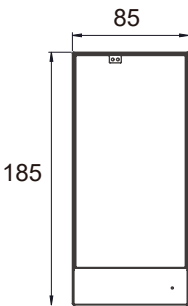
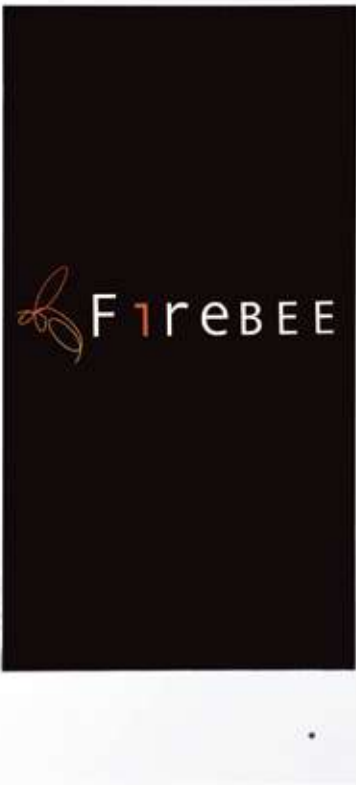
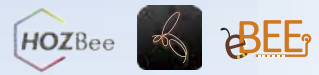
Smart Touch Panel Type

Certification

Compliance



Available APP



Product Number:
• BLI-GW-H-BT01

*Contact our sales for more details

Electrical Specification

Input Voltage (Dual Input)	100V-240V DC 5V (Type C)
Power	3W
Signal Receiver	WIFI / LAN

Package

Dimension	L185*W85*H13mm
Unit Weight	342g
Accessory	Holder *1
Package	20 PCS per Carton
Carton Size	782*432*153mm
Gross Weight	9Kg

Other Information

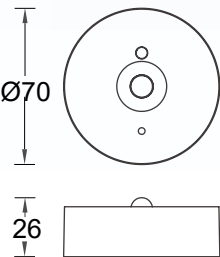
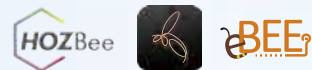
Connection Range	20-30M
Operating Temp.	-20°-60°C
Storage Temp.	-20°-70°C

Smart 5V PIR Light Sensor

Certification



Available APP



Product Number:
• BLI-SPL-A4MU05-BT01

*Contact our sales for more details

Electrical Specification	
Input Voltage	DC 5V Micro USB or DC3V AAA*2
Power	<1W
Radio Frequency	2.4GHz

Sensor Specification	
Detection Angle	90°
Installation Height	2-3.5M

Package	
Dimension	Ø70*H26mm
Unit Weight	50g
Accessory	Hanger Base *1
Package	50 PCS per Carton
Carton Size	565*236*200mm
Gross Weight	4.5Kg

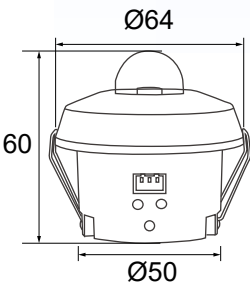
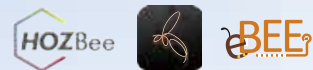
Other Information	
Detection Range	4-7M radius
Operating Temp.	-20°-45°C
Storage Temp.	-20°-70°C

Smart PIR Sensor with 0-10V Dimming - Recessed Type

Certification



Available APP



Product Number:
• BLI-SPL-V12-BT01
• BLI-SPL-H-BT01

*Contact our sales for more details

Electrical Specification		
Input Voltage	12V	Line voltage
	DC 12V	100-240V
Power	<1W	<1W
Connection	Socket	Wire

Sensor Specification	
Detection Angle	90°
Installation Height	2-3.5M

Package	
Dimension	Ø64*H60mm
Unit Weight	70g
Accessory	Hanger Base *1
Package	100 PCS per Carton
Carton Size	370*370*380mm
Gross Weight	9Kg

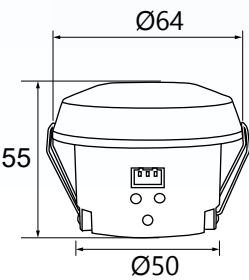
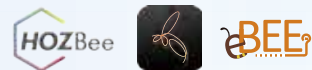
Other Information	
Detection Range	4-7M radius
Operating Temp.	-20°-45°C
Storage Temp.	-20°-70°C

Smart Occupancy Sensor (MW) with 0-10V Adapter

Certification



Available APP



Product Number:
• BLI-SML-V12-BT01
• BLI-SML-H-BT01

*Contact our sales for more details

Electrical Specification		
Input Voltage	12V	Line voltage
	DC 12V	100-240V
Power	<1W	<1W
Connection	Socket	Wire

Sensor Specification	
Detection Angle	100°
Installation Height	3.5-5M

Package	
Dimension	Ø64*H55mm
Unit Weight	120g
Accessory	Hanger Base *1
Package	100 PCS per Carton
Carton Size	370*370*380mm
Gross Weight	9Kg

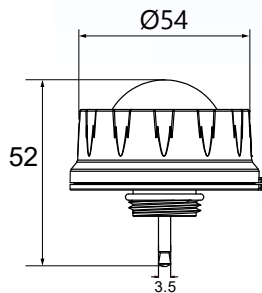
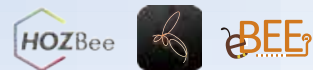
Other Information	
Detection Range	8M Meter
Operating Temp.	-20°-45°C
Storage Temp.	-20°-70°C

Smart High Bay Occupancy Sensor (PIR)

Certification



Available APP



Product Number:
• BLI-SPH-V12-BT01

*Contact our sales for more details

Electrical Specification	
Input Voltage	DC 12V
Power	<1W
Connection	AUX 3.5 Socket
infrared Wavelength	5-14um
output signal peak	3500mV

Sensor Specification	
Detection Angle	90°
Installation Height	6M (Max)

Package	
Dimension	Ø54*H52mm
Unit Weight	70g
Box Size	60*60*52mm
Package	120 PCS per Carton
Carton Size	400*300*250mm
Gross Weight	6.6Kg

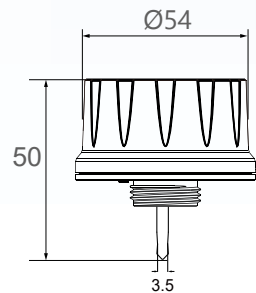
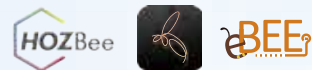
Other Information	
Detection Range	3-5M radius
Operating Temp.	-20°-45°C
Storage Temp.	-20°-70°C

Smart High Bay Occupancy Sensor (MW)

Certification



Available APP



Product Number:
• BLI -SMH-V12-BT01

*Contact our sales for more details

Electrical Specification	
Input Voltage	DC 12V
Power	<1W
Connection	AUX 3.5 Socket
infrared Wavelength	Frequency 5.8GHz
output signal peak	Microwave Power <0.3mW

Sensor Specification	
Detection Angle	30-150°
Installation Height	15M (Max)

Package	
Dimension	Ø54*H50mm
Unit Weight	92g
Box Size	60*60*52mm
Package	120 PCS per Carton
Carton Size	400*300*250mm
Gross Weight	11Kg

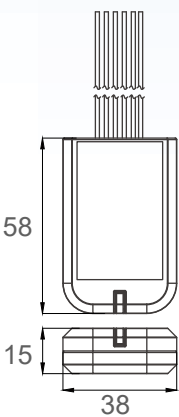
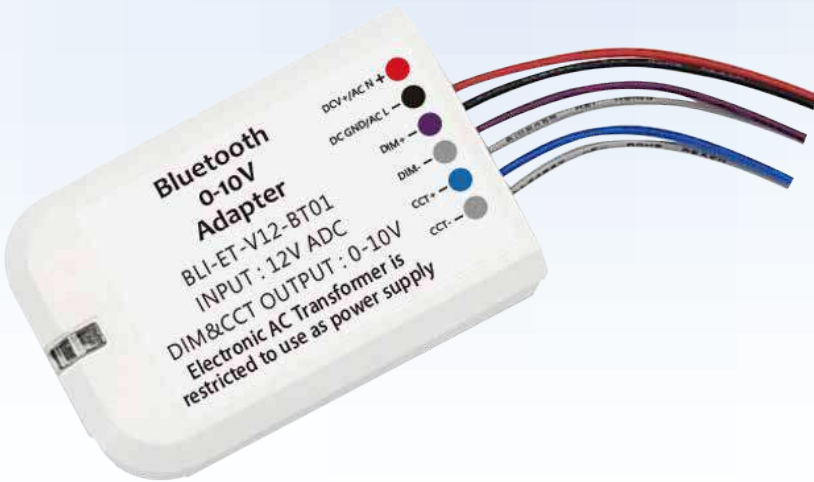
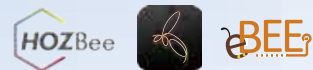
Other Information	
Detection Range	>4M
Operating Temp.	-20°-45°C
Storage Temp.	-20°-70°C

Smart 0-10V 2CH Adapter

Certification



Available APP



Product Number:
• BLI-ET-V12-BT01

*Contact our sales for more details

Electrical Specification	
Input Voltage	12V AC/DC
Output Voltage	0-10V DC
Channel	1 / 2
Function	1 - Single CCT 2 - Tunable CCT
Power	<1W
Radio Frequency	2.4GHz

Package	
Dimension	L58*W38*H15mm
Unit Weight	22g
Package	50 PCS per Carton
Carton Size	216*169*136.5mm
Gross Weight	3 KG

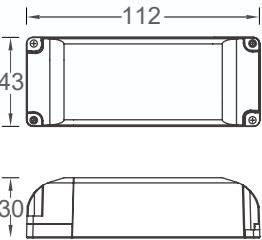
Other Information	
Connection Range	15-20M
Operating Temp.	-20°-60°C
Storage Temp.	-20°-70°C

Smart 1-10V 4CH Adapter

Certification



Available APP



Product Number:
• BLI-ET-04DC0010H-BT01

*Contact our sales for more details

Electrical Specification	
Input Voltage	100-240V
Output Voltage	0-10V
Channel	1 / 2 / 3 / 4
Function	1 - Single CCT 2 - Tunable CCT 3 - RGB 4 - RGB+Single CCT
Power , Load	<2W , 1000W Max
Radio Frequency	2.4GHz

Package	
Dimension	L112*W43*H30mm
Unit Weight	163g
Package	50 PCS per Carton
Carton Size	216*169*136.5mm
Gross Weight	10.5 KG

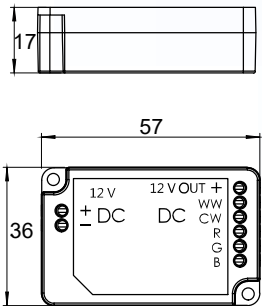
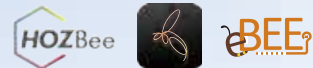
Other Information	
Connection Range	15-20M
Operating Temp.	-20°-60°C
Storage Temp.	-20°-70°C

Smart Stripe Light Adapter-2A Ver

Certification



Available APP



Product Number:
• BLIETV1224DBT

*Contact our sales for more details

Electrical Specification	
Input Voltage	12V/24V DC
Output Voltage	12V/24V DC
Channel	1 / 2 / 3 / 4 / 5
Function	1 - Single CCT 2 - Tunable CCT 3 - RGB 4 - RGB+Single CCT 5 - RGB+ Tunable CCT
Power , Load	<1W , 2A/CH, 24W/48WMax
Radio Frequency	2.4GHz

