

OEM PRODUCT CATALOGUE

2024



Beautiful Light
Technology Corporation



Beautiful Light Technology Co., Ltd.(BLTC) was established in 2005. In the LED lighting field, BLTC has accumulated more than 18 years of profound development and production experience, continues to innovate and improve specially in the lighting source, power supply, mechanism, and heat dissipation, and constantly creates high-quality LED lighting products.

Since 2015, facing rapid development of the Internet of Things, BLTC began to invest resources in software, hardware, and systems for the development of smart lighting products; after years of hard work and integration, BLTC has provided a complete product line for smart lighting. We have assisted customers to establish a Smart lighting management system, and successfully earn a market share in the field of Smart lighting.

In recent years, the main business scope of BLTC has been further upgraded to a provider of "smart lighting solutions" in addition to the traditional "professional ODM OEM LED Maker".

Since the day of BLTC was founded, we have focused on working with customers and suppliers to create a long-term relationship in trust. With the strong partnership between each other, we are growing and thriving steadily. We hope to become a world-class leader in the field of professional lighting and smart lighting in the near future.





- 2005.03 Beautiful Light Technology Corporation was established in Chiayi County, Taiwan. Engaged in LED lighting product development and sales.
- 2009.07 Dongguan Beautiful Lighting Technology Corporation expanded new factory in Dalang Town, Dongguan City, increase production scale and extends sales for customers in worldwide.
- 2010.05 Dongguan Beautiful Lighting Technology obtained ISO 9001 & ISO14001 certification.
- 2012.08 Dongguan Beautiful Lighting Technology obtained UL, TUV Rhein, SGS Safety Witness Laboratory qualification.
- 2015.06 BLTC established a sales department in Taiwan to promote LED lighting products in Taiwan with the own brand.
- 2018.04 BNC was established in New Taipei City, Taiwan, focusing on the development of smart lighting system and products.
- 2020.09 New factory opened in Chiayi Industrial Zone, Lucao Township, Chiayi County, Taiwan, and Head quarter relocated, too.
- 2021.06 Chiayi Factory obtained ISO9001 & ISO14001 certification.
- 2022.05 Chiayi MaChouhou Factory passed the UL Witness Laboratory qualification.
- 2023.01 BLTC Lighting Corp. in Tucheng founded in New Taipei City to expand domestic sales channel for BLTC own brand products.

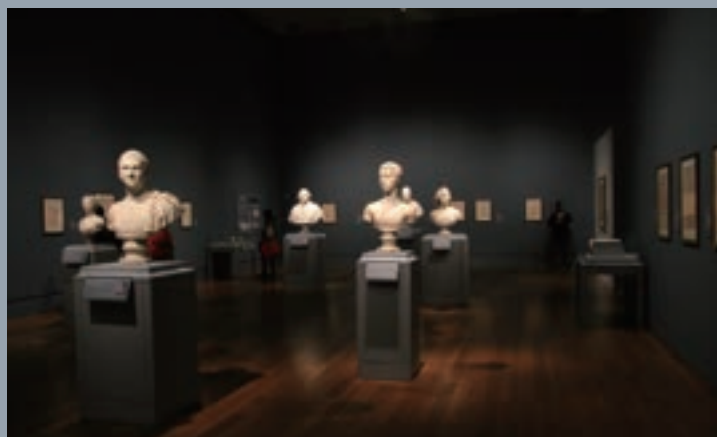




Intelligent

{Smart Lighting}

01



Elite

{Commercial Lighting}

34



Essential

{General Lighting}

61

INTELLIGENT

APP



01 HOZbee

02 BT Light/eBee

03 Firebee

06 Minibee

Module



07 Wi-Fi Camera Gateway

07 Bluetooth module
BM021

07 Bluetooth module
BM023

07 Bluetooth module
BM029

07 PA module
BM026

07 PA module
BM027

Driver



10 12W Constant Power
Smart Driver

10 25W Constant Power
Smart Driver

11 40W Constant Power
Smart Driver

11 60W Constant Power
Smart Driver

Adapter



12 1-10V 4 Channel Adapter
With Relay

12 12V Outdoor Relay

12 0-10V Dimmable & Tunable
Adapter

13 LED Strip Adapter
12V/24V 1-5 CH 2A/CH

13 LED Strip Adapter
12V/24V 1-5 CH 10A/CH

INTELLIGENT

Repeater



14 Indoor Repeater

14 Outdoor Repeater

15 DALI Repeater

Gateway



16 Gateway
Desk Type / Ceiling Type

16 Gateway
(Wire Type)

16 Gateway
(Touch Panel)

17 IP Camera A80

18 IP Camera Downlight

Remote Controller



19 19-Key Remote Controller

19 Wall Switch Type Controller

19 Voice Controller

19 Minibee Controller

Sensor



20 PIR & Light Sensor

20 PIR & Light Sensor
0-10V Adapter

20 PIR & Light Sensor
0-10V Adapter

INTELLIGENT

Switch



21 Smart Switch Movable
-1 Gang

21 Smart Switch Movable
-3 Gang

22 Smart switch 86 Type
-1 Gang

22 Smart switch 86 Type
-3 Gang

21 Smart Switch Movable
-2 Gang

21 Smart Switch Movable
-4 Gang

22 Smart switch 86 Type
-2 Gang

INTELLIGENT

Retrofit



- | | | | |
|-----------|--|-----------|--|
| 23 | Smart G4 10W
Halogen Equivalent | 23 | Smart MR16 35W
Halogen Equivalent |
| 24 | Smart PAR16 35W
Halogen Equivalent | 24 | Smart PAR16 50W
Halogen Equivalent COB Like |
| 25 | Smart AR111 100W
Halogen Equivalent | 25 | Smart PAR36 80W
Halogen Equivalent |
| 25 | Smart PAR36 80W
Halogen Equivalent | 26 | Smart A60 60W
Incandescent Equivalent |
| 26 | Smart A60 60W
Incandescent Equivalent | 26 | Smart A70 80W
Incandescent Equivalent |
| 27 | Smart G45 30W
Incandescent Equivalent | 27 | Smart B35 35W
Incandescent Equivalent |
| 28 | Smart BR30 60W
Incandescent Equivalent | 28 | Smart BR40 60W
Incandescent Equivalent |
| 28 | Smart BR40 80W
Incandescent Equivalent | 29 | Smart GX53 75mm 13W
CFL Equivalent |
| 29 | Smart GX53 90mm 75mm
18W/26W CFL Equivalent | 30 | Smart Filament A60 |
| 30 | Smart Filament ST64 | 31 | Smart Filament G95 |
| 31 | Smart Filament B35 | | |

INTELLIGENT

Luminaire



32 Smart Adjustable
Downlight

32 Smart Downlight 9cm

32 Smart Downlight 15cm

33 Smart T5 Batten

33 Smart Step light

ELITE

MR Lamp



- | | | | |
|----|---|----|---|
| 34 | MR8 20W
Halogen Equivalent | 34 | MR11 20W
Halogen Equivalent |
| 34 | MR11 35W
Halogen Equivalent | 35 | MR11 35W Halogen
Equivalent High Illuminance |
| 35 | MR16 50W COB Halogen
Equivalent High Illuminance | 36 | MR16 50W Halogen
Equivalent (Dimming Version) |
| 36 | MR16 50W Halogen
Equivalent Kingkang Version | 37 | MR16 3LED 20W
Halogen Equivalent |
| 37 | MR16 6LED 35W
Halogen Equivalent | 38 | MR16 6LED 35W
Halogen Equivalent High Efficiency |
| 38 | MR16 8LED 50W
Halogen Equivalent | 39 | MR16 COB 50W
Halogen Equivalent |
| 39 | MR16 50W Halogen
Equivalent Universal Voltage | 39 | MR16 50W Halogen
Equivalent Angle Adjustable |

JC Bi-Pin



- | | | | |
|----|---------------------------------------|----|---|
| 40 | Side Bi-Pin 30W
Halogen Equivalent | 40 | Side Bi-Pin 40W
Halogen Equivalent |
| 41 | G4 10W
Halogen Equivalent | 41 | G4 Lamp 20W
Halogen Equivalent |
| 41 | G4 30W
Halogen Equivalent | 42 | G4 30W Halogen Equivalent
- Shell-less Version |
| 42 | G9 30W
Halogen Equivalent | 42 | G9 50W
Halogen Equivalent |

ELITE

AR Lamp



- | | | | |
|----|----------------------------------|----|----------------------------------|
| 43 | AR70 50W
Halogen Equivalent | 43 | AR111 75W
Halogen Equivalent |
| 44 | AR111 125W
Halogen Equivalent | 44 | AR111 100W
Halogen Equivalent |

PAR Lamp



- | | | | |
|----|---|----|---|
| 45 | PAR9 GU10 35W
Halogen Equivalent | 45 | PAR11 GU10 35W Halogen
Equivalent Angle Adjustable |
| 45 | PAR16 GU10 50W
Halogen Equivalent Angle Adjustable | 46 | PAR16 GU10 50W Halogen
Equivalent High Illuminance |
| 46 | PAR16 BA15D/S 50W
Halogen Equivalent | 47 | PAR16 GU10 50W
Halogen Equivalent |
| 47 | PAR16 GU10 50W
Halogen Equivalent (NEW VERSION) | 48 | PAR16 GU10 3LED 20W
Halogen Equivalent |
| 48 | PAR16 GU10 6LED 35W
Halogen Equivalent | 49 | PAR16 GU10 8LED 50W
Halogen Equivalent |
| 49 | PAR16 GU10 COB 50W
Halogen Equivalent | 50 | PAR30 100W
Halogen Equivalent (Long Neck) |
| 50 | PAR30 100W
Halogen Equivalent IP65 | 50 | PAR38 140W
Halogen Equivalent |
| 51 | PAR38 120W
Halogen Equivalent IP65 Version | 51 | PAR38 200W
Halogen Equivalent IP65 Version |
| 52 | PAR16 GU10 20W / 35W
Metal Halide Equivalent | 52 | PAR20 20W / 35W
Metal Halide Equivalent |
| 53 | PAR30 70W
Metal Halide Equivalent | 53 | PAR38 75W
Metal Halide Equivalent |

ELITE

ES111 Lamp



54 ES111 100W Halogen Equivalent

54 ES111 125W Halogen Equivalent

Color changing Lamp



55 R86 Color Changing Lamp

55 BR40 Color Changing Lamp

Flood Lamp



56 GX53 70mm 13W CFL Equivalent

56 GX53 90mm 13W CFL Equivalent

CFL Lamp



57 CFL 13W Equivalent

57 CFL 18W Equivalent

57 CFL 26W Equivalent

ELITE

A Lamp



58 A35 40W
Incandescent Equivalent

58 A60 40W/60W/75W
Incandescent Equivalent

59 A70 130W
Incandescent Equivalent

60 A60 AUTO DIMMING 60W
Incandescent Equivalent

58 Low Voltage A60 60W
Incandescent Equivalent

59 A65 100W/120W
Incandescent Equivalent

60 A60 3-Step Dimming 60W
Incandescent Equivalent

60 A60 CCT Change 60W
Incandescent Equivalent

ESSENTIAL

MR Lamp



61 MR16 COB LIKE 20W
Halogen Equivalent

61 MR16 COB LIKE 35W
Halogen Equivalent

61 MR16 COB LIKE 50W
Halogen Equivalent

62 MR16 35W
Halogen Equivalent Dimmable

62 MR16 50W Halogen
equivalent Dimmable

JC Bi Pin



63 G4 10W
Halogen Equivalent IP62

63 G4 30W
Halogen Equivalent

64 G9 30W
Halogen Equivalent

64 G9 35W
Halogen Equivalent

64 G9 40W
Halogen Equivalent

PAR Lamp



65 PAR16 35W
Halogen Equivalent

65 PAR16 35W
Halogen Equivalent Dimmable

65 PAR16 50W
Halogen Equivalent

65 PAR16 50W
Halogen Equivalent Dimmable

G45 Lamp



66 G45 40W
Incandescent Equivalent BASE E14

66 G45 40W
Incandescent Equivalent BASE E27

ESSENTIAL

A Lamp



- | | | | |
|-----------|--|-----------|-------------------------------------|
| 66 | Anti-inset LED bulb | 67 | A60 40W
Incandescent Equivalent |
| 67 | A60 40W
Halogen Equivalent Dimmable | 67 | A60 60W
Incandescent Equivalent |
| 67 | A60 60W
Halogen Equivalent Dimmable | 68 | A60 100W
Incandescent Equivalent |
| 68 | A60 100W
Incandescent Equivalent | | |