Package	
Dimension	57*36*17mm
Unit Weight	26g
Package	70 PCS per Carton
Carton Size	216*169*136.5mm
Gross Weight	3KG

Other Information	
Connection Range	15-20M
Operating Temp.	-20°-60°C
Storage Temp.	-20°-70°C

** The adapter itself does not provide power to drive LED strip but only constrains the power by current passed by.

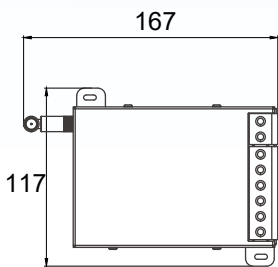
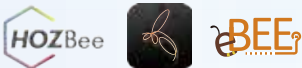
Smart Stripe Light Adapter-10A Ver

Certification

Compliance



Available APP



Product Number:
• BLIETV1224DBTL

*Contact our sales for more details

Electrical Specification	
Input Voltage	12V/24V DC
Output Voltage	12V/24V DC
Channel	1 / 2 / 3 / 4 / 5
Function	1 - Single CCT 2 - Tunable CCT 3 - RGB 4 - RGB+Single CCT 5 - RGB+ Tunable CCT
Power , Load	<1W , 10A/CH, 120W/240WMax
Radio Frequency	2.4GHz

Package	
Dimension	167*117*36mm
Unit Weight	417g
Package	40 PCS per Carton
Carton Size	490*470*195mm
Gross Weight	20KG

Other Information	
Connection Range	15-20M
Operating Temp.	-20°-60°C
Storage Temp.	-20°-70°C

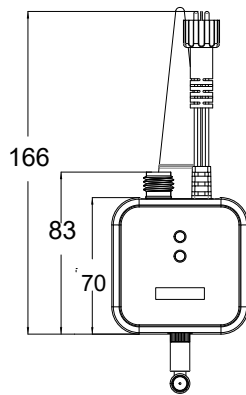
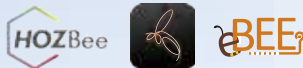
Smart Outdoor Sensor Switch IP65

Certification

Compliance



Available APP



Product Number:
• BLI-RET-V12-BT01

*Contact our sales for more details

Electrical Specification	
Input Voltage	12V AC/DC
Power , Load	<1W , 120W Max
Radio Frequency	2.5GHz

Package	
Dimension	83*70*32mm
Unit Weight	120g
Package	42 PCS per Carton
Carton Size	405*350*260mm
Gross Weight	6.3 KG

Other Information	
Connection Range	50-70M
Operating Temp.	-20°-50°C
Storage Temp.	-40°-+80°C

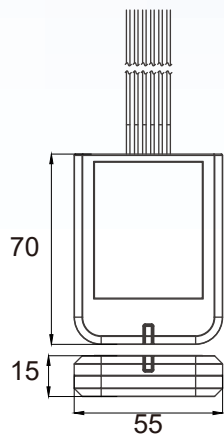
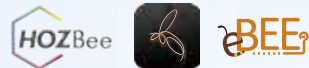
Smart Gateway - Wire Type

Certification

Compliance



Available APP



Product Number:
• BLI-GW-V12-BT01

*Contact our sales for more details

Electrical Specification	
Input Voltage	12V AC/DC
Output Voltage	0-10V DC
Power	<1W
Channel	1 / 2
Function	1 - Single CCT 2 - Tunable CCT
Radio Frequency	2.4GHZ

Package	
Dimension	70*55*15mm
Unit Weight	38g
Accessory	Hanger Base *1
Package	50 PCS per Carton
Carton Size	646*360*204mm
Gross Weight	8.5Kg

Other Information	
Connection Range	20-30M
Operating Temp.	-20°-60°C
Storage Temp.	-20°-70°C

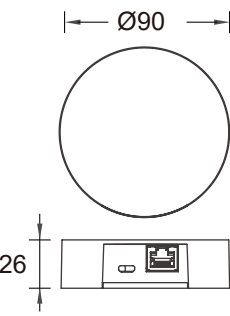
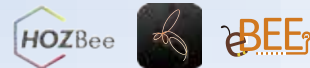
Smart Gateway - Desk Type

Certification

Compliance



Available APP



Product Number:
• BLI-GW-MU05-M01

*Contact our sales for more details

Electrical Specification	
Input Voltage	5V DC Micro USB
Power	<1W
Radio Frequency	2.4GHZ

Package	
Dimension	Ø90*H26mm
Unit Weight	127g
Accessory	Hanger Base *1
Package	50 PCS per Carton
Carton Size	646*360*204mm
Gross Weight	8.5Kg

Other Information	
Connection Range	20-30M
Operating Temp.	-20°-60°C
Storage Temp.	-20°-70°C

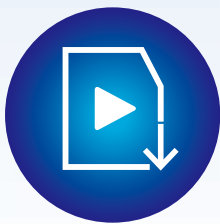
Smart IP Camera A80

Certification
CE Bluetooth
WiFi CERTIFIED
BEE

PIR Sensor



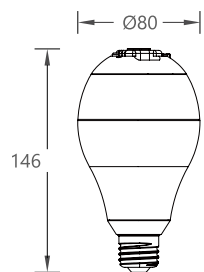
Download Video



Tunable White/
Dimmable



IR Night Vision



Base Type : E26

Product Number:
• BLV8026P25-02765W3602HM

Electrical Specification	
Input Voltage	100-240V
Power	16W
Flux	1080 lm
Beam Angles	215°
Candela	105
Power Factor	>0.9

Smart IP Camera Downlight

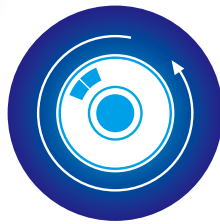
Certification
CE Bluetooth
WiFi CERTIFIED
BEE



Light sensor



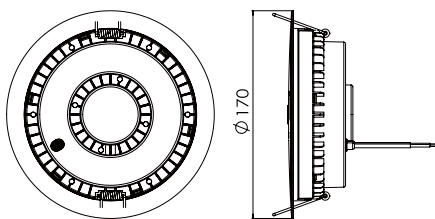
External
Micro SD Card



360° View
Fish eyes



2-Way Voice



Product Number:
• BLV145D120-T2765W7202H

Electrical Specification	
Input Voltage	100-240V
Power	15W
Flux	800 lm
Beam Angles	108°
Candela	300
Power Factor	>0.7

Smart Lighting Module



Camera Moudle

Wi-Fi Camera + Gateway



GX53
Product Number:
• TBD



Box
Product Number:
• TBD

Bluetooth Moudle

Home/light fixture
short Range :15-20M

PA Moudle

Sealed/High isolation
Long Range :50-70M



BM021



BM023



BM029



BM026 (PA)



BM027 (PA)



ELITE

Commercial Lighting



SPARK 5functions

can be used by specific SPARK lamp series



- Full spectrum solution
- Full range dim-warm product
- Perfect dimming curve
- Perfect Dimmer Compatibility

Customizable Features

Chooses the combination of lamp type and function that best suits your application.

Flexible Control

Supports various control methods including NFC programming, TRIACdimming, and 3step wall switch dimming.

Enhanced Lighting Experience

Options like Dim to Warm and Bright to Warm deliver dynamic ambiance adjustments for residential and commercial spaces.

TURE White & CCT Selectable By NFC

01 Full spectrum solution

98 CRI typical

R1-R15 >90

Hight RF and RG values

02 CCT Selectable through NFC technology via BLTC APP



1 Select tools "Spark" Mode in APP.



2 Set the CCT value in Spark mode and then scan via NFC.

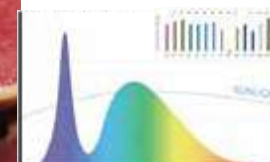


03 Engineered spectrum to closely match natural light

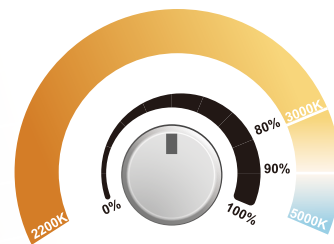
General CRI 95

VS

Full spectrum CRI 98



Bright to Warm



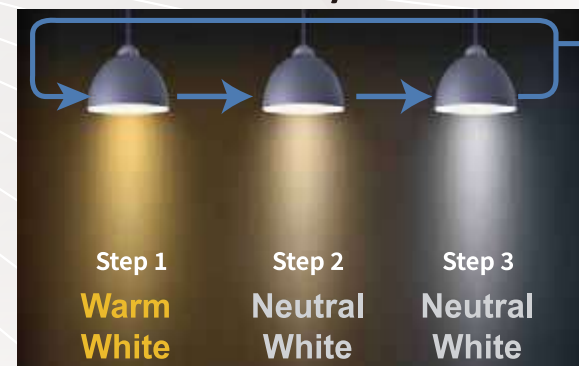
Full range dim-warm product

5000K Neutral White Full power range	3000K Warm White 80-90% power range	3000K to 2200K Below 80% power range
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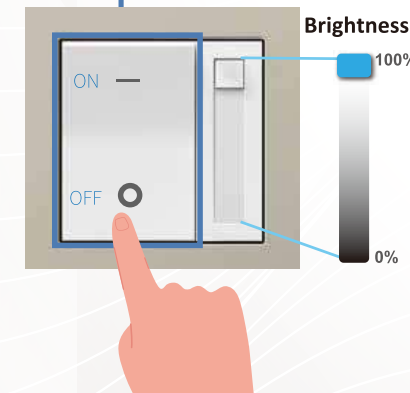
Tri-CCT by Switch



Power Cycle



- *Perfect dimming curve*
- *Best lumen output*



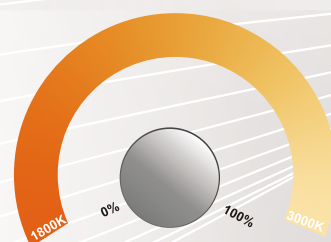
2700/4000/5000K
Wall switch to select

>90 CRI

Dim to Warm



Provides stable and precise warm light control.



Perfect dimming curve

Offer possibility of creating warm-dim scene

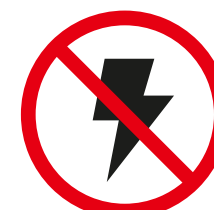
1800 – 3000K
CCT range

TRIAC Dimming

Perfect Dimmer Compatibility



Smooth Dimming



No Flicker



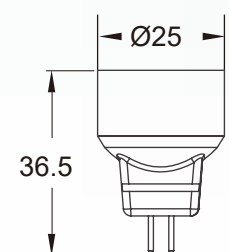
No Noise



MR8 20W Halogen Equivalent

Certification

Compliance

Direction
Non-Direction

Base Type : GU4



Product Number:

• BLV840XX-XXW31L

**"X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	12V
Power	2.5W
Frequency	50/60Hz
Power Factor	>0.6
Dimming	Limited

Dimension & Packing Information

Size	Ø25*36.5mm
Packing Method	150 PCS per Carton
Packing Size	290*290*400mm
Unit Net Weight	16g
Gross Weight	5.1KG

Optical Specification

Total Flux	270 lm
STD CCT	2700K
STD CRI	80
Beam Angle	15° / 30° / 40°
Candela (CBCP)	2275 / 720l / 420
CCT Option	2200-6500K
CRI Option	90 / 95

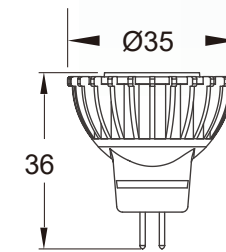
Other Information

Lamp Base	GU4
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

MR11 20W Halogen Equivalent

Certification

Compliance

Direction
Non-Direction

Base Type : GU4



Product Number:

• BLV1140XX-XXW31L

**"X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	12V
Power	3W
Frequency	50/60Hz
Power Factor	>0.6
Dimming	Limited

Dimension & Packing Information

Size	Ø35*36mm
Packing Method	150 PCS per Carton
Packing Size	290*290*400mm
Unit Net Weight	19g
Gross Weight	5.6KG

Optical Specification

Total Flux	250 lm
STD CCT	2700K
STD CRI	80
Beam Angle	13° / 25° / 30°
Candela (CBCP)	1750 / 520 / 342
CCT Option	3000-6500K
CRI Option	90 / 95

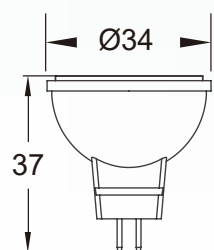
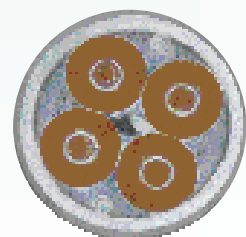
Other Information

Lamp Base	GU4
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

MR11 35W Halogen Equivalent

Certification

Compliance



Base Type : GU4

Product Number:

• BLV1140XX-XXW41L

**"X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	12V
Power	4.5W
Frequency	50/60Hz
Power Factor	>0.6
Dimming	Limited

Dimension & Packing Information

Size	Ø34*37mm
Packing Method	150 PCS per Carton
Packing Size	290*290*400mm
Unit Net Weight	19g
Gross Weight	5.6KG

Optical Specification

Total Flux	350 lm
STD CCT	2700K
STD CRI	80
Beam Angle	10° / 20° / 30°
Candela (CBCP)	4400 / 1670 / 1005
CCT Option	2200-6500K
CRI Option	80

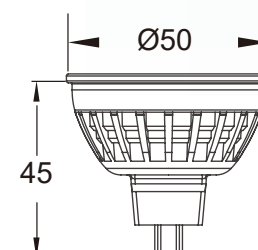
Other Information

Lamp Base	GU4
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

MR16 One Core 35W Halogen Equivalent

Certification

Compliance



Base Type : GU5.3

Product Number:

• BLVMR1653RS-1VW016L

**"X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	12V DC/AC
Power	6.2W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	Limited

Dimension & Packing Information

Size	Ø50*45mm
Packing Method	100 PCS per Carton
Packing Size	290*290*400mm
Unit Net Weight	50g
Gross Weight	6.2KG

Optical Specification

Total Flux	420 lm
STD CCT	2700K
STD CRI	90
Beam Angle	8°
Candela (CBCP)	6858
CCT Option	2700-6500K
CRI Option	95

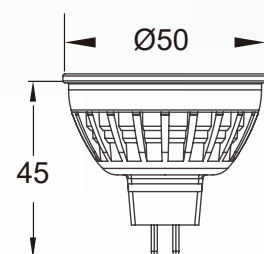
Other Information

Lamp Base	GU5.3
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

MR16 3 LED 35W Halogen Equivalent

Certification

Compliance



Base Type : GU5.3

Product Number:

• BLVMR1653X-1VW031L

**"X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	12V DC/AC
Power	3.8W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	Limited

Dimension & Packing Information

Size	Ø50*45mm
Packing Method	100 PCS per Carton
Packing Size	290*290*400mm
Unit Net Weight	50g
Gross Weight	6.2KG

Optical Specification

Total Flux	370 lm
STD CCT	2700K
STD CRI	90
Beam Angle	21° / 28° / 36° / 65°
Candela (CBCP)	1705 / 1350 / 940 / 347
CCT Option	2700-6500K
CRI Option	95

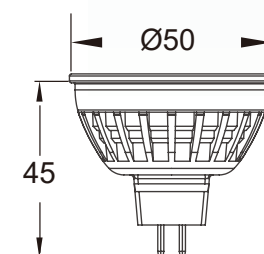
Other Information

Lamp Base	GU5.3
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

MR16 One Core 50W Halogen Equivalent

Certification

Compliance



Base Type : GU5.3

Product Number:

• BLVMR1653X-1VW015L

**"X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	12V DC/AC
Power	6.2W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	Limited

Dimension & Packing Information

Size	Ø50*45mm
Packing Method	100 PCS per Carton
Packing Size	290*290*400mm
Unit Net Weight	50g
Gross Weight	6.2KG

Optical Specification

Total Flux	500 lm
STD CCT	2700K
STD CRI	90
Beam Angle	11° / 24° / 33° / 60°
Candela (CBCP)	5320 / 2087 / 1510 / 503
CCT Option	2200-6500K
CRI Option	95

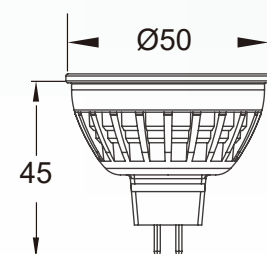
Other Information

Lamp Base	GU5.3
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

MR16 5 LED 50W Halogen Equivalent

Certification

Compliance



Base Type : GU5.3

Product Number:

• BLVMR1653X-1VW051L

**"X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	12V DC/AC
Power	5.5W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	Limited

Dimension & Packing Information

Size	Ø50*45mm
Packing Method	100 PCS per Carton
Packing Size	290*290*400mm
Unit Net Weight	50g
Gross Weight	6.2KG

Optical Specification

Total Flux	500 lm
STD CCT	2700K
STD CRI	90
Beam Angle	16° / 28° / 40° / 65°
Candela (CBCP)	2422 / 1575 / 996 / 422
CCT Option	2200-6500K
CRI Option	95

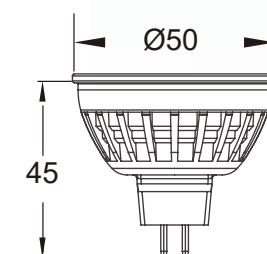
Other Information

Lamp Base	GU5.3
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

MR16 One Core 65W Halogen Equivalent

Certification

Compliance



Base Type : GU5.3

Product Number:

• BLVMR1653X-1VW016L

**"X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	12V DC/AC
Power	6.9W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	Limited

Dimension & Packing Information

Size	Ø50*45mm
Packing Method	100 PCS per Carton
Packing Size	290*290*400mm
Unit Net Weight	50g
Gross Weight	6.2KG

Optical Specification

Total Flux	650 lm
STD CCT	2700K
STD CRI	90
Beam Angle	16° / 32° / 42° / 63°
Candela (CBCP)	3263 / 1522 / 1111 / 477
CCT Option	2700-6500K
CRI Option	95

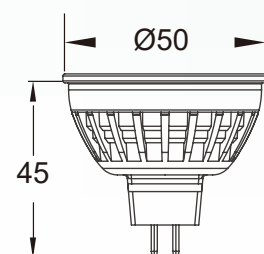
Other Information

Lamp Base	GU5.3
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

MR16 9 LED 65W Halogen Equivalent

Certification

Compliance



Base Type : GU5.3

Product Number:

• BLVMR1653X-1VW091L

**"X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	12V DC/AC
Power	6.7W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	Limited

Dimension & Packing Information

Size	Ø50*45mm
Packing Method	100 PCS per Carton
Packing Size	290*290*400mm
Unit Net Weight	50g
Gross Weight	6.2KG

Optical Specification

Total Flux	650 lm
STD CCT	2700K
STD CRI	90
Beam Angle	25° / 32° / 43° / 73°
Candela (CBCP)	1910 / 1528 / 974 / 421
CCT Option	2700-6500K
CRI Option	95

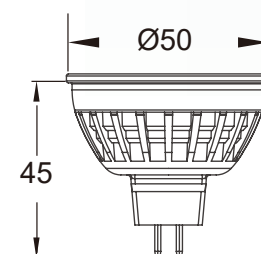
Other Information

Lamp Base	GU5.3
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

MR16 One Core 75W Halogen Equivalent

Certification

Compliance



Base Type : GU5.3

Product Number:

• BLVPR1653X-1VW017H1DM2

**"X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	12V DC/AC
Power	7.6W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	Limited

Dimension & Packing Information

Size	Ø50*45mm
Packing Method	100 PCS per Carton
Packing Size	290*290*400mm
Unit Net Weight	50g
Gross Weight	6.2KG

Optical Specification

Total Flux	720 lm
STD CCT	2700K
STD CRI	90
Beam Angle	16° / 32° / 42° / 63°
Candela (CBCP)	3686 / 1485 / 1070 / 511
CCT Option	2700-6500K
CRI Option	95

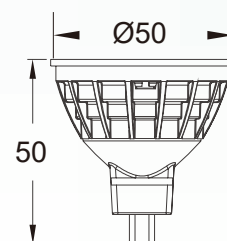
Other Information

Lamp Base	GU5.3
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

MR16 50W Halogen Equivalent

Certification

Compliance



Base Type : GU5.3

Product Number:

• BLV1653XX-XXW8L

**"X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	12V
Power	7.5W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	Limited

Dimension & Packing Information

Size	Ø50*50mm
Packing Method	100 PCS per Carton
Packing Size	290*290*400mm
Unit Net Weight	49g
Gross Weight	5.6KG

Optical Specification

Total Flux	600 lm
STD CCT	2700K
STD CRI	80
Beam Angle	10° / 20° / 30° / 60°
Candela (CBCP)	6070 / 2780 / 1330 / 610
CCT Option	2200-6500K
CRI Option	90 / 95

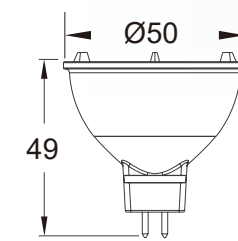
Other Information

Lamp Base	GU5.3
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

MR16 50W Halogen Equivalent -Adjustable Beam Angle

Certification

Compliance



Base Type : GU5.3

Product Number:

• TBD

**"X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	12V
Power	6.0W
Frequency	50/60Hz
Power Factor	>0.9
Dimming	Limited

Dimension & Packing Information

Size	Ø50*49mm
Packing Method	100 PCS per Carton
Packing Size	290*290*400mm
Unit Net Weight	45g
Gross Weight	5.6KG

Optical Specification

Total Flux	500 lm
STD CCT	2700K
STD CRI	80
Beam Angle	20° ~ 50 °
Candela (CBCP)	1600-360
CCT Option	2200-6500K
CRI Option	90 / 95

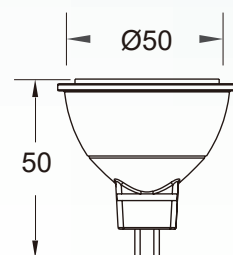
Other Information

Lamp Base	GU5.3
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

MR16 3LED 20W Halogen Equivalent

Certification

Compliance



Base Type : GU5.3

Product Number:

• BLM1653XX-XXW32L

**X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	12V
Power	4.0W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	Limited

Dimension & Packing Information

Size	Ø50*50mm
Packing Method	100 PCS per Carton
Packing Size	290*290*400mm
Unit Net Weight	42g
Gross Weight	6.2KG

Optical Specification

Total Flux	360 lm
STD CCT	2700K
STD CRI	80
Beam Angle	20° / 40° / 60° / 100°
Candela (CBCP)	1300 / 585 / 240 / 117
CCT Option	2200-6500K
CRI Option	90 / 95

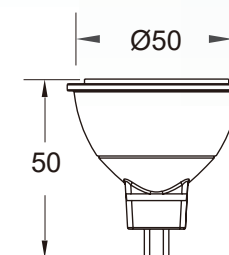
Other Information

Lamp Base	GU5.3
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

MR16 6LED 35W Halogen Equivalent

Certification

Compliance



Base Type : GU5.3

Product Number:

• BLM1653XX-XXW61L

**X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	12V
Power	5.5W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	Limited

Dimension & Packing Information

Size	Ø50*50mm
Packing Method	100 PCS per Carton
Packing Size	290*290*400mm
Unit Net Weight	45g
Gross Weight	6.2KG

Optical Specification

Total Flux	480 lm
STD CCT	2700K
STD CRI	80
Beam Angle	20° / 40° / 60° / 100°
Candela (CBCP)	2000 / 900 / 360 / 180
CCT Option	2200-6500K
CRI Option	90 / 95

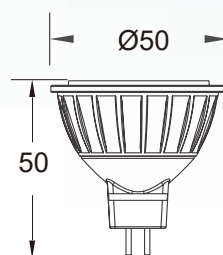
Other Information

Lamp Base	GUC5.3
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

MR16 6LED 35W Halogen Equivalent High Efficiency

Certification

Compliance



Base Type : GU5.3

Product Number:

• BLM1653XX-XXW62L

**"X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	12V
Power	4.5W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	Limited

Dimension & Packing Information

Size	Ø50*50mm
Packing Method	100 PCS per Carton
Packing Size	290*290*400mm
Unit Net Weight	48g
Gross Weight	6.8KG

Optical Specification

Total Flux	440 lm
STD CCT	2700K
STD CRI	80
Beam Angle	20° / 40° / 60° / 100°
Candela (CBCP)	1830 / 8251 / 330 / 163
CCT Option	2200-6500K
CRI Option	90 / 95

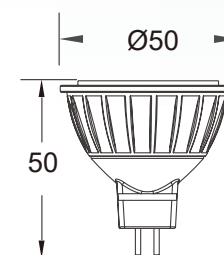
Other Information

Lamp Base	GU5.3
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

MR16 8LED 50W Halogen Equivalent

Certification

Compliance



Base Type : GU5.3

Product Number:

• BLM1653XX-XXW81L

**"X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	12V
Power	8.0W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	Limited

Dimension & Packing Information

Size	Ø50*50mm
Packing Method	100 PCS per Carton
Packing Size	290*290*400mm
Unit Net Weight	55g
Gross Weight	7.2KG

Optical Specification

Total Flux	635 lm
STD CCT	2700K
STD CRI	80
Beam Angle	20° / 40° / 60° / 100°
Candela (CBCP)	2320 / 1060 / 445 / 230
CCT Option	2200-6500K
CRI Option	90 / 95

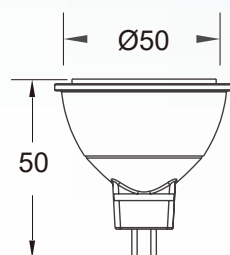
Other Information

Lamp Base	GU5.3
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

MR16 COB 50W Halogen Equivalent

Certification

Compliance



Base Type : GU5.3

Product Number:

• BLM1653XX-XXW7L

**"X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	12V
Power	7W
Frequency	50/60Hz
Power Factor	>0.9
Dimming	Limited

Dimension & Packing Information

Size	Ø50*50mm
Packing Method	100 PCS per Carton
Packing Size	290*290*400mm
Unit Net Weight	42g
Gross Weight	6.2KG

Optical Specification

Total Flux	600 lm
STD CCT	2700K
STD CRI	80
Beam Angle	25° / 40° / 65° / 105°
Candela (CBCP)	2100 / 1200 / 520 / 260
CCT Option	2200-6500K
CRI Option	90 / 95

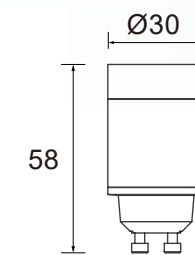
Other Information

Lamp Base	GU5.3
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

PAR9 35W Halogen Equivalent

Certification

Compliance



Base Type : GU10

Product Number:

• BLVPA910X-XXW015H1DM2

**"X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	100-120V
Power	4.8W
Frequency	50/60Hz
Power Factor	>0.5
Dimming	YES

Dimension & Packing Information

Size	Ø30*58mm
Packing Method	100 PCS per Carton
Packing Size	290*290*400mm
Unit Net Weight	40g
Gross Weight	4.8KG

Optical Specification

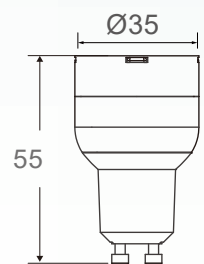
Total Flux	475 lm
STD CCT	2700K
STD CRI	80
Beam Angle	25° / 35° / 50°
Candela (CBCP)	1900 / 1100 / 650
CCT Option	2700-6500K
CRI Option	80 / 90 / 95

Other Information

Lamp Base	GU10
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

PAR11 35W Halogen Equivalent

Compliance
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LISTED



Base Type : GU10

- BLVPA1110X-XXW015H1DM2

Electrical Specification	
Input Voltage	100-120V
Power	5W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	YES

Dimension & Packing Information	
Size	Ø35*55mm
Packing Method	100 PCS per Carton
Packing Size	290*290*400mm
Unit Net Weight	50g
Gross Weight	6.0KG

Optical Specification	
Total Flux	480 lm
STD CCT	2700K
STD CRI	80
Beam Angle	20° / 50°
Candela (CBCP)	1500 / 350
CCT Option	2700-6500K
CRI Option	90 / 95

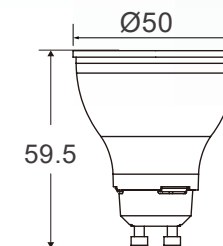
Other Information	
Lamp Base	GU10
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

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PAR16 GU10 3 LED 35W Halogen Equivalent

Compliance

UL
C US
LISTED



Base Type : GU10

- BLVPA1610X-1VW031H2DM2



Electrical Specification	
Input Voltage	200-240V
Power	3.8W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	YES

Dimension & Packing Information	
Size	Ø50*59.5mm
Packing Method	100 PCS per Carton
Packing Size	290*290*400mm
Unit Net Weight	60g
Gross Weight	7.5KG

Optical Specification	
Total Flux	370 lm
STD CCT	2700K
STD CRI	90
Beam Angle	21° / 28° / 36° / 65°
Candela (CBCP)	1705 / 1350 / 940 / 347
CCT Option	2700-6500K
CRI Option	95

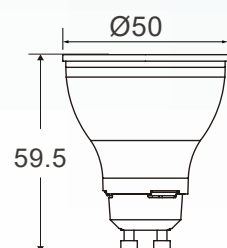
Other Information	
Lamp Base	GU10
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

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PAR16 GU10 One Core 35W Halogen Equivalent

Certification

Compliance



Base Type : GU10

Product Number:

• BLVPA1610RS-1VW016H2DM2

**"X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	200-240V
Power	6.2W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	YES

Dimension & Packing Information

Size	Ø50*59.5mm
Packing Method	100 PCS per Carton
Packing Size	290*290*400mm
Unit Net Weight	60g
Gross Weight	7.5KG

Optical Specification

Total Flux	420 lm
STD CCT	2700K
STD CRI	90
Beam Angle	8°
Candela (CBCP)	6858
CCT Option	2700-6500K
CRI Option	95

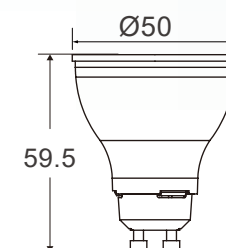
Other Information

Lamp Base	GU10
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

PAR16 GU10 5 LED 50W Halogen Equivalent

Certification

Compliance



Base Type : GU10

Product Number:

• BLVPA1610X-1VW051H2DM2

**"X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	200-240V
Power	5.5W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	YES

Dimension & Packing Information

Size	Ø50*59.5mm
Packing Method	100 PCS per Carton
Packing Size	290*290*400mm
Unit Net Weight	60g
Gross Weight	7.5KG

Optical Specification

Total Flux	500 lm
STD CCT	2700K
STD CRI	90
Beam Angle	16° / 28° / 40° / 65°
Candela (CBCP)	2422 / 1575 / 996 / 422
CCT Option	2700-6500K
CRI Option	95

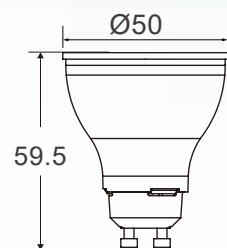
Other Information

Lamp Base	GU10
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

PAR16 GU10 One Core 50W Halogen Equivalent

Certification

Compliance



Base Type : GU10

Product Number:

• BLVPA1610X-1VW015H2DM2

**"X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	200-240V
Power	6.2W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	YES

Dimension & Packing Information

Size	Ø50*59.5mm
Packing Method	100 PCS per Carton
Packing Size	290*290*400mm
Unit Net Weight	60g
Gross Weight	7.5KG

Optical Specification

Total Flux	500 lm
STD CCT	2700K
STD CRI	90
Beam Angle	11° / 24° / 33° / 60°
Candela (CBCP)	5320 / 2087 / 1510 / 503
CCT Option	2700-6500K
CRI Option	95

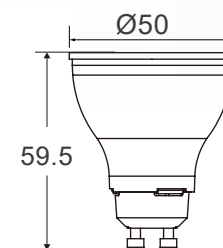
Other Information

Lamp Base	GU10
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

PAR16 GU10 9 LED 65W Halogen Equivalent

Certification

Compliance



Base Type : GU10

Product Number:

• BLVPA1610X-1VW091H2DM2

**"X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	200-240V
Power	6.7W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	YES

Dimension & Packing Information

Size	Ø50*59.5mm
Packing Method	100 PCS per Carton
Packing Size	290*290*400mm
Unit Net Weight	60g
Gross Weight	7.5KG

Optical Specification

Total Flux	650 lm
STD CCT	2700K
STD CRI	90
Beam Angle	25° / 32° / 43° / 73°
Candela (CBCP)	1910 / 1528 / 974 / 421
CCT Option	2700-6500K
CRI Option	95

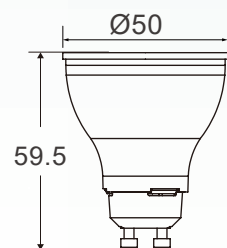
Other Information

Lamp Base	GU10
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

PAR16 GU10 One Core 65W Halogen Equivalent

Certification

Compliance



Base Type : GU10

Product Number:

• BLVPA1610X-1VW016H2DM2

**"X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	200-240V
Power	6.9W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	YES