Filament



- | | | | |
|-----------|--|-----------|--|
| 69 | A60 Filament 40W
Incandescent Equivalent | 69 | A60 Filament 60W
Incandescent Equivalent |
| 69 | A60 Filament 60W
Incandescent Equivalent Dimmable | 70 | A60 Filament 75W
Incandescent Equivalent |
| 70 | A60 Filament 80W
Incandescent Equivalent Dimmable | 70 | A60 Filament 100W
Incandescent Equivalent |

Intelligent

{Smart Lighting}



HOZbee

HOZbee is designed and developed for the purpose of locally smart lighting control. It aims to provide users an easy start for the smart lighting with following features:

- ✓ Full smart lighting control functions like dimming, tuning white, RGB, schedule etc.
- ✓ BLE connection methods to connect up to 128 devices
- ✓ Full support from our complete product family
- ✓ Different interfaces for users and installers to mimic the real world lighting system operations



For end-users:

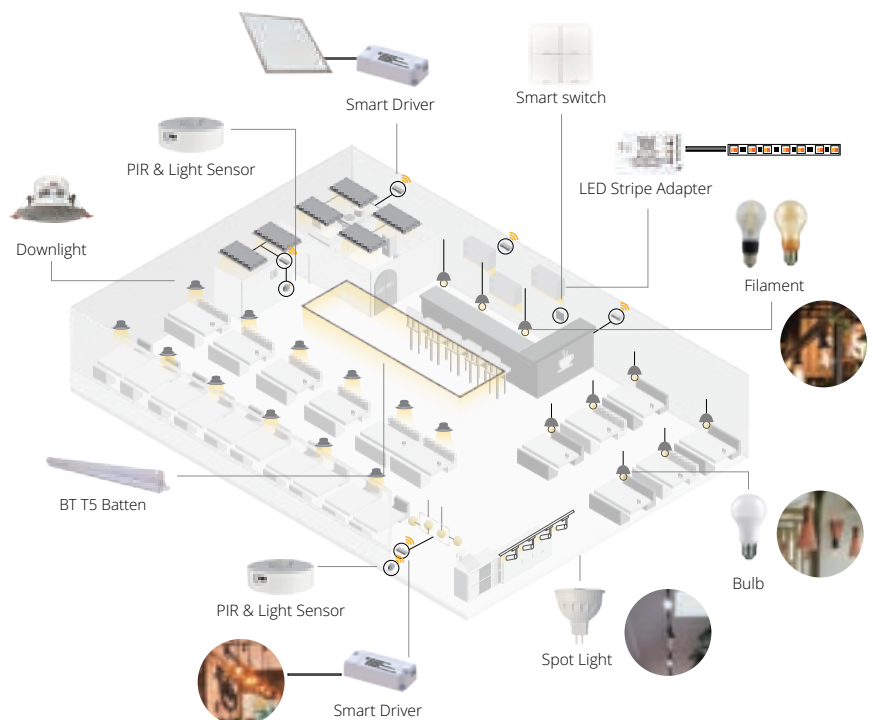
- ✓ Simple interface
- ✓ Intuitive operation procedure
- ✓ Schedule set-up
- ✓ Secure user environment
- ✓ Max 128 devices simultaneously
- ✓ No limit of controllable devices (by mesh code)

For installer:

- ✓ Graphical interface
- ✓ Room based set-up principles
- ✓ Built-in recommended scenes
- ✓ Simpler set-up procedures for controller and sensor
- ✓ One button backup and restore
- ✓ Password protection for project data



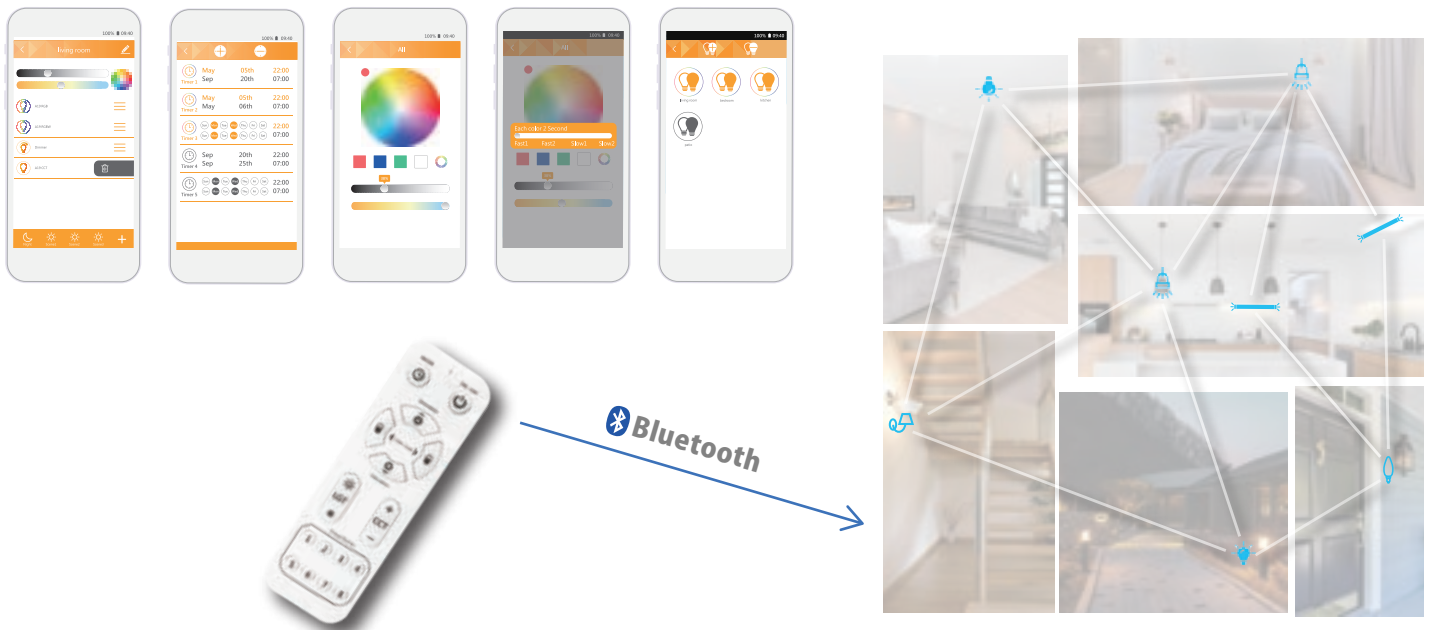
Application - RESTAURANT



BT Light

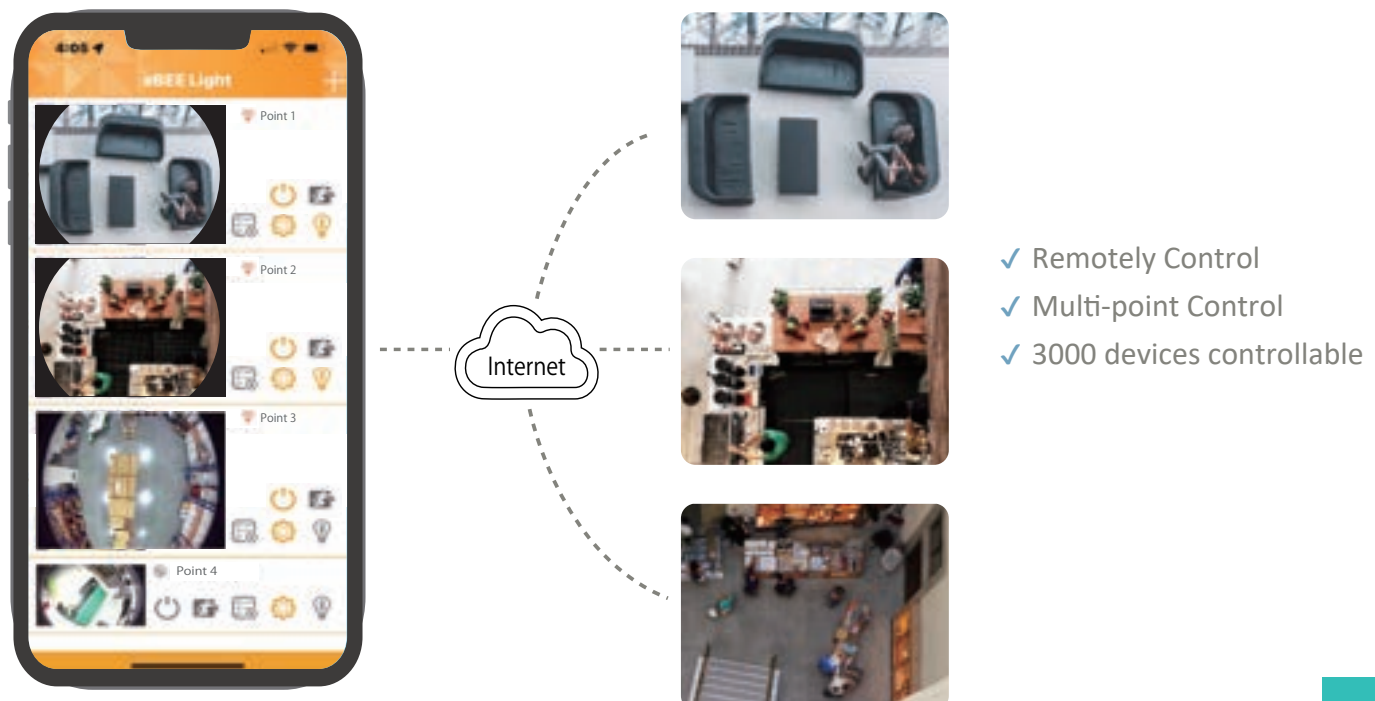
BT Light is the first smart lighting system developed solely by BLTC. The original purpose is to create a system that connect smart lighting products from BLTC such as remote controller, sensor, retrofits and luminaire to create a convenient environment for the end user.

BT Light supports all necessary functions in smart lighting such as grouping, scene, schedule, etc. You can simply adjust the lighting to fit your emotion by simply press one button of our controller.



eBee

In order to achieve remotely control of the smart lighting system, BLTC developed a new system eBee on the basis of BT Light. The crucial achievement is made by introducing gateway, which connect BLTC smart lighting device and the Internet. Therefore, one can control and monitor the lighting condition in different locations simultaneously

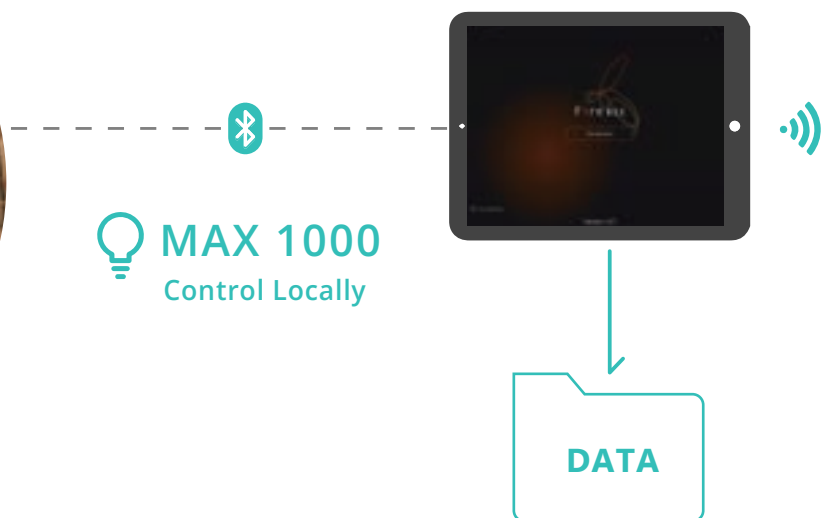
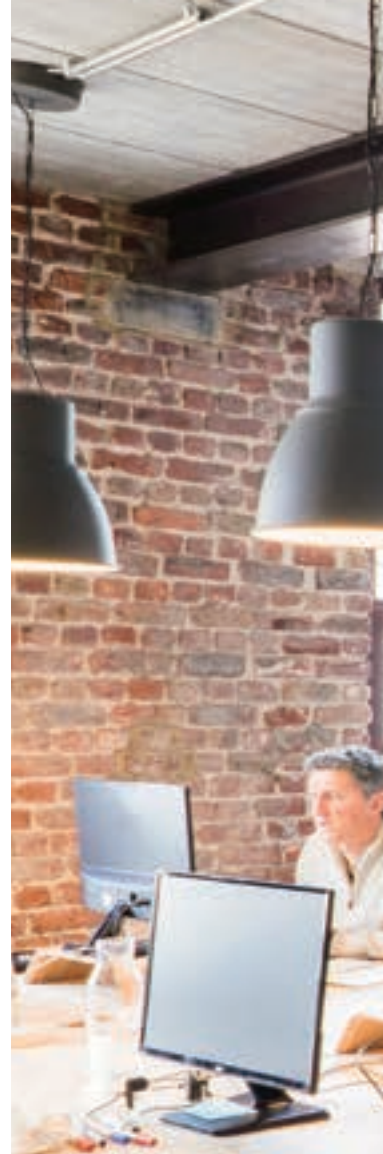


FIREBEE

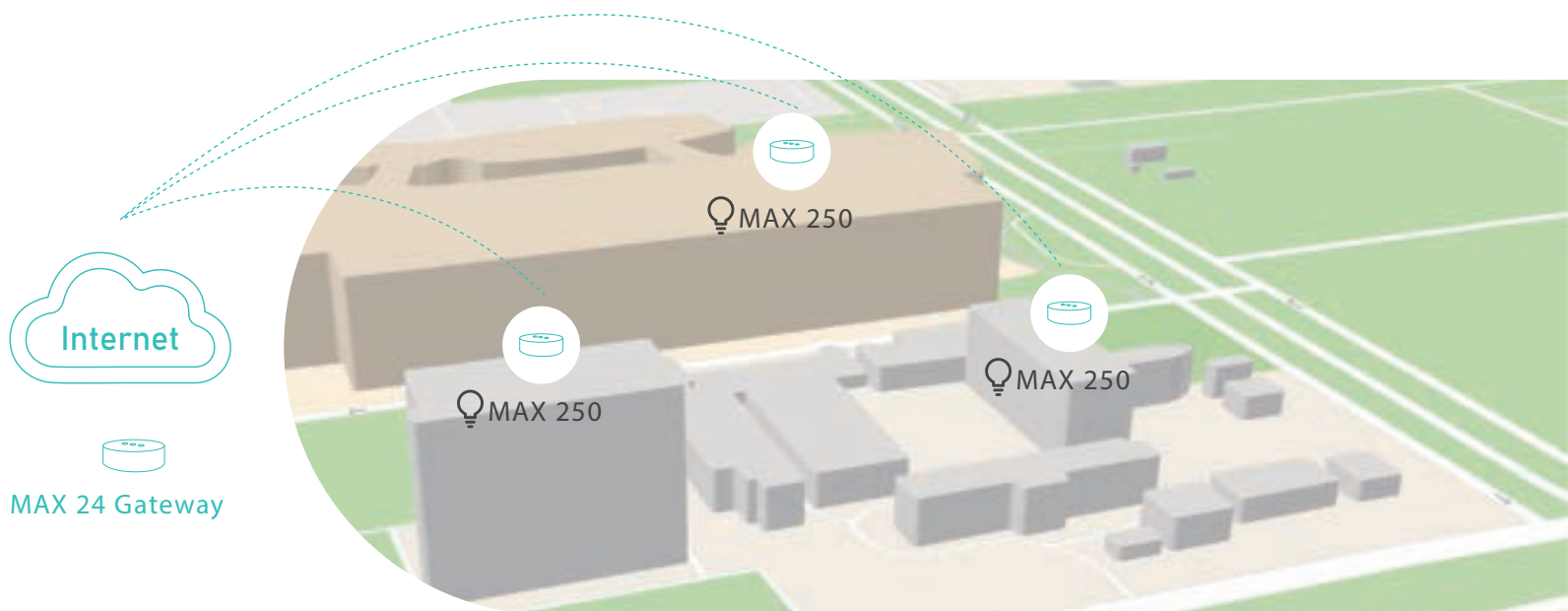
See your Lighting World in a different way

Firebee aims to provide facility managers a platform to realize their management plan of lighting in a bigger scale by means of the following features:

- ✓ Large scale control up to 1000 devices by locally direct link
- ✓ Large scale control up to 6000 devices by gateway to achieve remotely control
- ✓ All setting data could be backed up in the cloud
- ✓ Multi-layer management structure to help management easily
- ✓ Visual aid interface to help setup and control more easily
- ✓ Dynamic scene function provides a tool for designers to set up schedule for different purposes such as Human Centric Lighting



All data could be backed up in the cloud and analyzed for lighting performance improvement.



 **MAX 6000**
Control Remotely

Multi-layer lighting system management structure

Network

Building

Floor

Area

Room

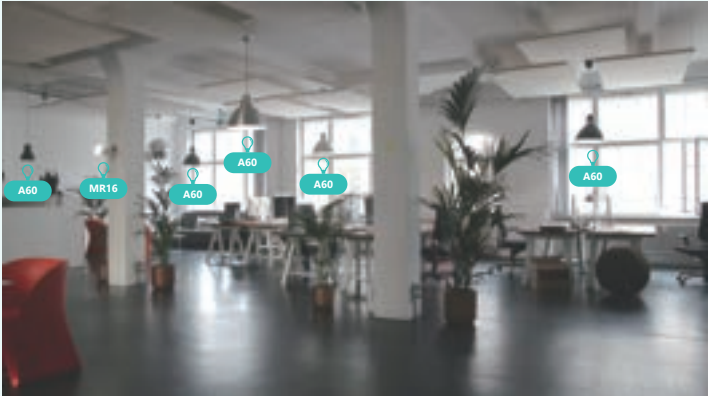
Group

Device

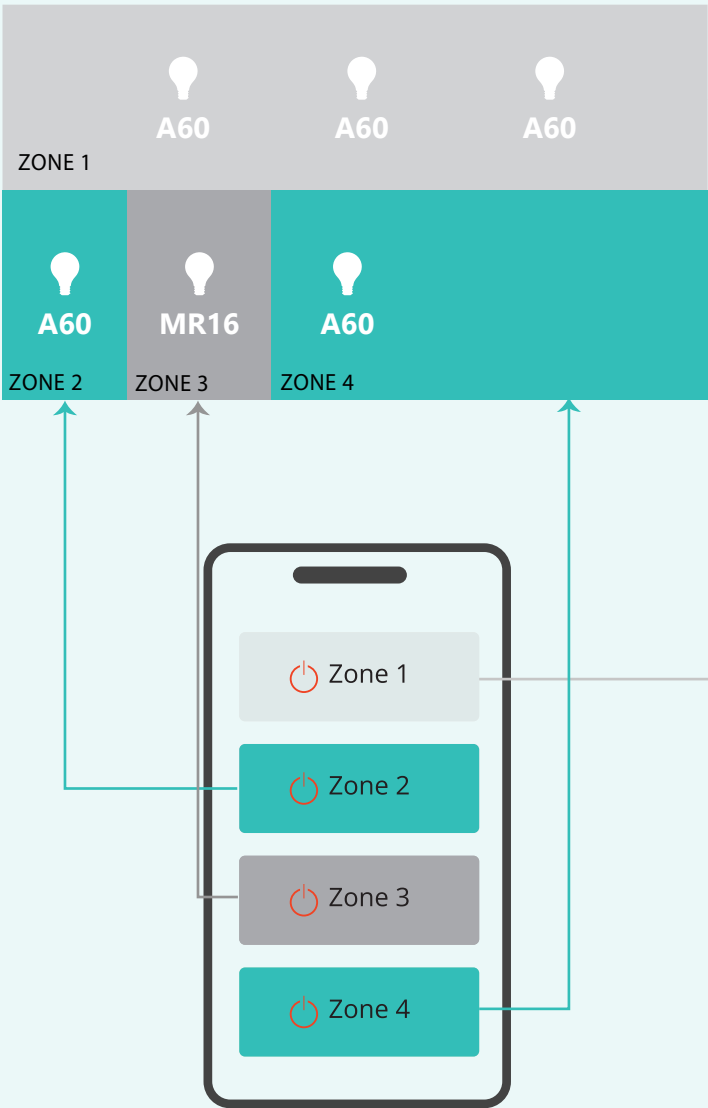


Visual management interface

Floor Plan Management



Support Photo Edit



Minibee



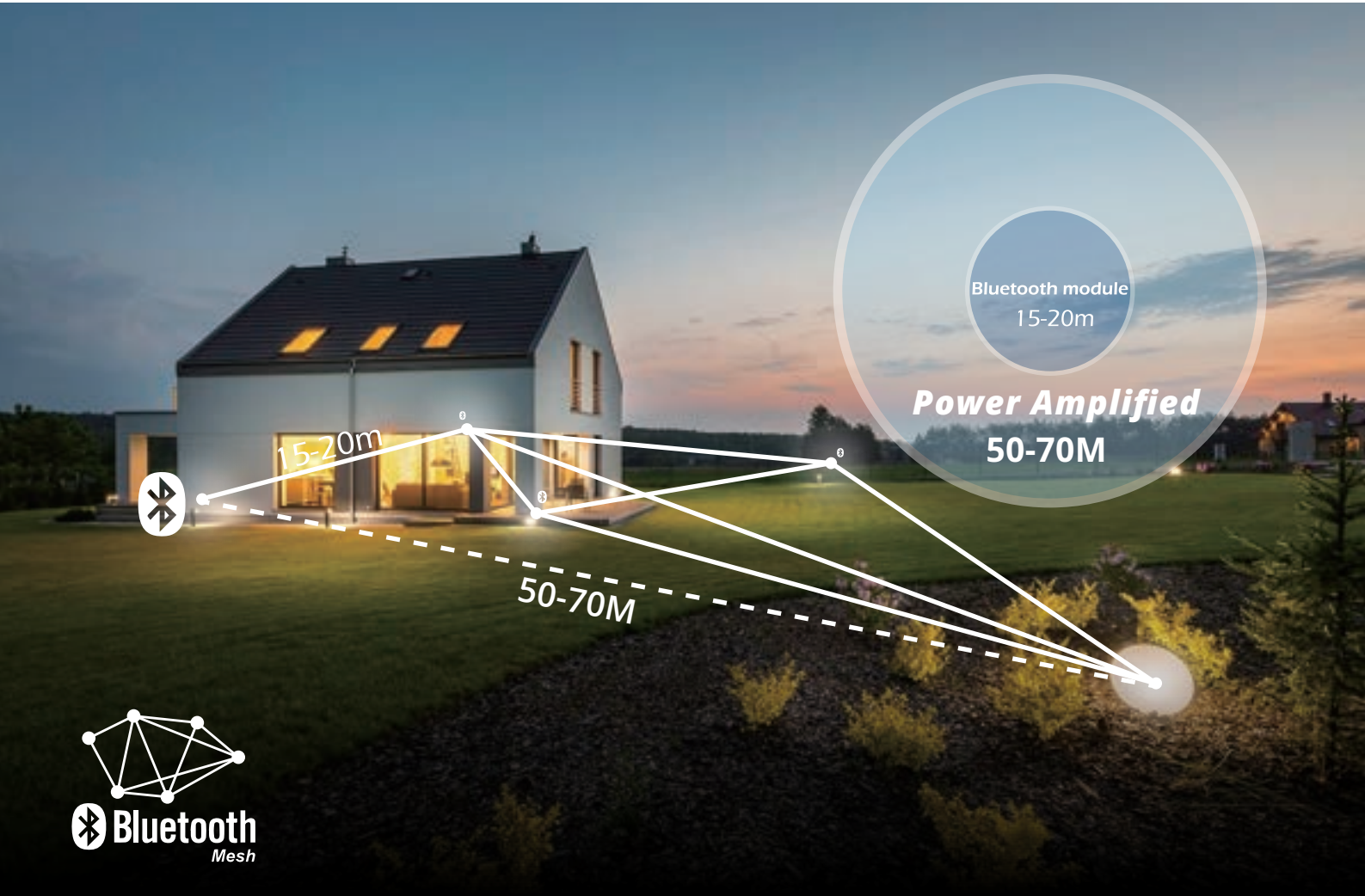
Minibee

Minibee is a system with no APP control. In Minibee, users can control all lights simply by one button on our particularly designed controller. The system is designed for beginners who just try smart lighting control system. The controller is easy to operate:

- ✓ Turn on/off the light by press the button on the controller
- ✓ Dim the light by long press the button
- ✓ Double click the button to tune white color
- ✓ Quick set up and grouping



Module



Camera Module

Wi-Fi Camera + Gateway



Bluetooth module

Home/light fixture
short Range :15-20M



BM021



BM023



BM029

PA module

Sealed/High isolation
Long Range :50-70M



BM026



BM027

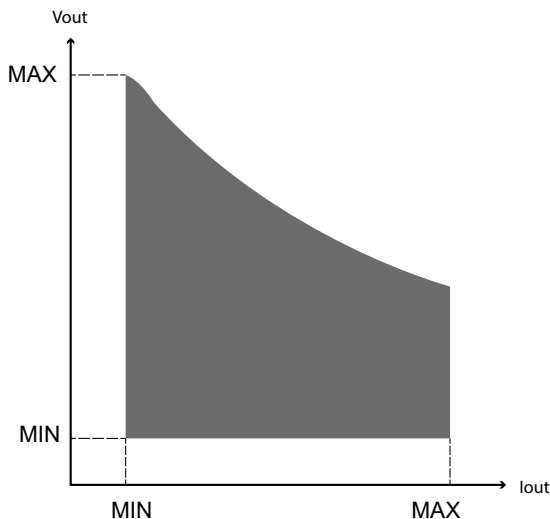
NEW

SMART DRIVER



Features

Wide Range Working Voltage & Current



Our drivers cover a various applications so it is easier to decide the right product in stock. To achieve this purpose, we adopt the newest design to create the maximum flexibility and covers most the operating points within the voltage range. It is then possible to maintain reduced stock levels and still be able to choose a driver that is not only suitable but also more efficient.