Dimension & Packing Information

Size	Ø50*59.5mm
Packing Method	100 PCS per Carton
Packing Size	290*290*400mm
Unit Net Weight	60g
Gross Weight	7.5KG

Optical Specification

Total Flux	650 lm
STD CCT	2700K
STD CRI	90
Beam Angle	16° / 32° / 42° / 63°
Candela (CBCP)	3263 / 1522 / 1111 / 477
CCT Option	2700-6500K
CRI Option	95

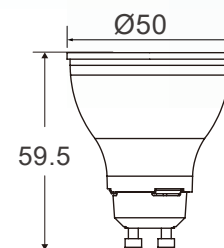
Other Information

Lamp Base	GU10
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

PAR16 GU10 75W One Core Halogen Equivalent

Certification

Compliance



Base Type : GU10

Product Number:

• BLVPA1610X-1VW017H2DM2

**"X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	200-240V
Power	7.6W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	YES

Dimension & Packing Information

Size	Ø50*59.5mm
Packing Method	100 PCS per Carton
Packing Size	290*290*400mm
Unit Net Weight	60g
Gross Weight	7.5KG

Optical Specification

Total Flux	720 lm
STD CCT	2700K
STD CRI	90
Beam Angle	16° / 32° / 42° / 63°
Candela (CBCP)	3686 / 1485 / 1070 / 511
CCT Option	2700-6500K
CRI Option	95

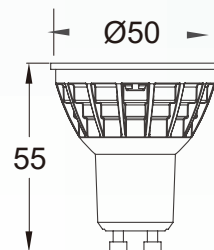
Other Information

Lamp Base	GU10
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

PAR16 GU10 50W Halogen Equivalent

Certification

Compliance



Base Type : GU10



Product Number:

• BLV1610XX-XXW8H2DM2

**"X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	200-240V
Power	6.5W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	YES

Dimension & Packing Information

Size	Ø50*55 / Ø46.5*55mm
Packing Method	100 PCS per Carton
Packing Size	290*290*400mm
Unit Net Weight	59g
Gross Weight	7.9KG

Optical Specification

Total Flux	650 lm
STD CCT	2700K
STD CRI	80
Beam Angle	10° / 20° / 30° / 60°
Candela (CBCP)	6000 / 2650 / 1600 / 655
CCT Option	2200-6500K
CRI Option	90 / 95

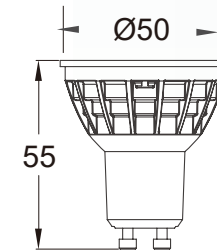
Other Information

Lamp Base	GU10
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

PAR16 GU10 50W Halogen Equivalent High Luminance

Certification

Compliance



Base Type : GU10



Product Number:

• BLV1610SSA-CXW8H2DM2

**"X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	200-240V
Power	6.5W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	YES

Dimension & Packing Information

Size	Ø50*55mm
Packing Method	100 PCS per Carton
Packing Size	290*290*400mm
Unit Net Weight	59g
Gross Weight	7.9KG

Optical Specification

Total Flux	450lm / Cree XHP chip
STD CCT	2700K
STD CRI	80
Beam Angle	10°
Candela (CBCP)	12500
CCT Option	2200-6500K
CRI Option	90 / 95

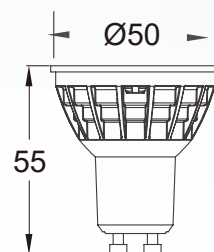
Other Information

Lamp Base	GU10
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

PAR16 GU10 50W Halogen Equivalent(Plastic)

Certification

Compliance



Base Type : GU10



Product Number:

• BLV1610XX-XXW8H2DM2N

**X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	200-240V
Power	6.5W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	YES

Dimension & Packing Information

Size	Ø50*55mm
Packing Method	100 PCS per Carton
Packing Size	290*290*400mm
Unit Net Weight	58g
Gross Weight	7.3KG

Optical Specification

Total Flux	600lm
STD CCT	2700K
STD CRI	80
Beam Angle	15° / 25° / 30° / 40° / 60°
Candela (CBCP)	5210/2320/1710/1057/680
CCT Option	2200-6500K
CRI Option	90 / 95

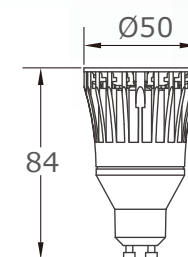
Other Information

Lamp Base	GU10
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

PAR16 GU10 70W Metal Halogen Equivalent

Certification

Compliance



Base Type : GU10



Product Number:

• BLV1610XX-XXW9H

**X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	100-240V
Power	9W
Frequency	50/60Hz
Power Factor	>0.9
Dimming	NO

Dimension & Packing Information

Size	Ø50*84mm
Packing Method	75 PCS per Carton
Packing Size	290*290*400mm
Unit Net Weight	125g
Gross Weight	9.8KG

Optical Specification

Total Flux	900 lm
STD CCT	2700K
STD CRI	80
Beam Angle	10° / 25° / 30°
Candela (CBCP)	7100 / 3210 / 2060
CCT Option	2200-6500K
CRI Option	90 / 95

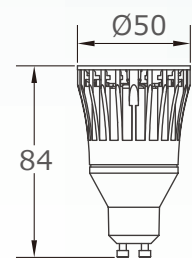
Other Information

Lamp Base	GU10
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

PAR16 GU10 100W Metal Halogen Equivalent

Certification

Compliance



Base Type : GU10



Product Number:

• BLV1610XX-XXW14H

**"X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	100-240V
Power	14W
Frequency	50/60Hz
Power Factor	>0.9
Dimming	NO

Dimension & Packing Information

Size	Ø50*84mm
Packing Method	75 PCS per Carton
Packing Size	290*290*400mm
Unit Net Weight	125g
Gross Weight	9.8KG

Optical Specification

Total Flux	1300 lm
STD CCT	2700K
STD CRI	80
Beam Angle	30° / 40°
Candela (CBCP)	3900 / 2500
CCT Option	2200-6500K
CRI Option	90 / 95

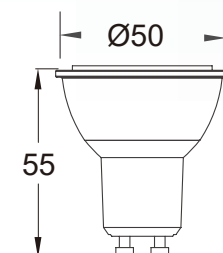
Other Information

Lamp Base	GU10
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

PAR16 GU10 3LED 20W Halogen Equivalent

Certification

Compliance



Base Type : GU10



Product Number:

• BLM1610XX-XXW32H2DM2

**"X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	200-240V
Power	3.5W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	YES

Dimension & Packing Information

Size	Ø50*55mm
Packing Method	100 PCS per Carton
Packing Size	290*290*400mm
Unit Net Weight	53g
Gross Weight	7.3KG

Optical Specification

Total Flux	360 lm
STD CCT	2700K
STD CRI	80
Beam Angle	22° / 40° / 60° / 105°
Candela (CBCP)	1125 / 485 / 185 / 110
CCT Option	2200-6500K
CRI Option	90 / 95

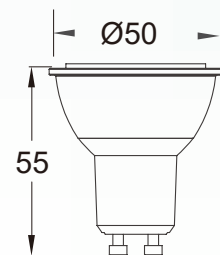
Other Information

Lamp Base	GU10
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

PAR16 GU10 6LED 35W Halogen Equivalent

Certification

Compliance



Base Type : GU10

Product Number:

• BLM1610XX-XXW61H2DM2

X means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	200-240V
Power	5.5W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	YES

Dimension & Packing Information

Size	Ø50*55mm
Packing Method	100 PCS per Carton
Packing Size	290*290*400mm
Unit Net Weight	53g
Gross Weight	7.3KG

Optical Specification

Total Flux	480 lm
STD CCT	2700K
STD CRI	80
Beam Angle	22° / 40° / 60° / 100°
Candela (CBCP)	1760 / 760 / 250 / 150
CCT Option	2200-6500K
CRI Option	90 / 95

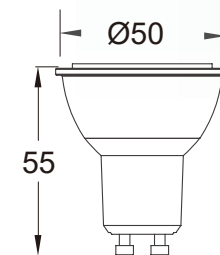
Other Information

Lamp Base	GU10
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

PAR16 GU10 8LED 50W Halogen Equivalent

Certification

Compliance



Base Type : GU10

Product Number:

• BLM1610XX-XXW81H2DM2

X means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	200-240V
Power	7.5W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	YES

Dimension & Packing Information

Size	Ø50*55mm
Packing Method	100 PCS per Carton
Packing Size	290*290*400mm
Unit Net Weight	53g
Gross Weight	7.3KG

Optical Specification

Total Flux	700 lm
STD CCT	2700K
STD CRI	80
Beam Angle	22° / 40° / 60° / 100°
Candela (CBCP)	2275 / 1060 / 450 / 215
CCT Option	2200-6500K
CRI Option	90 / 95

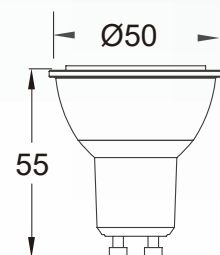
Other Information

Lamp Base	GU10
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

PAR16 GU10 COB 50W Halogen Equivalent

Certification

Compliance



Base Type : GU10

Product Number:

• BLM1610XX-XXW7H2M2

**"X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	200-240V
Power	6.5W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	YES

Dimension & Packing Information

Size	Ø50*55mm
Packing Method	100 PCS per Carton
Packing Size	290*290*400mm
Unit Net Weight	53g
Gross Weight	7.3KG

Optical Specification

Total Flux	650 lm
STD CCT	2700K
STD CRI	80
Beam Angle	10° / 20° / 30° / 60°
Candela (CBCP)	6000 / 2650 / 1600 / 655
CCT Option	2200-6500K
CRI Option	90 / 95

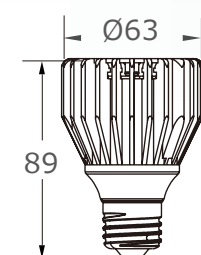
Other Information

Lamp Base	GU10
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

PAR20 20W Metal Halide Equivalent

Certification

Compliance



Base Type : E27

Product Number:

• BLV2027XX-XXW11H

**"X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	100-240V
Power	11W
Frequency	50/60Hz
Power Factor	>0.9
Dimming	NO

Dimension & Packing Information

Size	Ø63*89mm
Packing Method	12 PCS per Carton
Packing Size	316*94*290mm
Unit Net Weight	180g
Gross Weight	3KG

Optical Specification

Total Flux	1000 lm
STD CCT	2700K
STD CRI	80
Beam Angle	15° / 25° / 35°
Candela (CBCP)	7890 / 3585 / 2380
CCT Option	2200-6500K
CRI Option	90 / 95

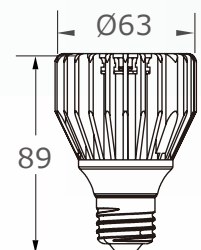
Other Information

Lamp Base	E27
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

PAR20 35W Metal Halide Equivalent

Certification

Compliance



Base Type : E27



Product Number:

• BLV2027XX-XXW16H

**"X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	100-240V
Power	11W
Frequency	50/60Hz
Power Factor	>0.9
Dimming	NO

Dimension & Packing Information

Size	Ø63*89mm
Packing Method	12 PCS per Carton
Packing Size	316*94*290mm
Unit Net Weight	180g
Gross Weight	3KG