Easy configuration

Near Field Communication (NFC) is popular in luminaire production, as programming driver settings using NFC provides significant time savings. Using the leading edge technology, the output current can be adjusted in 1mA increments.





Flexible Installation

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.



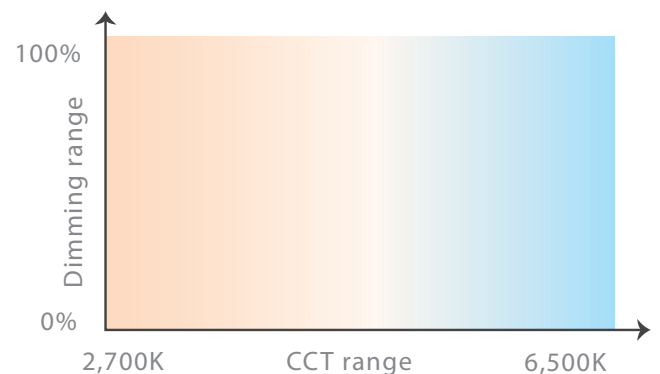
Enhanced Wireless Communication

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



Dimming & Tunable White, RGB

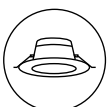
In addition to traditional dimming drivers, we also provide smart drivers to control CCT and RGB (under development) based on the needs from luminaire manufacturers.



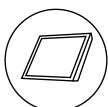
Application



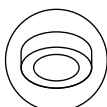
Indoor



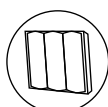
Recessed Lamp



Surface Mounted
Light



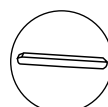
DownLight



Troffer



Track Light



Batten Light

12W Constant Power Smart Driver



The most compact size!!

1 CH

Size(L*W*H mm) : 90*47*25

Input Voltage : 100-277V

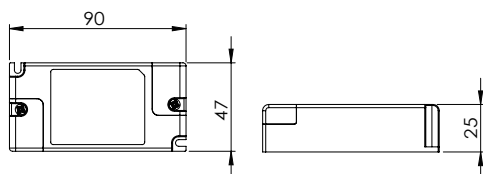
Output Current : 280-570mA

Output Voltage : DC 6-42V

Output Power : 1.7-12W

Dimming range : 0-100%

SELV  **US** **CB** **CE** 



2CH

Size(L*W*H mm) : 90*47*25

Input Voltage : 100-277V

Output Current :

1 CH : 280-570mA

2CH : 280-570mA

Output Voltage : DC 6-42V

Output Power : 1.7-12W

Dimming range : 0-100%

SELV  **US** **CB** **CE** 

25W Constant Power Smart Driver



1 CH

Size(L*W*H mm) : 105*57*29

Input Voltage : 100-277V

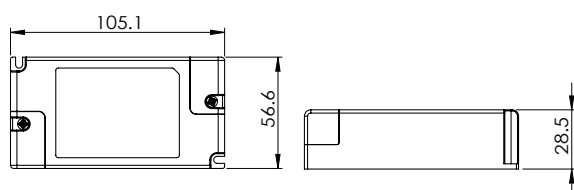
Output Current : 460-920 mA

Output Voltage : DC 6-54V

Output Power : 2.8-25W

Dimming range : 0-100%

SELV  **US** **CB** **CE** 



2CH

Size(L*W*H mm) : 105*57*29

Input Voltage : 100-277V

Output Current :

1 CH : 460-920 mA

2 CH : 460-920 mA

Output Voltage : DC 6-54V

Output Power : 2.8-25W

Dimming range : 0-100%

SELV  **US** **CB** **CE** 

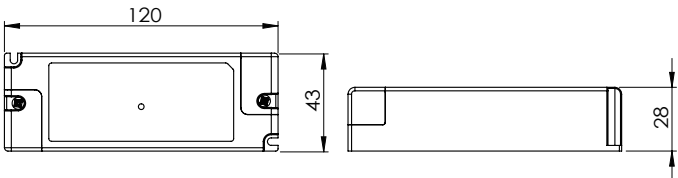
40W Constant Power Smart Driver

1 CH



Size(L*W*H mm) : 120*43*28
Input Voltage : 100-277V
Output Current : 740-1480 mA
Output Voltage : DC 12-54V
Output Power : 8.9-40W
Dimming range : 0-100%

SELV cULus CB CE ENEC



2CH

Size(L*W*H mm) : 120*43*28
Input Voltage : 100-277V
Output Current :
1 CH : 740-1480 mA
2 CH : 740-1480 mA
Output Voltage : DC 12-54V
Output Power : 8.9-40W
Dimming range : 0-100%

SELV cULus CB CE ENEC

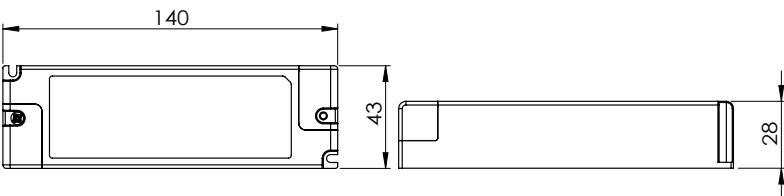
60W Constant Power Smart Driver

1 CH



Size(L*W*H mm) : 140*43*28
Input Voltage : 100-277V
Output Current : 1100-2200 mA
Output Voltage : DC 15-54V
Output Power : 17-60W
Dimming range : 0-100%

SELV cULus CB CE ENEC

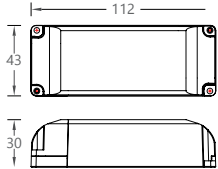


2CH

Size(L*W*H mm) : 140*43*28
Input Voltage : 100-277V
Output Current :
1 CH : 1100-2200 mA
2 CH : 1100-2200 mA
Output Voltage : DC 15-54V
Output Power : 17-60W
Dimming range : 0-100%

SELV cULus CB CE ENEC

1-10V 4 Channel Adapter With Relay



Part Number	Input Voltage	Input Voltage	Max Load	Transmission Range	Operating Environment
BLI-ET-04DC0010H-BT01	100-240V	Same as Input Voltage	4.55A	15-30M	-20°C~45°C 5~80%RH

Features

- Support 1-10V CC dimming driver, 4*ch
- Relay Function
- Connect Fixture to BLTC Network



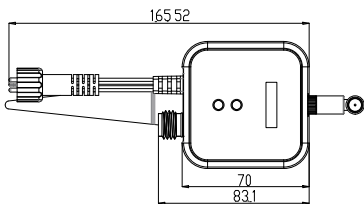
12V Outdoor Relay



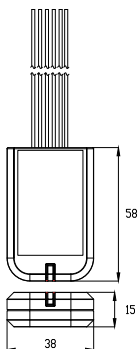
Part Number	Input Voltage	Max Load	Transmission Range	Operating Environment
BLI-REL-V12-BT01	12V AC/DC	12.5A	30-50M	-20°C~45°C 5~80%RH

Features

- Relay Function
- Connect Fixture to BLTC Network



0-10V Dimmable & Tunable Adapter



Part Number	Input Voltage	Transmission Range	Operating Environment
BLI-ET-V12-BT01	12V AC/DC	15-30M	-20°C~45°C 5~80%RH

Features

- 0-10V Dimming Tuning Signal output
- Connect Fixture to BLTC Network



LED Stripe Adapter 12V/24V 1-5 CH 2A/CH



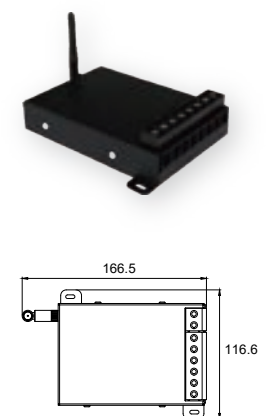
Part Number	Input Voltage	Input Voltage	Max Load	Transmission Range	Operating Environment
BLIETV1224DBT	12/24V DC	Same as Input Voltage	2A per Channel	15-30M	-20°C~45°C 5~80%RH

Features

- Connect LED Stripe to BLTC Network
- 1-5 Channel color changing/dimming by App or controller
- Max 48W @ 24V, 24W @ 12V



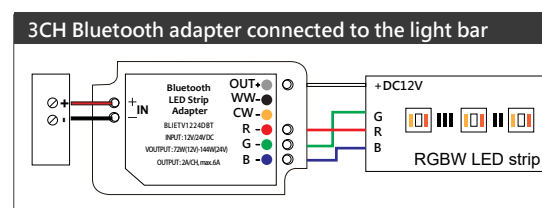
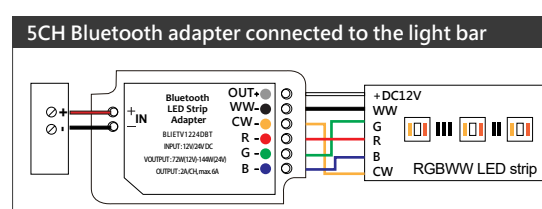
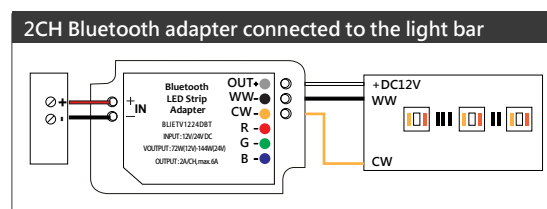
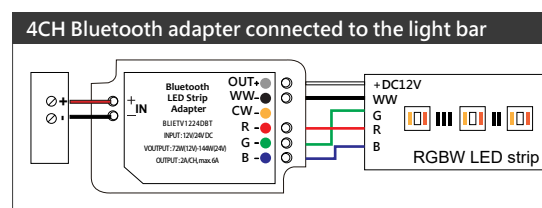
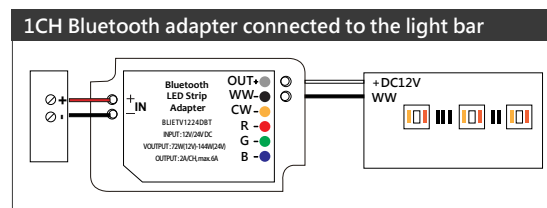
LED Stripe Adapter 12V/24V 1-5 CH 10A/CH



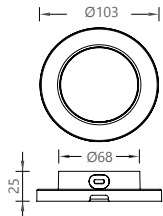
Part Number	Input Voltage	Input Voltage	Max Load	Transmission Range	Operating Environment
BLIETV1224DBTL	12/24V DC	Same as Input Voltage	10A per Channel	30-50M	-20°C~45°C 5~80%RH

Features

- Connect LED Stripe to BLTC Network
- 1-5 Channel color changing/dimming by App or controller
- Max 240W @ 24V, 120W @ 12V



Indoor Repeater



Part Number

BLI-ER-MU05-BT01

Power Supply

Micro USB

Transmission Range

30-50M

Operating Environment

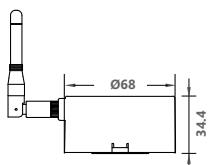
-20°C~45°C
5~80%RH

Features

- Strengthen Bluetooth signal power
- Enlarge the control area



Outdoor Repeater



Part Number

BLI-ERO-V12-BT01

Power Supply

12V
AC/DC

Transmission Range

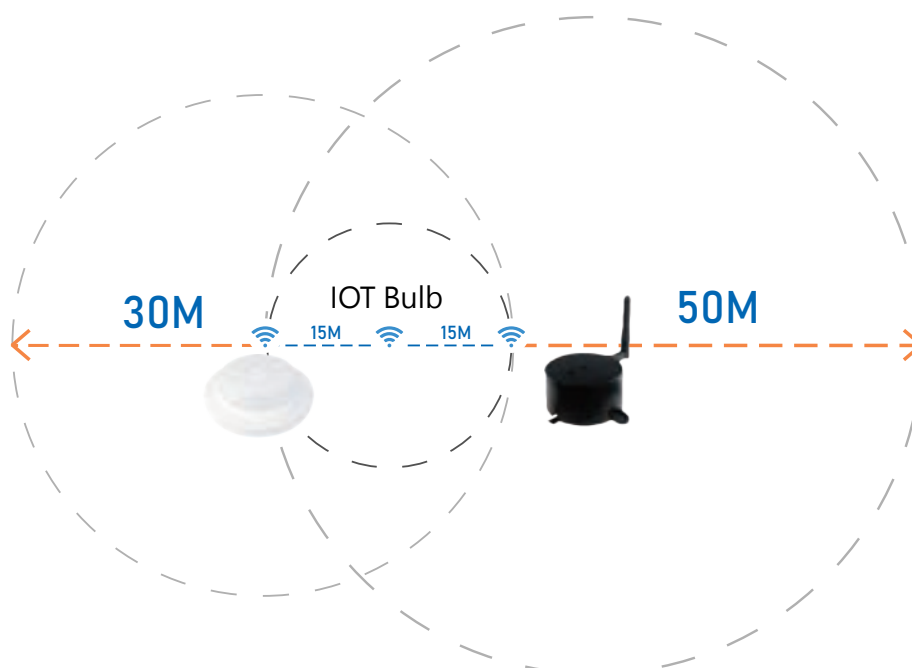
50-70M

Operating Environment

-20°C~45°C
5~80%RH

Features

- Strengthen Bluetooth signal power
- Enlarge the control area
- IP65 Protection



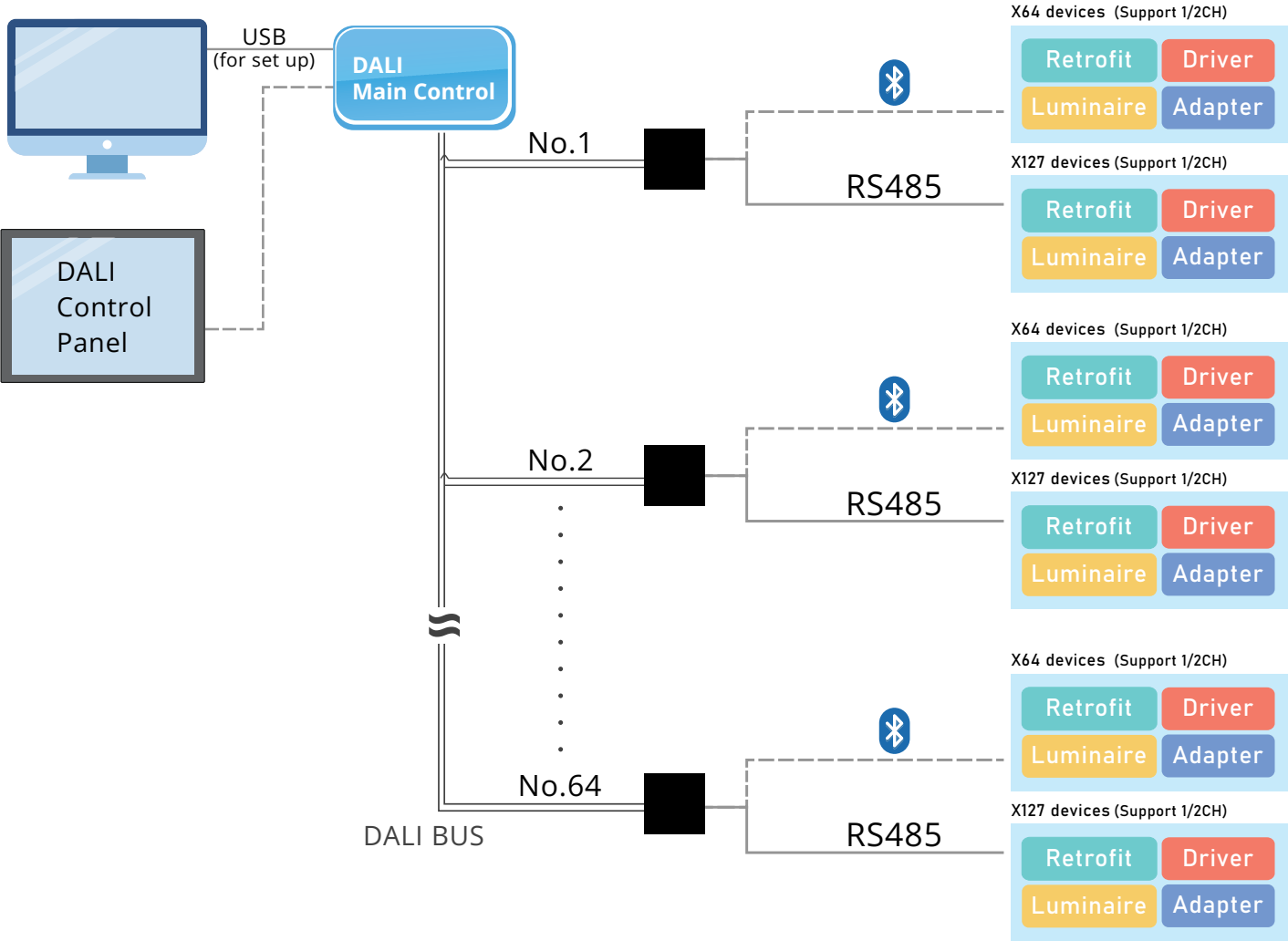
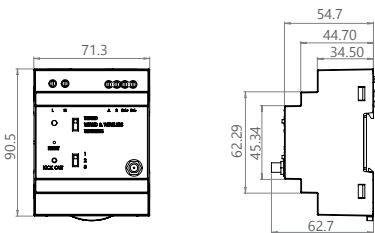
DALI Repeater



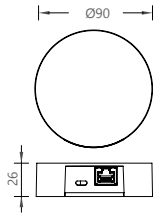
Part Number	Power Supply	Transmission Range	Operating Environment
BLI-DALIER-H-BT01	100-240V	50-70M	-20°C~45°C 5~80%RH

Features

- Convert DALI signal to Bluetooth signal
- Enlarge DALI control of BLTC smart lighting network



GATEWAY Desk Type /Ceiling Type



Part Number

BLI-GW-MU05-M01

Input Voltage

5V DC
Mirco USB

BT Range

30-50M

Wifi Range

10-15M

Operating Environment

-20°C~45°C
5~80%RH

Features

- Bridge between Internet & Mesh Network



GATEWAY Wire Type



Part Number

BLI-GW-V12-BT01

Input Voltage

12V

Sensor Range

5-10M

Transmission Range

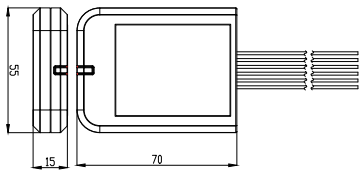
30-50M

Operating Environment

-20°C~45°C
5~80%RH

Features

- Bridge between Internet & Mesh Network
- 0-10V dimming and tuning signal output



GATEWAY Touch Panel



Part Number

BLI-GW-H-BT01

Input Voltage

12V

Sensor Range

5-10M

Transmission Range

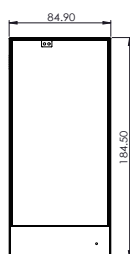
30-50M

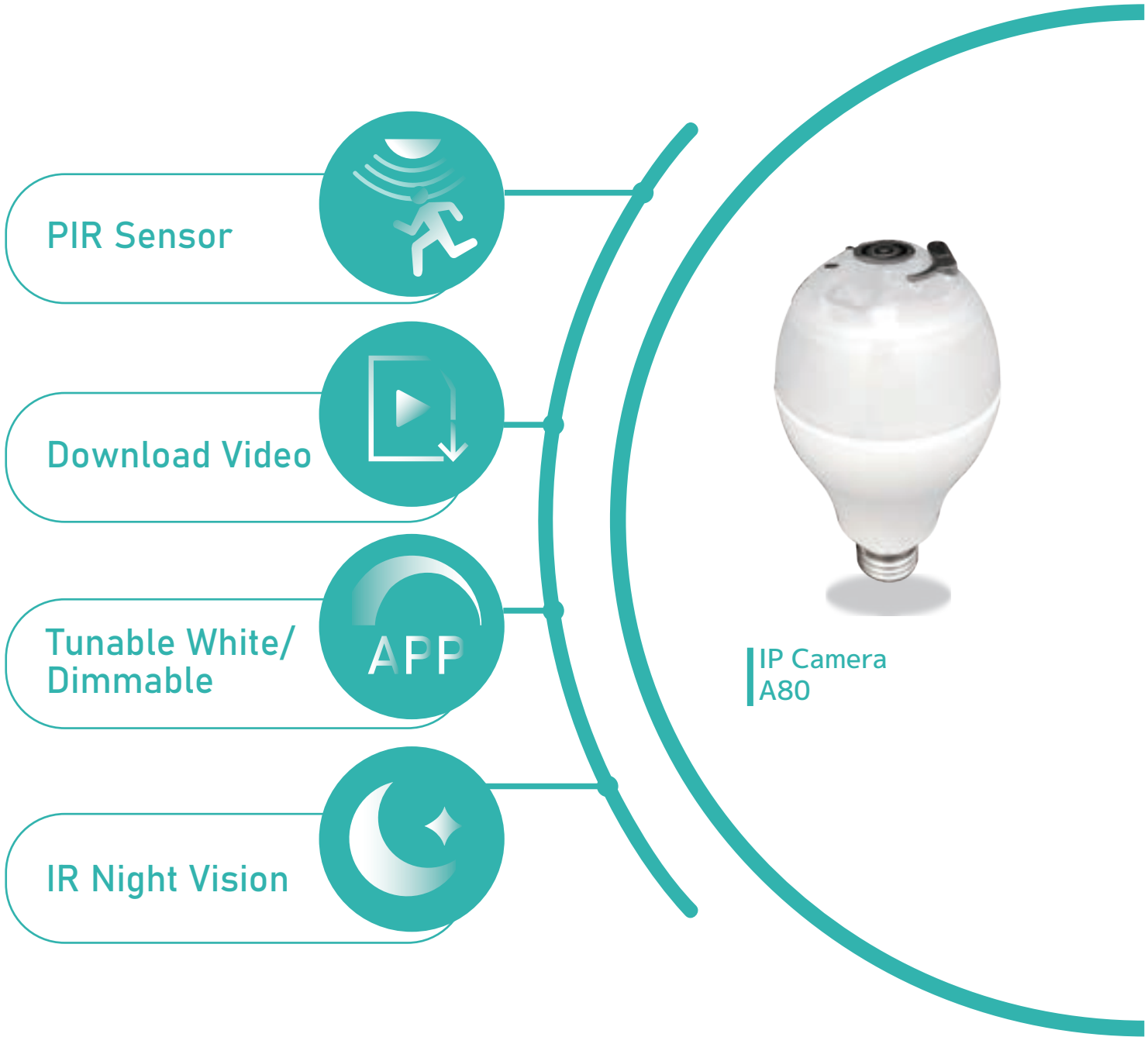
Operating Environment

-20°C~45°C
5~80%RH

Features

- Bridge between Internet & Mesh Network





IP Camera A80



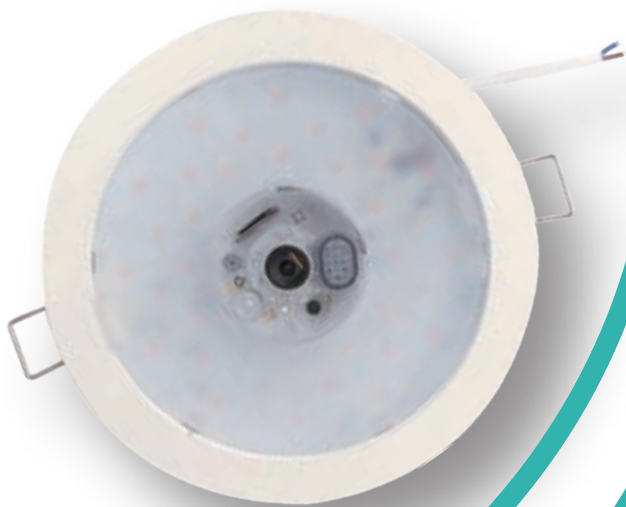
Part Number	Voltage	Power	Flux	Beam Angles	Candela (CBCP)	Power Factor
BLV8027P25-02765W3602HM	100-240V	16.0W	1080lm	215°	105	>0.9