Optical Specification

Total Flux	1600 lm
STD CCT	2700K
STD CRI	80
Beam Angle	30° / 40°
Candela (CBCP)	4175 / 2795
CCT Option	2200-6500K
CRI Option	90 / 95

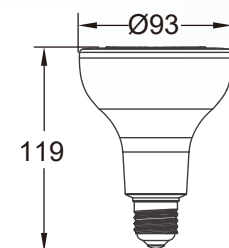
Other Information

Lamp Base	E27
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

PAR30 IP65 100W Halogen Equivalent

Certification

Compliance



Base Type :E27



Product Number:

• BLM3027XX-XXW17H2DM20D

**"X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	200-240V
Power	17W
Frequency	50/60Hz
Power Factor	>0.8
Dimming	YES

Dimension & Packing Information

Size	Ø93*119mm
Packing Method	20 PCS per Carton
Packing Size	534*430*164mm
Unit Net Weight	282g
Gross Weight	6.1KG

Optical Specification

Total Flux	1610 lm
STD CCT	2700K
STD CRI	80
Beam Angle	15° / 30°
Candela (CBCP)	15210 / 4030
CCT Option	2200-6500K
CRI Option	90 / 95

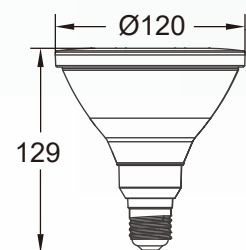
Other Information

Lamp Base	E27
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

PAR38 IP65 100W Halogen Equivalent

Certification

Compliance



Base Type :E27

Product Number:

• BLM3827WT-XXW182H2DM2ODT

**"X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	200-240V
Power	13W
Frequency	50/60Hz
Power Factor	>0.9
Dimming	YES

Dimension & Packing Information

Size	Ø120*129mm
Packing Method	10 PCS per Carton
Packing Size	680*293*420mm
Unit Net Weight	550g
Gross Weight	7.1KG

Optical Specification

Total Flux	1280 lm
STD CCT	2700K
STD CRI	80
Beam Angle	30°
Candela (CBCP)	3240
CCT Option	2200-6500K
CRI Option	90 / 95

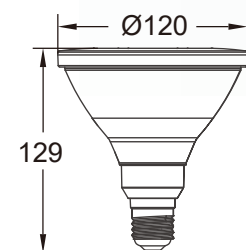
Other Information

Lamp Base	E27
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

PAR38 IP65 200W Halogen Equivalent

Certification

Compliance



Base Type :E27

Product Number:

• BLM3827WT-XXW362H2DM2ODT

**"X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	200-240V
Power	20W
Frequency	50/60Hz
Power Factor	>0.9
Dimming	YES

Dimension & Packing Information

Size	Ø120*129mm
Packing Method	10 PCS per Carton
Packing Size	680*293*420mm
Unit Net Weight	550g
Gross Weight	7.1KG

Optical Specification

Total Flux	2000 lm
STD CCT	2700K
STD CRI	80
Beam Angle	30°
Candela (CBCP)	3705
CCT Option	2200-6500K
CRI Option	90 / 95

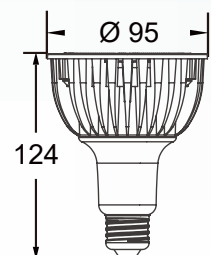
Other Information

Lamp Base	E27
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

PAR30 70W Metal Halide Equivalent

Certification

Compliance



Base Type : E27

Product Number:

• BLV3027XX-XXW27H

**"X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	100-240V
Power	27W
Frequency	50/60Hz
Power Factor	>0.9
Dimming	NO

Dimension & Packing Information

Size	Ø95*124mm
Packing Method	20 PCS per Carton
Packing Size	534*430*164mm
Unit Net Weight	412g
Gross Weight	8.8KG

Optical Specification

Total Flux	2600 lm
STD CCT	2700K
STD CRI	80
Beam Angle	15° / 30°
Candela (CBCP)	26000 / 8000
CCT Option	2200K-6500K
CRI Option	90 / 95

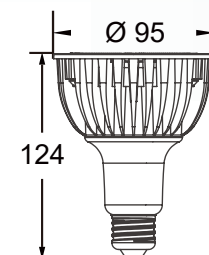
Other Information

Lamp Base	E27
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

PAR30 70W Metal Halide Equivalent Dimmable

Certification

Compliance



Base Type : E27

Product Number:

• BLV3027XX-XXW27H2DM2

**"X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	200-240V
Power	29W
Frequency	50/60Hz
Power Factor	>0.9
Dimming	YES

Dimension & Packing Information

Size	Ø95*124mm
Packing Method	20 PCS per Carton
Packing Size	534*430*164mm
Unit Net Weight	412g
Gross Weight	8.8KG

Optical Specification

Total Flux	2600 lm
STD CCT	2700K
STD CRI	80
Beam Angle	15° / 30°
Candela (CBCP)	24000 / 7000
CCT Option	2200-6500K
CRI Option	90 / 95

Other Information

Lamp Base	E27
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

PAR38 75W Metal Halide Equivalent

Certification

Compliance



Product Number:

• BLV3827XX-XXW30H

**"X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	100-240V
Power	30W
Frequency	50/60Hz
Power Factor	>0.9
Dimming	NO

Dimension & Packing Information

Size	Ø120*128mm
Packing Method	10 PCS per Carton
Packing Size	660*273*196mm
Unit Net Weight	417g
Gross Weight	4.8KG

Optical Specification

Total Flux	3400 lm
STD CCT	2700K
STD CRI	80
Beam Angle	15° / 30°
Candela (CBCP)	28000 / 11000
CCT Option	2200-6500K
CRI Option	90 / 95

Other Information

Lamp Base	E27
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

PAR38 75W Metal Halide Equivalent Dimmable

Certification

Compliance



Product Number:

• BLV3827XX-XXW30H2DM2

**"X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	200-240V
Power	32W
Frequency	50/60Hz
Power Factor	>0.9
Dimming	YES

Dimension & Packing Information

Size	Ø120*128mm
Packing Method	10 PCS per Carton
Packing Size	660*273*196mm
Unit Net Weight	417g
Gross Weight	4.8KG

Optical Specification

Total Flux	3400 lm
STD CCT	2700K
STD CRI	80
Beam Angle	15° / 30°
Candela (CBCP)	27000 / 11000
CCT Option	2200-6500K
CRI Option	90 / 95

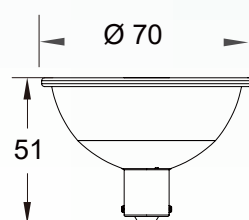
Other Information

Lamp Base	E27
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

AR70 50W Halogen Equivalent

Certification

Compliance



Base Type : BA15D

Product Number:

• BLV7015DXX-NVW7LE

**"X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	12V
Power	7.5W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	Limited

Dimension & Packing Information

Size	Ø70*51mm
Packing Method	60 PCS per Carton
Packing Size	490*336*314mm
Unit Net Weight	69g
Gross Weight	6.3KG

Optical Specification

Total Flux	650 lm
STD CCT	2700K
STD CRI	80
Beam Angle	10° / 20° / 35° / 60°
Candela (CBCP)	7415 / 2895 / 1560 / 594
CCT Option	2200-6500K
CRI Option	90 / 95

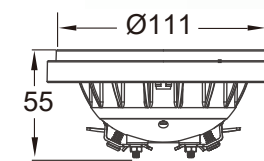
Other Information

Lamp Base	BA15D / BA15S
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

AR111 100W Halogen Equivalent

Certification

Compliance



Base Type :G53

Product Number:

• BLM11153XX-XXW1607LET

**"X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	12V
Power	16W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	Limited

Dimension & Packing Information

Size	Ø111*55mm
Packing Method	24 PCS per Carton
Packing Size	525*400*290mm
Unit Net Weight	205g
Gross Weight	8.32KG

Optical Specification

Total Flux	1100 lm
STD CCT	2700K
STD CRI	80
Beam Angle	25° / 40° / 60°
Candela (CBCP)	3405 / 1970 / 975
CCT Option	2200-6500K
CRI Option	90 / 95

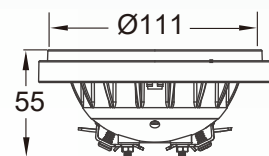
Other Information

Lamp Base	G53
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

AR111 125W Halogen Equivalent

Certification

Compliance



Base Type :G53

Product Number:

• BLM11153XX-XXW23LET

**"X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	12V
Power	23W
Frequency	50/60Hz
Power Factor	>0.9
Dimming	Limited

Dimension & Packing Information

Size	Ø111*55mm
Packing Method	24 PCS per Carton
Packing Size	525*400*290mm
Unit Net Weight	205g
Gross Weight	8.32KG

Optical Specification

Total Flux	1900 lm
STD CCT	2700K
STD CRI	80
Beam Angle	25° / 40°
Candela (CBCP)	6300 / 3000
CCT Option	2200-6500K
CRI Option	90 / 95

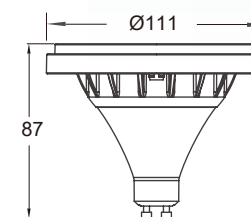
Other Information

Lamp Base	G53
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

ES111 100W Halogen Equivalent

Certification

Compliance



Base Type :GU10

Product Number:

• BLM11110XX-XXW1607H2DM2

**"X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	200-240V
Power	14W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	YES

Dimension & Packing Information

Size	Ø111*87mm
Packing Method	24 PCS per Carton
Packing Size	525*400*290mm
Unit Net Weight	205g
Gross Weight	8.32KG

Optical Specification

Total Flux	1100 lm
STD CCT	2700K
STD CRI	80
Beam Angle	25° / 40° / 60°
Candela (CBCP)	3405 / 1970 / 975
CCT Option	2200-6500K
CRI Option	90 / 95

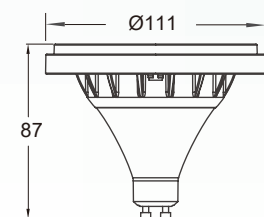
Other Information

Lamp Base	GU10
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

ES111 125W Halogen Equivalent

Certification

Compliance



Base Type :GU10

Product Number:

• BLM11110XX-XXW23H2M2

**"X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	200-240V
Power	20W
Frequency	50/60Hz
Power Factor	>0.9
Dimming	YES

Dimension & Packing Information

Size	Ø111*87mm
Packing Method	24 PCS per Carton
Packing Size	525*400*290mm
Unit Net Weight	205g
Gross Weight	8.32KG

Optical Specification

Total Flux	2150 lm
STD CCT	2700K
STD CRI	80
Beam Angle	25° / 40° / 70° / 100°
Candela (CBCP)	6000 / 3000 / 1380 / 750
CCT Option	2200-6500K
CRI Option	90 / 95

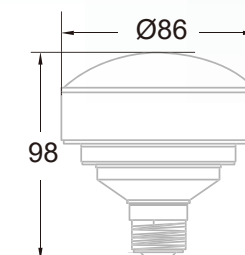
Other Information

Lamp Base	GU10
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

R86 12V RGB Changing Lamp

Certification

Compliance



Base Type :E27

Product Number:

• BLS8627D120-ORGB3901L

*Contact our sales for more details.