<



IP Camera
Downlight



Light sensor



External
Micro SD Card

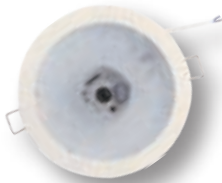


360° View
Fish eyes

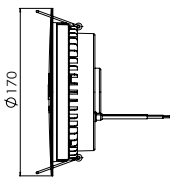
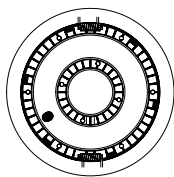


2-Way Voice

IP Camera Downlight

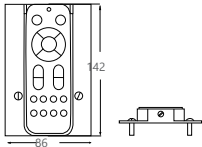


Part Number	Voltage	Power	Flux	Beam Angles	Candela (CBCP)	Power Factor
BLV145D120-T2765W7202H	100- 240V	15.0W	800lm	108°	300	>0.7



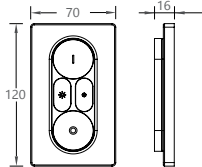
19-Key Remote Controller



Part Number	Power Supply	Transmission Range	Operating Environment
BLI-CR-A4-BT01W	3V DC Battery AAA*2	15-25 M	-20°C~45°C 5~80%RH
 			

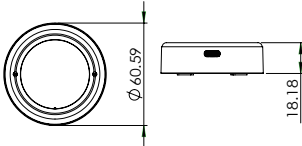
Wall Switch Type Controller



Part Number	Power Supply	Transmission Range	Operating Environment
BLI-CS-CR-BT01	3V DC Battery 2450*1	15-25 M	-20°C~45°C 5~80%RH
 			

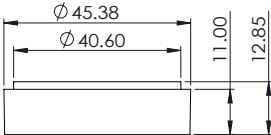
Voice Controller



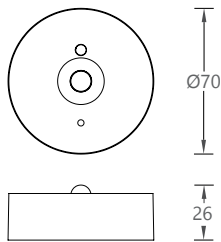
Part Number	Power Supply	Voice Control Raunge	Transmission Range
BLI-VCR-MU05-BT01	5V DC Type C	3-5 M	15-25 M
 			

Minibee Controller



Part Number	Power Supply	Transmission Range	Operating Environment
BLI-CS-CR-BT41W	Battery DC 3V	15-25 M	-20°C~45°C 5~80%RH
 			

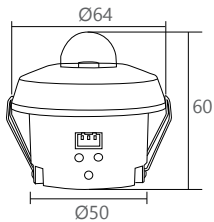
PIR & Light Sensor



Part Number	Input Voltage	Sensor Range	Transmission Range	Operating Environment
BLI-SPL-A4MU05-BT01	5VDC Mirco USB or Battery AAA*2	3-5 M	18-30M	-20°C~45°C 5~80%RH



PIR & Light Sensor 0-10V Adapter



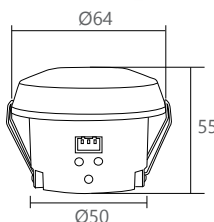
Part Number	Input Voltage	Sensor Range	Transmission Range	Operating Environment
BLI-SPL-H-BT01	100-240V	2-3.5 M	18-30M	-20°C~45°C 5~80%RH
BLI-SPL-V12-BT01	12V			

Features

- PIR Detection
- Light Detection
- 0-10V Dimming & Tuning



PIR & Light Sensor 0-10V Adapter



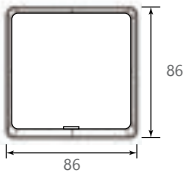
Part Number	Input Voltage	Sensor Range	Transmission Range	Operating Environment
BLI-SPM-H-BT01	100-240V	3-5 M	18-30M	-20°C~45°C 5~80%RH
BLI-SPL-V12-BT01	12V			

Features

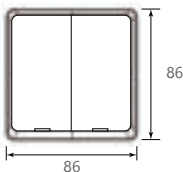
- Microwave Detection
- Light Detection
- 0-10V Dimming & Tuning



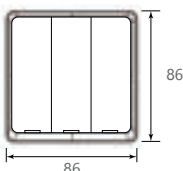
Smart Switch Movable-1 Gang

	Part Number	Input Voltage	No.of Gang	Working Range	Wireless Protocol
	BLI-CS-CR-BT03	CR2430 DC3V	1	25m open area	Bluetooth Mesh 4.2
		     			

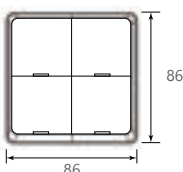
Smart Switch Movable-2 Gang

	Part Number	Input Voltage	No.of Gang	Working Range	Wireless Protocol
	BLI-CS-CR-BT04	CR2430 DC3V	2	25m open area	Bluetooth Mesh 4.2
		     			

Smart Switch Movable-3 Gang

	Part Number	Input Voltage	No.of Gang	Working Range	Wireless Protocol
	BLI-CS-CR-BT05	CR2430 DC3V	3	25m open area	Bluetooth Mesh 4.2
		     			

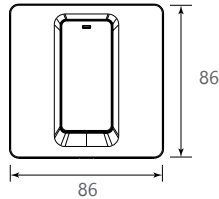
Smart Switch Movable-4 Gang

	Part Number	Input Voltage	No.of Gang	Working Range	Wireless Protocol
	BLI-CS-CR-BT02	CR2430 DC3V	4	25m open area	Bluetooth Mesh 4.2
		     			

Smart Switch 86 Type -1 Gang



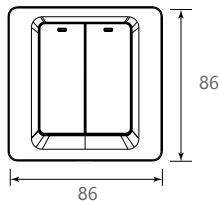
Part Number	Input Voltage	Power Rating	No.of Gang	Working Range	Wireless Protocol
BLI-CS-H2-BT01	200-240V	600W/Gang	1	25m open area	Bluetooth Mesh 4.2



Smart Switch 86 Type -2 Gang



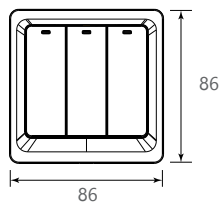
Part Number	Input Voltage	Power Rating	No.of Gang	Working Range	Wireless Protocol
BLI-CS-H2-BT02	200-240V	600W/Gang	2	25m open area	Bluetooth Mesh 4.2



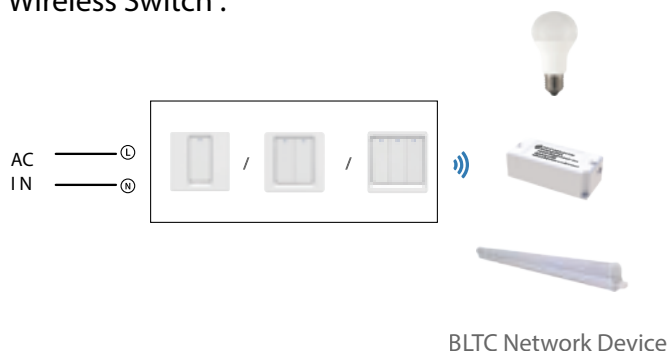
Smart Switch 86 Type -3 Gang



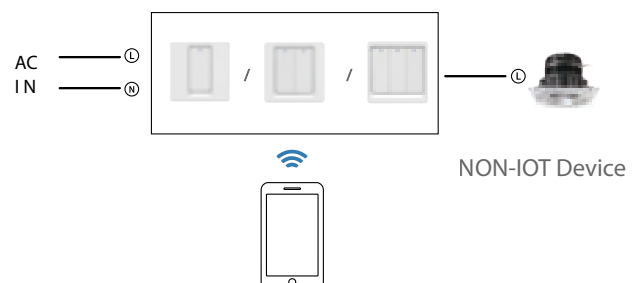
Part Number	Input Voltage	Power Rating	No.of Gang	Working Range	Wireless Protocol
BLI-CS-H2-BT03	200-240V	600W/Gang	3	25m open area	Bluetooth Mesh 4.2



Wireless Switch :



Wireless Relay :



Smart G4 10W Halogen Equivalent



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Power Factor
BLVG440D120-NVW405LBT1							
BLVG440D120-O2757W205LBT1	12V	1.4W	120lm	120lm	120°	46	>0.7
BLVG440D120-NRGBVW405LBT1							

Standard

CRI 80

15000hr

Option

CRI 90

CRI 95

CRI 95+



Base Type : G4.0



Smart MR16 35W Halogen Equivalent



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Power Factor
BLV1653X-NVW81LBT1							
BLV1653X-N2765W81LBT1	12V	5W	400lm	360lm	25° / 40° 60°/120°	218 (60°)	>0.7
BLV1653X-NRGBVW81LBT1							
BLV1653X-NRGB2765W81LBT1							

Standard

CRI 80

15000hr

Option

CRI 90

CRI 95

CRI 95+



Base Type : GU5.3



Smart PAR16 35W Halogen Equivalent



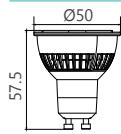
Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Power Factor
BLV1610X-NVW807HBT1							
BLV1610X-N2765W807HBT1	100-240V	4W	400lm	360lm	25°/ 40° 60°/120°	218 (60°)	
BLV1610X-NRGBVW807HBT1							
BLV1610X-NRGB2765W807HBT1							>0.7

Standard

CRI
80

15000hr

Option

CRI
90CRI
95CRI
95+

Base Type : GU10



Smart PAR16 50W Halogen Equivalent



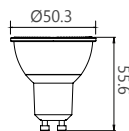
Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Power Factor
BLV1610X-NVW807HBT1	100-240V	5W	480lm	450lm	25°/ 40° 60°	1300 (25°)	>0.7
BLV1610X-N2765W807HBT1							

Standard

CRI
80

15000hr

Option

CRI
90CRI
95CRI
95+

Base Type : GU10

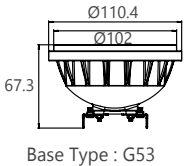


Smart AR111 100W Halogen Equivalent



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Power Factor
BLV11153W-NVW121LBT1PA	12V	11.0W	910lm	890lm	50°	1350	>0.5
BLV11153W-N2765W241LBT1PA							

Standard	CRI 80	15000hr	Option	CRI 90	CRI 95	CRI 95+
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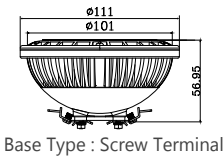


Smart PAR36 80W Halogen Equivalent



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Power Factor
BLV36STW-ORGBVW1208LBTPA	12V	10.0W	850lm	780lm	40°	1300	>0.7

Standard	CRI 80	15000hr	Option	CRI 90	CRI 95
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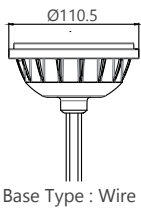
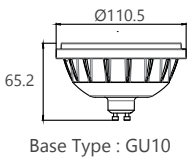


Smart ES111 80W Halogen Equivalent

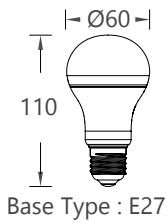


Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Power Factor
BLV11110W-NVW121HBT1PA	100-240V	11.0W	910lm	890lm	50°	1350	>0.5
BLV11110W-N2765W241HBT1PA							

Standard	CRI 80	15000hr	Option	CRI 90	CRI 95	CRI 95+
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Smart A60 60W Incandescent Equivalent



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Power Factor
BLV1927P25-TVW1207HBT1							
BLV1927P25-T2765W2407HBT1	100-240V	8.0W	810lm	810lm	220°	100	>0.7
BLV1927P25-TRGBVW2407HBT1							
BLV1927P25-TRGB2765W3607HBT1							

Standard

CRI
80

15000hr

Option

CRI
90CRI
95

Smart A60 60W Incandescent Equivalent



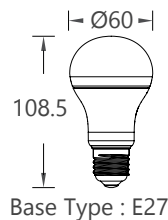
Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Power Factor
BLV1927P25-T2765W2407HBT4	100-240V	8.0W	810lm	810lm	220°	100	>0.7

Standard

CRI
80

15000hr

Option

CRI
90CRI
95

Smart A70 80W Incandescent Equivalent



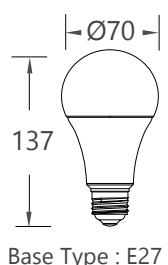
Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Power Factor
BLV2127P25-TVWXX02HBT1							
BLV2127P25-T2765WXX02HBT1	100-240V	12.0W	1260lm	1260lm	120°	100	>0.7
BLV2127P25-TRGBVWXX02HBT1							

Standard

CRI
80

15000hr

Option

CRI
90CRI
95

Smart G45 30W Incandescent Equivalent



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Power Factor
BLVG4527CC-NVW608HBT1	100-240V	4.5W	380lm	380lm	180°	60	>0.7
BLVG4527CC-O2765W41HBT1			380lm	380lm			
BLVG4527CC-NRGBVW806HBT1			350lm	350lm			
BLVG4527CC-NRGB2765W806HBT1			350lm	350lm			

Standard

CRI 80

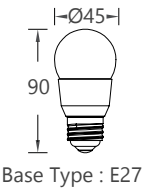
15000hr

Option

CRI 90

CRI 95

CRI 95+



Smart B35 35W Incandescent Equivalent



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Power Factor
BLV8314CC-NVW608HBT1	100-240V	4.5W	380lm	380lm	180°	60	>0.7
BLV8314CC-O2765W406HBT1			380lm	380lm			
BLV8314CC-NRGBVW806HBT1			350lm	350lm			
BLV8314CC-NRGB2765W806HBT1			350lm	350lm			

Standard

CRI 80

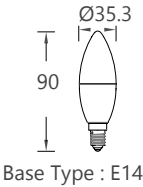
15000hr

Option

CRI 90

CRI 95

CRI 95+



Smart BR30 60W Incandescent Equivalent



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Power Factor
BLV3027D120-TVW1205HBT1							
BLV3027D120-T2765W2405HBT1	100-240V	8W	700lm	700lm	120°	220	>0.7
BLV3027D120-TRGB2765W3005HBT1							

Standard



Option



Base Type : E27



Smart BR40 80W Incandescent Equivalent

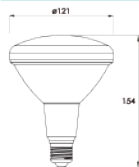


Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Power Factor
BLV4027D120-TVW1205HBT1							
BLV4027D120-T2765W2405HBT1	100-240V	14W	1050lm	1050lm	120°	290	>0.7
BLV4027D120-TRGBW27653005HBT1							

Standard



Option



Base Type : E27



Smart PAR38 60W Incandescent Equivalent

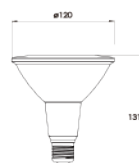


Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Power Factor
BLV3827M-NVW1606HBT1							
BLV3827M-N2765W3206HBT1	100-240V	12W	850lm	850lm	30°	-	>0.7

Standard



Option



Base Type: E27



Smart GX53 75mm 13W CFL Equivalent



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Power Factor
BLVG53D120-NVW906HBT1	100-240V	5.3W	600lm	600lm	115°	-	>0.7
BLVG53D120-N2765W1806HBT1	100-240V	5.3W	600lm	600lm	115°	-	>0.7

Standard

CRI 80

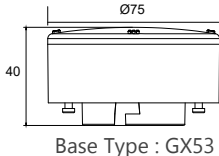
15000hr

Option

CRI 90

CRI 95

CRI 95+





Smart GX53 90mm 18W/26W CFL Equivalent



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Power Factor
BLVG53D120-N2765W241H1BT1	100-240V	8.0W	790lm	790lm	115°	-	>0.7
BLVG53D120-NRGB2765W301H1BT1		8.0W	790lm	790lm			
BLVG53D120-N2765W361H1BT1		10.0W	1100lm	1100lm			
BLVG53D120-NRGB2765W421H1BT1		10.0W	1100lm	1100lm			

Standard

CRI 80

15000hr

Option

CRI 90

CRI 95

CRI 95+

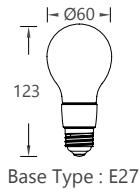




Smart Filament A60



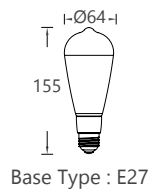
Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Power Factor
BLFA6027GO-EFW41H2BT1	200-240V	3.5W	350lm	440lm	260°	-	>0.5
BLFA6027BB-T226541H2BT1				440lm			
Standard	CRI 80	15000hr			Option	CRI 90	CRI 95



Smart Filament ST64



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Power Factor
BLFST6427GO-EFW41H2BT1	200-240V	3.5W	350lm	450lm	300°	-	>0.7
BLFST6427BB-T2265W41H2BT1				450lm			
Standard	CRI 80	15000hr			Option	CRI 90	CRI 95



Smart Filament G95



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Power Factor
BLFA6027GO-EFW41H2BT1	200-240V	3.5W	350lm	440lm	260°	-	>0.7
BLFA6027BB-T226541H2BT1				440lm			

Standard

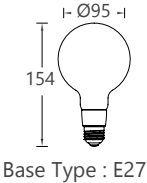
CRI 80

15000hr

Option

CRI 90

CRI 95



Smart Filament B35



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Power Factor
BLFB3514GO-EFW41H2BT1	200-240V	2.5W	220lm	440lm	300°	-	>0.7
BLFB3514BB-T2265W41H2BT1				260lm			

Standard

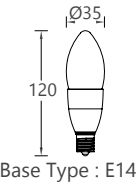
CRI 80

15000hr

Option

CRI 90

CRI 95



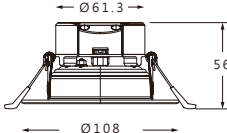
Smart Adjustable Downlight



Part Number	Voltage	Power	Flux	Beam Angles	Candela (CBCP)	Power Factor
BLV68W-TVWHBT1DR95	100-240V	8.0W	600lm	40°	760	>0.7
BLV68W-T2740WHBT1DR95			560lm			
Standard CRI 80 15000hr				Option CRI 90 CRI 95		
   						

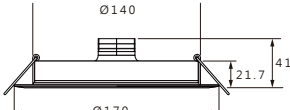
Smart Downlight 9cm



Part Number	Voltage	Power	Flux	Beam Angles	Candela (CBCP)	Power Factor
BLL74D120-TVW1208HBT1	100-240V	10.0W	800lm	180°	250	>0.7
BLL74D120-T2765W2404HBT1						
BLL74D120-TRGBVW1805HBT1						
BLL74D120-TRGB2765W3007HBT1						
Standard CRI 80 15000hr Option CRI 90 CRI 95						
 						

Smart Downlight 15cm

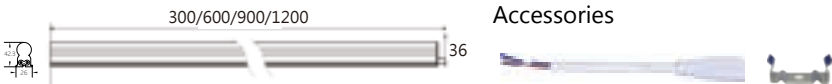


Part Number	Voltage	Power	Flux	Beam Angles	Candela (CBCP)	Power Factor
BLL145D120-TVW2402HBT1	100-240V	16.0W	1000lm	120°	350	>0.7
BLL145D120-T2765W4802HBT1						
Standard	CRI 80 15000hr			Option	CRI 90 CRI 95	
 						

Smart T5 Batten



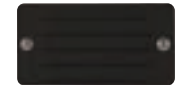
Part Number	Voltage	Power	Flux	Beam Angles	Candela (CBCP)	Power Factor
 BLVT510300-T2765W3205HBT1(1ft)	100-240V	4.0W	400lm	148°	74	>0.5
 BLVT520600-T2765W5605HBT1(2ft)		8.5W	850lm		175	
 BLVT530900-T2765W8805HBT1(3ft)		12.5W	1350lm		276	
 BLVT5401200-T2765W12005HBT1(4ft)		17.0W	1700lm		344	
Standard	 			Option	 	



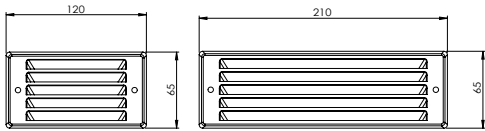
Accessories



Smart Step light



Part Number	Voltage	Power	Flux	Power Factor
BLVFLODD120-TVW605LBT1(5")	12V	2.5W	140lm	>0.5
BLVFLODD120-T2765W1205LBT1(5")		2.5W	140lm	
BLVFLODD120-TVW1205LBT1(9")		5.0W	300lm	
BLVFLODD120-T2765W24051LBT1(9")		5.0W	300lm	
Standard	CRI 80 15000hr		Option	CRI 90 CRI 95



Accessories



Elite

{Commercial Lighting}



MR8 20W Halogen Equivalent



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
BLV840SS-NWW31L	12V	2.5W	270lm	250lm	15°	2275	Limited	>0.5
BLV840M-NWW31L					30°	720		
BLV840W-NWW31L					40°	420		

Standard

CRI 80

CCT 3000

40000hr

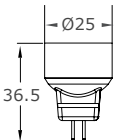
Option

CRI 90

CRI 95

CRI 95+

CCT 2200
↕
6500



Base Type : GU4.0

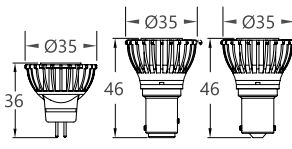
Mini Spot

SPoT Focus

COLOR PRO

CE

MR11 20W Halogen Equivalent



Base Type : GU4.0 BA15D BA15S

Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor	
BLV11XXM-NVW31L	12V	3.0W	250lm	225lm	13°	1750	Limited	>0.5	
BLV11XXM-NVW31L					25°	520			
BLV11XXW-NVW31L					30°	342			
Standard	CRI 80	CCT 2700	40000hr	Option					
	CRI 90	CRI 95	CRI 95+	CCT 2200 3 6500					

Mini SpotSPoT FocusCOLOR PROCE

MR11 35W Halogen Equivalent



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
BLV1140M-NVW41L	12V	4.5W	380lm	340lm	25°	1670	Limited	>0.5
BLV1140W-NVW41L					30°	1005		

Standard

CRI 80

CCT 2700

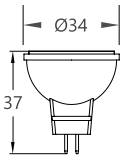
40000hr

Option

CRI 90

CRI 95

CCT 2200 & 6500



Base Type : GU4.0

Mini Spot

COLOR PRO

CE

MR11 35W Halogen Equivalent High Illuminance



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
BLV1140SS-NVW41L17	12V	4.0W	300lm	270lm	10°	4440	Limited	>0.5
Standard CRI 80 CCT 2700 40000hr Option CRI 90 CRI 95 CCT 2200 / 6500								
SPoT Focus Mini Spot CE								

MR16 50W COB Halogen Equivalent High Illuminance

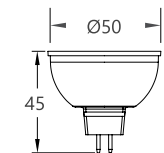


Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
BLV1653SSA-CVW8L	12V	7.0W	525lm	470lm	10°	11670	Limited	>0.7
BLV1653SSA-NVW8LEJ					10°	6500		
BLV1653M-NVW8LEJ	12V	7.5W	600lm	540lm	20°	3000	Limited	>0.7
BLV1653W-NVW8LEJ					30°	1700		
BLV1653WD-NVW8LEJ					30°	610		
Standard CRI 80 CCT 2700 40000hr Option CRI 90 CRI 95 CCT 2200 / 6500								
SPoT Focus Sealed Fixture Allowed CE								

MR16 50W Halogen Equivalent (Dimming Version)



Part Number		Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
BLV1653SS-CVW6L		12V	6.5W	480lm	430lm	10°	8400	Perfect	>0.7
BLV1653SS-NVW6L		12V	6.0W	435 lm	390lm	10°	5030	Perfect	>0.9
BLV1653M-NVW6L						30°	1315		
Standard	CRI 80	CCT 2700				Option	CRI 90	CRI 95	CCT 2200 ~ 6500