Electrical Specification

Input Voltage	12V
Power	8W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	Switching Color Change

Dimension & Packing Information

Size	Ø86*98mm
Packing Method	40 PCS per Carton
Packing Size	550*445*1308mm
Unit Net Weight	232g
Gross Weight	10KG

Switching Color Change



Optical Specification

Total Flux	R: 171 G:231 B:49 lm
STD CCT	-
STD CRI	-
Beam Angle	>110°
Candela (CBCP)	-
CCT Option	-
CRI Option	-

Other Information

Lamp Base	E27
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

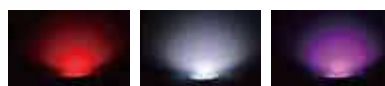
BR40 12V RGB Changing Lamp

Certification

Compliance



Switching Color Change



Product Number:

- BLS4027D120-ORGB10102L

*Contact our sales for more details.

Electrical Specification

Input Voltage	12V
Power	14W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	Switching Color Change

Dimension & Packing Information

Size	Ø127*152mm
Packing Method	24 PCS per Carton
Packing Size	613*454*425mm
Unit Net Weight	309g
Gross Weight	8KG

Optical Specification

Total Flux	R: 171 G:231 B:49 lm
STD CCT	-
STD CRI	-
Beam Angle	110°
Candela (CBCP)	-
CCT Option	-
CRI Option	-

Other Information

Lamp Base	E27
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

G4 10W Halogen Equivalent

Certification

Compliance



Base Type : G4

Product Number:

- BLMG440CC-XXW07L
- BLMG440BB-XXW07L

**"X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	12V
Power	1.1W
Frequency	50/60Hz
Power Factor	>0.6
Dimming	NO

Dimension & Packing Information

Size	Ø10*33mm
Packing Method	100 PCS per Carton
Packing Size	560*111*86mm
Unit Net Weight	3g
Gross Weight	0.8KG

Optical Specification

Total Flux	120 lm
STD CCT	2700K
STD CRI	80
Beam Angle	260°
Candela (CBCP)	100
CCT Option	2200-6500K
CRI Option	90 / 95

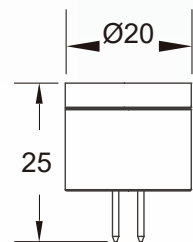
Other Information

Lamp Base	G4
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

G4 20W Halogen Equivalent

Certification

Compliance



Base Type : G4

Product Number:

- BLMG440CC-XXW307L
- BLMG440BB-XXW307L

**"X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	12V
Power	1.3W
Frequency	50/60Hz
Power Factor	>0.6
Dimming	NO

Dimension & Packing Information

Size	Ø20*25mm
Packing Method	100 PCS per Carton
Packing Size	560*111*86mm
Unit Net Weight	8g
Gross Weight	1.1KG

Optical Specification

Total Flux	135 lm
STD CCT	2700K
STD CRI	80
Beam Angle	235°
Candela (CBCP)	45
CCT Option	2200-6500K
CRI Option	90 / 95

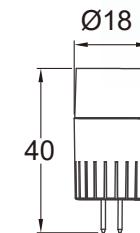
Other Information

Lamp Base	G4
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

G4 30W Halogen Equivalent

Certification

Compliance



Base Type : G4 / GY6.35

Product Number:

- BLMG440CC-XXW407L
- BLMG440BB-XXW407L

**"X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	12V
Power	2.5W
Frequency	50/60Hz
Power Factor	>0.6
Dimming	NO

Dimension & Packing Information

Size	Ø18*40mm
Packing Method	100 PCS per Carton
Packing Size	560*111*86mm
Unit Net Weight	9g
Gross Weight	1.3KG

Optical Specification

Total Flux	210 lm
STD CCT	2700K
STD CRI	80
Beam Angle	280°
Candela (CBCP)	35
CCT Option	2200-6500K
CRI Option	90 / 95

Other Information

Lamp Base	G4 / GY6.35
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

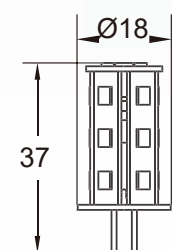
G4 30W Halogen Equivalent Shell-less Version

Certification

Compliance



Non-Direction



Base Type : G4



Product Number:

• BLMG440PP-XXW1801L

**"X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	12V
Power	2.5W
Frequency	50/60Hz
Power Factor	>0.6
Dimming	NO

Dimension & Packing Information

Size	Ø18*37mm
Packing Method	100 PCS per Carton
Packing Size	560*111*86mm
Unit Net Weight	5g
Gross Weight	0.9KG

Optical Specification

Total Flux	235 lm
STD CCT	2700K
STD CRI	80
Beam Angle	200°
Candela (CBCP)	25
CCT Option	2200-6500K
CRI Option	90 / 95

Other Information

Lamp Base	G4
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

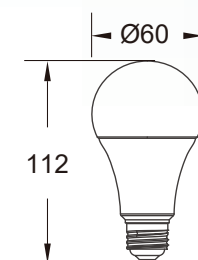
A19 Low Voltage 75W Incandescent Equivalent

Certification

Compliance



Non-Direction



Base Type : E27



Product Number:

• BLM6027P25-XXW1008L

**"X" means beam angle and CCT option, please contact our sales for more info.

Electrical Specification

Input Voltage	12/24V DC
Power	8W
Frequency	50/60Hz
Power Factor	>0.7
Dimming	NO

Dimension & Packing Information

Size	Ø60*112mm
Packing Method	50 PCS per Carton
Packing Size	360*360*275mm
Unit Net Weight	58g
Gross Weight	4KG

Optical Specification

Total Flux	1050 lm
STD CCT	2700K
STD CRI	80
Beam Angle	200°
Candela (CBCP)	-
CCT Option	2200-6500K
CRI Option	90 / 95

Other Information

Lamp Base	E27
Operation Temp.	-20°-40°C
Storage Temp.	-20°-70°C

ANNEX

Principles of Ordering
Important Notice
CCT-CRI Formula

ANNEX

Principles of Ordering Number for LED Bulb

Order numbers consist of 12 parts, and the digits of them vary with different Specs and products.



BLXXXX - XXXXX XX X
1 2 3 4 5 6 7 8 9 10 11 12

1. For B.L.T.C.	
2. Bulb Type	
V	V Type
T	T Type
M	M Type
O	O Type
S	S Type
E	Ballast Compatible
L	L Type (Light Fixture)
DIY	DIY Type
DI2	DIY II Type
2. Bulb Shape	
11	MR11, S11(Ø35)
13	G9(Ø13)
16	MR16, PAR16, R16(R50)
17	G9(Ø17& Ø18)
19	A19(A60)
20	PAR20, R20(R63), Security Bulb
22	Security Bulb, A22(A70)
25	G9, PAR25, R25(R80)
30	PAR30, BR30(R95)
35	G9(Ø35), S11(Ø35)
36	PAR36
38	PAR38, BR38(R120)
40	BA15D, BA15S
45	Class P
68	Spotlight(Cut Out Ø68), Adjustable
74	Spotlight(Cut Out Ø68), Rotatable
75	HID(Ø71)
95	HID(Ø94)
71	AR111, ES111
94	A50, PAR16, JDR50
111	A55, B55
50	A19(A60)
55	A65
60	A70, AR70, JDR70
65	B75
70	Candle light- C11/ CA11(CA35)/ B11(B35)
75	R86
80	G4
83	G14(G45)
86	G14(G45)
A	G16(G50)
R	GX53
G4	G70
G14	G30(G95)
G45	G40(G120)
G50	GLS (A15-Ø45)
G53	GLS (Ø50)
G70	GLS (A17-Ø55)
G95	R12(R40)
G120	R14(R45)
GL45	R52(R165)
GL50	T Lamp(Ø25)

3. Bulb Shape	
GL55	07°~11°
R12	14°~24°
R14	10°~22°
R52	15°~35°
T25	29°~46°
T40	30°~60°
T54	40°~60°
TR50	76°~87°
OC	70°~110°
TC	Transparent (Clear cover)
4. Bulb Head (Lamp Holder)	
4.1 For Low Voltage	
40	G4.0, GU4.0, GZ4.0
Z10	EZ10
53	GU5.3 (MR16) , G53(AR111, PAR36)
ST	Screw Terminal(ST)
15D	BA15D
15S	BA15S
T20	T20
GY6	GY6.35
4.2 For High Voltage	
10	GU10, E10
11	E11
12	E12
14	E14
15D	BA15D
15S	BA15S
17	E17
22	B22
24	GU24
26	E26
27	E27
39	E39
40	E40
G9	G9
5. Optics	
N15	07°~11°
N25	14°~24°
N40	22°~25°
N60	28°~30°
N80	45°~52°
SS	8°~22°
SSA	8°~22°
M	15°~35°
W	29°~46°
WD	30°~51°
WW	40°~60°
WWW	76°~87°
S40	45°
S60	40°, 15°~67°Angle Adjustable
D120	70°~110°
BB	>130° color : transparent (clear cover)
CC	>130°color : white (opaque cover)

Principles of Ordering Number for LED Bulb

Order numbers consist of 12 parts, and the digits of them vary with different Specs and products.

BLXXXX - XXXXX
1 2 3 4 5 6 7 8 9 10 11 12

5. Optics	
PP	>270° within Lens color : white (opaque cover)
P25	>220°(Globe Lamp) color : white (opaque cover)
BF	>130° Clear Flame Cover
CF	>130° Opaque Flame Cover
C25	>150° CC Cover and Lens
B35	>130°Clear Bulb Cover
C35	>130° Opaque Bulb Cover
A	ASI(Aether systems Inc.) Lens
T	Light leak design
E	Exterior antenna
BP	透明燈罩電鍍
GP	燙金燈罩電鍍
6.LED Brand	
A	Samsung
B	Bridgelux (BXRE)
C	Cree
E	Hangke(Filament)
N	Nichia
H	Sharp
L	Lumileds
T	Epistar, Prolight Opto, Other
O	Osram, Other
7.Color	
R	Red
G	Green
B	Blue
A	Amber
FW	Warm White 2200K (2000K~2290K)
24FW	Warm White 2400K (2290K~2580K)
VW	Warm White 2700K (2580K~2870K)
28VW	Warm White 2800K (2725K~2870K)
WW	Warm White 3000K (2870K~3220K)
35WW	Warm White 3500K (3220K~3710K)
NW	Neutral White 4000K (3710K~4260K)
45NW	Neutral White 4500K (4260K~4745K)
CW	Cool White 5000K (4745K~5310K)
W	Cool White 5700K (5310K~6020K)
65W	Cool White 6500K (6020K~7040K)
RGBW	Color Changing
2750W	CCT changing 2700K/5000K
3057W	CCT changing 3000K/5700K
RGBXW	4 Colors
RGBXXW	5 colors
8.LED Quantity & power consumption	
1	1*1.3W
5	1*4.5W
19	1*9W
31	3*1.3W
41	4*1.0W
42	4*1.8W
51	5*1.0W
61	6*1.0W
62	6*2.0W

8.LED Quantity & power consumption	
63	6*3.0W
71	7*1.0W
81	8*1.0W
82	8*2.0W
91	9*1.3W
92	9*2W
121	12*1.1W
131	13*1W
122	12*2W
162	16*1.5W
1207	12*0.7W
9.Input Voltage	
L	12V
M	24V
R	36V
S	Fixed current
H	85-260V
H1	100~120V
H2	200~240V
H3	277V
H10	100V Japan
H12	120V United States of America/ Taiwan
H22	220V China/ Middle East and others
H23	220~240V
H24	230~240V Europe/ Australia and others
10.Other Division	
LG	Long Holder
SG	Short Holder
XP	Cree MCE/ XPG
K	Nichia 219B
E	Nichia 488ART / 486ARE
Q	Cree XTE
Y	Cree XBD
PE	Cree XPE
RL	Indoor Lighting
OD	Out Door
DM1	4-Step Dimming
DM2	Dimmable Lamp
DM3	Color Changing Lamp
DM5	Auto dimmng
WF	WiFi
WF0	WiFi, w/ No memory card attached
WF8	WiFi, w/ 8G memory card
WF16	WiFi, w/16G memory card
WF32	WiFi, w/ 32G memory card
WF64	WiFi, w/ 64G memory card
BT	Bluetooth E3 Version
BT1	Bluetooth麗輝版
BT2	Bluetooth夢想版
ZB	Zigbee
RF	RF
M	Bluetooth & wifi
C	Accessories

Principles of Ordering Number for LED Bulb

Order numbers consist of 12 parts, and the digits of them vary with different Specs and products.

BLXXXX - XXXXX
1 2 3 4 5 6 7 8 9 10 11 12

10.Other Division	
MB	Meat and Bread
F	Fish
V	Vegetables
N	New Plastic back (N-PFC)
NP	New packing for XXXX (ex: AURORA new packing for UK)
AD	Angle Adjustable, Cost version
70	CRI70
80	CRI80
90	CRI90
95	CRI95
ET	Compatible with Electronic Transformer
P	Pillar lens (difference with the crown lens)
A	NTC Virsion
B	Power cable without connector
C	Power cable with connector
U	UL Cable for America
V	VDE Cable for Europe(without parallel cable)
D	降電流
SK	SKD
17	Use Nichia E17
U2	搭配美規長條外型電源
V2	配歐規（無並聯線）&長條外型電源
PA	牙訊號加強版
H	RGB加強版
11.New, Old, Color Version of Holders	
(None)	New
O	Old
(None)	General Part Number
W	White
B	Black
G	Golden
C	Charcoal
T	Traditional Version
S	Silver Version
P	pattern
D	Drop
12.Customized Modification	
XX	2-digit code for customers

Principles of Ordering Number for LED Bulb

Order numbers consist of 12 parts, and the digits of them vary with different Specs and products.



BLXXXX - XXXXX XX
1 2 3 4 5 6 7 8 9 10 11 12

1. For B.L.T.C.	
2. Bulb Type	
V	V Type
T	T Type
M	M Type
O	O Type
S	S Type
DIY	DIY Type
DI2	DIY II Type

3. Lamp Shape	
T5	T5
T8	T8

4. Designed to replace what wattage of LED Tubes	
7	7W
14	14W
21	21W
28	28W
40	40W
50	50W

5. Length of Tube (mm)	
280	280
305	305
560	560
610	610
860	860
915	915
1160	1160
1220	1220
1460	1460

6.LED Brand	
C	Cree
N	Nichia

7.Color	
R	Red
G	Green
B	Blue
A	Amber
VW	Warm White 2700K
WW	Warm White 3000K
NW	Neutral White 4000K
CW	Cool White 5000K
W	Cool White 5700K

8. LED Quantity & power consumption	
3301	33*0.13W
6601	66*0.13W
9901	99*0.13W
13201	132*0.13W
1605	16*0.5W
2405	24*0.5W
81	8*1W
121	12*1W

9. Voltage (V)	
H1	100~120V
H2	200~240V

10.Other Division	
AD	Angle Adjustable
DM1	Switching Dimmable/0%-50%-100% Dimming function
DM2	Dimmable/0%~100% Smooth Dimming with TRIAC Dimmers
DM3	Specific Dimming function

11.New, Old, Color Version of Holders	
(None)	New
O	Old
(None)	General Part Number
W	White
B	Black
G	Golden
C	Charcoal
T	Traditional Version
S	Silver Version
P	pattern
D	Drop

12.Customized Modification	
XX	2-digit code for customers

Low voltage LED Lamp Limited dimming guide

Low voltage LED lamp transformer selection instructions

(1) Use 12VAC transformer (110VAC or 220VAC to 12VAC transformer), Commercially-available 12VAC transformer mainly has the two kinds:

- A. Magnetic AC Transformer:
The appearance is heavy, solid heart iron, coil winding way to lift/lower voltage, without any electronic components, providing a stable voltage (even if the load is small, very stable) can be used directly with the low-voltage LED lights, good compatibility.
- B. Electronic AC Transformer :
Small size, light weight, the case is usually tin metal or plastic with the internal electronic components; the price is cheap. It usually match halogen MR16 lamp, but poor compatibility for low-voltage LED lamp, incompatible situation may have 1. No-light 2. flicker 3. flicker after using a period of time.

(2) Use 12VDC transformer, input 100 ~ 240VAC output to 12VDC (DC voltage):
12VDC transformer whether it is magnetic or electronic transformer, because DC is a constant current, and the final LED lamp voltage is DC voltage that high stability.

Limited dimming of low voltage LED lamp

- MR11, MR16, G4, AR111, PAR36, 12VA19, this type of lamps in the appropriate configuration may be dimmable, but the dimming performance and characteristics will change with the configuration.
- When the lamp is connected with the traditional 12VAC magnetic transformer, there is a big chance that the TRIAC dimmer may operate. However, due to the different brand and model of TRIAC dimmer, so the dimming performance may vary depending on the brand and model.
- When the lamp is connected with 12VAC Electronic transformer, the system can work normally (that is, the lamp does not have incompatibility with the transformer), and there is a certain probability that the TRAIC dimmer can work. However, since the TRIAC dimmer in different brands and models there are different designs, so the dimming performance may vary by brand and model.
- The lamp functions well with DC 12V, but cannot connect the dimmer, because the general DC12V devices are fixed voltage, 12V output dimmer cannot work with constant DC12V, if connected, the possible situation would be: 1. No dimming effect 2. Lamp flicker 3. Lamp burned.

Limited dimming of high voltage LED lamp

Most of these lamps are RC architectures (Resistance capacitance step-down power supply) or Linear IC. These bulbs are basically compatible with typical TRAIC dimmers but usually have poor dimming effect, these lamps if used in parallel with multiple lamps and a single TRIAC dimmer, may have better dimming performance due to increased load.

Solution to Abnormal Dimmable Bulbs

- Please ensure the dimmer is operated on an independent AC line, not connecting to other electrical appliances or devices. If high-power consumption devices such as freezer, air conditioner, laundry machine, and hair dryers are connected to the same AC line with the dimmer, abnormal light emission is likely to occur.
- When abnormal light occur when a dimmer is connected to only one LED bulb, please try the combination of more than two LED bulbs. The optimal combination is to connect one dimmer to the quantity of LED bulbs adding up to over 35 watts. This is due to the minimum power consumption of a dimmer.

Dimming Guide

Guide to Dimming

- The maximum LED lamp load is not clearly defined by most of the key dimmer manufactures.
- BLTC's dimmable lamps can work with most of leading edge (TRIAC) and trailing edge dimmers, however 100% compatibility cannot be guaranteed due to the variety and quality of dimmers in the market. Some of the compatibility issues may include audible noise, flickering and higher light output when the dimmer is set at a certain level.
- Maximum total LED lamps power should not exceed 20% of dimmer's maximum rated power.
- For instance, if a dimmer's maximum rated power is 600 Watts, the recommended maximum LED lamp load power should be under 120 Watts.
- The remote control may not work properly when used around infrared remote control such as television remote and AC remote.
- If the dimmer is set at a lower than 10% level when the blub is turned on, it is possible to have no light emission at all or flrcker. In this case, please just tune the dimmer to 100% and turn the bulb on again.
- The time it takes to turn on the light may vary with different kind of dimmer switch.
- Do not use dimmer with non-dimmable bulbs to avoid damage and burning.
- Sometimes the lamp may fail to dim when working with the following kinds of dimmers.
 - sensor dimmers
 - stepping dimmers
 - remote control dimmers
 - dimmers with memory function--to re-show the light scene with even just a button.
- When dimming, the brightness of the lamp will be affected by the variation of power supply and bulb types.
- When the dimmer is tuned at the lowest lever, a moment of brightness might occur after the power is turned on.
- When the dimmer is tuned at the lowest lever, dimming or flickering might occur when a high- power consumption device such as hair dryer or air conditioner is used due to power and current fluctuation.
- When turning off light, it is highly recommended to turn off the power switch instead of simply tuning the dimmer to the lowest level.
- When more than one bulb is connected to a dimmer, the brightness of each bulb may vary depending on its characteristic.
- It is normal to have minor noises when turning dimmers.
- If the light flickers when dimming, please adjust the dimmer until the light is tuned to a steady level.

12V Lamps compatibility of transformers and dimmers

Since there are various kinds of AC 12V transformers and dimmers in the market, 100% compatibility between these devices is unlikely to achieved.

-Electronic AC Transformer :

One and broadly compatible with 12V lamps. However, flicking and burning might occur when incompatible.

Even if the 12V lamp is compatible with the selected transformer, dimmer compatibility might be another issue that needs to be resolved.

-Magnetic AC Transformer :

LED bulb is compatible with magnetic transformers when used with 12V halogens, however it would be less efficient and have a shorter lifespan.

Even if the 12V lamp is compatible with the selected transformer, dimmer compatibility might be another issue that needs to be resolved.

DC Power Supply/Driver :

We highly recommend using this type of devices, since it gives the highest efficiency and with no compatible issue. However, the dimming function will be hindered because it is designed in constant voltage and the dimmer can not work properly with it.

Different color temperature of the data formula

Different color temperature of the lumen / illumination formula

This catalog mainly uses 2700K lumens / illumination as specification, if with other color temperature be demanded, such as: 3000K, 4000K, 5000K, can refer to the following formula as a preliminary estimate reference.

Example:
Take Ra80 as an example, 2700K is 100 lm, under the same CRI, multiplied by the corresponding CRI coefficient, it can be estimated:
3000K: 100 * 1.04 = 104
4000K: 100 * 1.09 = 109
5000K: 100 * 1.09 = 109

	Ra70	Ra70 coefficient	Ra80	Ra80 coefficient	Ra90	Ra90 coefficient	Ra95	Ra95 coefficient
2000K	102 lm	1.02	94 lm	0.94	80 lm	0.80	62 lm	0.62
2200K	104 lm	1.04	96 lm	0.96	82 lm	0.82	64 lm	0.64
2700K	108 lm	1.08	100 lm	1.0	86 lm	0.86	68 lm	0.68
3000K	110 lm	1.10	104 lm	1.04	90 lm	0.90	72 lm	0.72
4000K	116 lm	1.16	109 lm	1.09	95 lm	0.95	79 lm	0.79
5000K	114 lm	1.14	109 lm	1.09	97 lm	0.97	85 lm	0.85
5700K	119 lm	1.19	114 lm	1.14	100 lm	1	90 lm	0.90
6500K	124 lm	1.24	119 lm	1.19	115 lm	1.15	95 lm	0.95

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