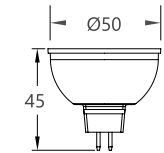
Base Type : GU5.3



MR16 50W Halogen Equivalent High Illuminance



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor	
BLV1653SS-NVW5L	12V	5.5W	550lm		10°	7500	YES	>0.7	
BLV1653M-NVW5L					30°	1700			
BLV1653W-NVW807L					40°	1100			
BLV1653WW-NVW807L	12V	5.5W	550lm		60°	700	YES	>0.7	
BLV1653D120-NVW807L					100°	180			
Standard	CRI 80	CCT 2700	 40000hr		Option	CRI 90	CRI 95	CRI 95+	CCT 2200 ~ 6500



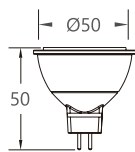
Base Type : GU5.3



MR16 3LED 20W Halogen Equivalent



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
BLM1653M-NVW32L	12V	4.0W	360lm	300lm	20°	1195	Limited	>0.7
BLM1653W-NVW32L					40°	490		
BLM1653WD-NVW32L					60°	185		
BLM1653D120-NVW32L					100°	95		
Standard					Option			
CRI 80 CCT 2700 40000hr					CRI 90 CRI 95 CRI 95+ CCT 2200 / 6500			



Base Type : GU5.3

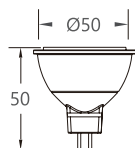
COLOR PRO



MR16 6LED 35W Halogen Equivalent



BLM1653M-NVW61L	12V	5.5W	480lm	440lm	20°	1840	Limited	>0.7
BLM1653W-NVW61L					40°	815		
BLM1653WD-NVW61L					60°	295		
BLM1653D120-NVW61L					100°	150		
Standard					Option			
CRI 80 CCT 2700 40000hr					CRI 90 CRI 95 CRI 95+ CCT 2200 / 6500			



Base Type : GU5.3

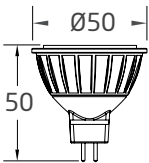
COLOR PRO



MR16 6LED 35W Halogen Equivalent High Efficiency



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor		
BLM1653M-NVW62L	12V	4.5W	440lm	400lm	20°	1195	Limited	>0.7		
BLM1653W-NVW62L					40°	490				
BLM1653WD-NVW62L					60°	185				
BLM1653D120-NVW62L					100°	95				
Standard	CRI 80	CCT 2700		Option			CRI 90	CRI 95	CRI 95+	CCT 2200 1 6500



Base Type : GU5.3



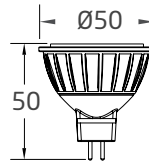
Sealed Fixture Allowed



MR16 8LED 50W Halogen Equivalent



BLM1653M-NVW81L	12V	7.5W	650lm	590lm	20°	1840	Limited	>0.9				
BLM1653W-NVW81L					40°	815						
BLM1653WD-NVW81L					60°	295						
BLM1653D120-NVW81L					100°	150						
Standard								Option				
	CRI 80	CCT 2700	 40000hr						CRI 90	CRI 95	CRI 95+	CCT 2200 1 6500



Base Type : GU5.3



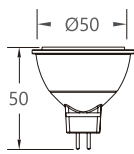
Sealed Fixture Allowed



MR16 COB 50W Halogen Equivalent



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor		
BLM1653M-NVW7L	12V	7.0W	660lm	600lm	25°	2100	Limited	>0.9		
BLM1653W-NVW7L					40°	1200				
BLM1653WD-NVW7L					65°	550				
BLM1653D120-NVW7L					105°	260				
Standard	CRI 80	CCT 2700	 40000hr	Option			CRI 90	CRI 95	CRI 95+	CCT 2200 / 6500



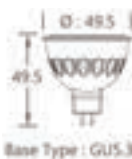
Base Type : GU5.3



MR16 50W Halogen Equivalent Universal Voltage



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor	
BLM1653M-TWW81H90	100-240V	5.5W	500lm	420lm	25°	1750	NO	>0.9	
BLM1653W-TWW81H90					40°	803			
Standard	CRI 80	CCT 3000	 40000hr	Option		CRI 90	CRI 95	CRI 95+	CCT 2200 6500



Base Type : GU5.3



MR16 50W Halogen Equivalent Angle Adjustable



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor		
BLM1653AD-NVW6L	12V	6.0W	500lm	380lm	20°-50°	1600-360	YES	>0.9		
Standard	CRI80	CCT2700	40000hr	Option			CRI90	CRI95	CRI95+	CCT22006500



Base Type : GU5.3



Side Bi-Pin 30W Halogen Equivalent



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
BLMG440D120-NVW307L	12V	2.6W	250lm	220lm	100°	65	Limited	>0.6

Standard	CRI 80	CCT 2700	40000hr	Option	CRI 90	CRI 95	CRI 95+	CCT 2200 2 6500
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Diameter (Ø) : 29mm
Base Type : G4.0



Side Bi-Pin 40W Halogen Equivalent



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
BLMG440D120-NVW407L	12V	3.0W	300lm	270lm	100°	85	Limited	>0.6

Standard	CRI 80	CCT 2700	40000hr	Option	CRI 90	CRI 95	CRI 95+	CCT 2200 2 6500
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G4 10W Halogen Equivalent



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
BLMG440CC-NVW07L	12V	1.1W	120lm	120lm	110°	10	Limited	>0.6
BLMG440BB-NVW07L	12V	1.1W	120lm	120lm	110°	10	Limited	>0.6

Standard

CRI 80

CCT 2700

40000hr

Option

CRI 90

CRI 95

CRI 95+

CCT 2200
↓
6500



Base Type : G4.0

**COLOR
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G4 Lamp 20W Halogen Equivalent



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
BLMG440CC-NVW307L	12V	1.3W	135lm	-	235°	45	NO	>0.6
BLMG440BB-NVW307L	12V	1.3W	135lm	-	235°	45	NO	>0.6

Standard

CRI 80

CCT 2700

40000hr

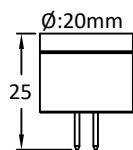
Option

CRI 90

CRI 95

CRI 95+

CCT 2200
↓
6500



Base Type : G4.0

**COLOR
PRO**


G4 30W Halogen Equivalent



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
BLMG440CC-NVW407L	12V	2.5W	210lm	-	280°	35	NO	>0.6

Standard

CRI 80

CCT 2700

40000hr

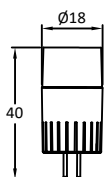
Option

CRI 90

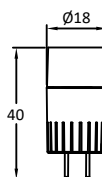
CRI 95

CRI 95+

CCT 2200
↓
6500



G4



GY6.35

**COLOR
PRO**


G4 30W Halogen Equivalent - Shell-less Version



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor	
BLMG440PP-TWW1801L	12V	2.5W	235lm	235lm	300°	25	NO	>0.6	
Standard	CRI 80	CCT 2700	40000hr			Option	CRI 90	CRI 95	CCT 2200 6500



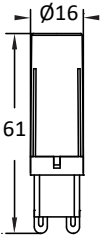
Base Type : G4.0



G9 30W Halogen Equivalent



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor	
TWM16G9BB-TVW3304H2DM2	200-240V	2.0W	250lm	250lm	300°	40	Limited	>0.6	
Standard	CRI80	CCT2700	40000hr			Option	CRI90	CRI95	CCT2200 6500



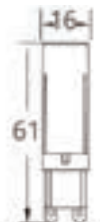
Base Type : G9



G9 50W Halogen Equivalent



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
TWM16G9BB-TVW4804H2DM2	200-240V	3.0W	350lm	350lm	300°	-	Limited	>0.7
Standard	CRI 80 CCT 2700 40000hr					Option	CRI 90 CRI 95 CCT 2200 6500	



Base Type : G9



AR70 50W Halogen Equivalent



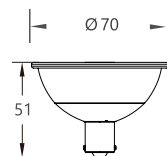
Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
BLV7015DSS-NVW7LE	12V	7.5W	650lm	590lm	10°	7415	Limited	>0.7
BLV7015DM-NVW7LE					20°	2895		
BLV7015DW-NVW7LE					35°	1560		
BLV7015DWW-NVW7LE					60°	594		

Standard

CRI
80CCT
2700

40000hr

Option

CRI
90CRI
95CCT
2200
6500

Base Type : BA15D



AR111 75W Halogen Equivalent



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
BLM11153W-TNW2005L	12V	10.5W	1100lm	850lm	50°	1000	Limited	>0.7

Standard

CRI
80CCT
4000

40000hr

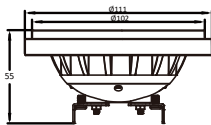
Option

CRI
90CRI
95CCT
2200
6500

Base Type : G53



AR111 100W Halogen Equivalent

	Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor		
	BLM11153M-NVW1607LET					25°	3405				
	BLM11153W-NVW1607LET	12V	16.0W	1100lm	1000lm	40°	1970	Limited	>0.7		
	BLM11153WD-NVW1607LET					60°	975				
Standard		CRI 80	CCT 2700	40000hr	Option		CRI 90	CRI 95	CRI 95+	CCT 2200 6500	
											
Base Type : G53											

AR111 125W Halogen Equivalent



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
BLM11153M-NVW23LET	12V	23.0W	1900lm	1700lm	25°	6300	Limited	>0.9
BLM11153W-NVW23LET					40°	3000		

Standard

CRI80

CCT2700

40000hr

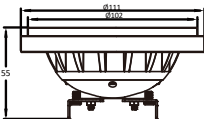
Option

CRI90

CRI95

CRI95+

CCT2200
±6500



Base Type : G53

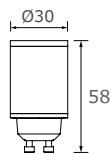




PAR9 GU10 35W Halogen Equivalent



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor			
BLV910M-NVW5H2DM2	200-240V	4.5W	450lm	410lm	20°	2200	YES	>0.7			
BLV910W-NVW5H2DM2					30°	1450					
BLV910WW-NVW5H2DM2					50°	500					
Option											
BLV910SP-NVW5H2DM2					-	-					
Standard	CRI 80	CCT 2700	40000hr					CRI 90	CRI 95	CRI 95+	CCT 2200 2700 6500



Base Type : GU10

Mini Spot

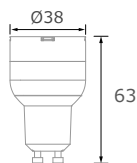
COLOR PRO



PAR11 GU10 50W Halogen Equivalent Angle Adjustable



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor		
BLM1110AD-NVW5H2DM2	200-240V	5.5W	480lm	320lm	20°-50°	1500-350	YES	>0.7		
Standard	CRI80	CCT2700	40000hr	Option			CRI90	CRI95	CRI95+	CCT22006500



Base Type : GU10

Angle adjustable

Mini Spot

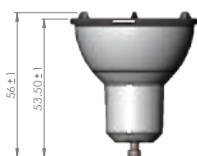
COLOR PRO



PAR16 GU10 50W Halogen Equivalent Angle Adjustable



Part Number				Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor	
BLM1610AD-NVW5H2DM2				200-240V	5.5W	480lm	320lm	20°-50°	1500-350	YES	>0.7	
Standard	CRI 80	CCT 2700	 40000hr	Option					CRI 90	CRI 95	CRI 95+	CCT 2200 6500



Base Type : GU10

Angle adjustable

COLOR PRO



PAR16 GU10 50W Halogen Equivalent



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
BLV1610SSA-CVW8H2DM2	220-240V	7.5W	425lm	380lm	10°	12500	YES	>0.9
BLV1610XX-NVW8H2DM2E					10°	6515		
BLV1610XX-NVW8H2DM2E	200-240V	6.5W	650lm	590lm	20°	2410	YES	>0.9
BLV1610XX-NVW8H2DM2E					30°	1460		
BLV1610XX-NVW8H2DM2E					60°	505		

Standard

CRI80

CCT2700

40000hr

Option

CRI90

CRI95

CRI95+

CCT2200-6500



PAR16 BA15D/S 50W Halogen Equivalent



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
BLV1615DSSA-NVW8H2DM2E	220-240V	6.5W	650lm	590lm	10°	6515	YES	>0.9
BLV1615DM-NVW8H2DM2E					20°	2410		
BLV1615DW-NVW8H2DM2E					30°	1460		
BLV1615DWD-NVW8H2DM2E					60°	505		

Standard

CRI80

CCT2700

40000hr

Option

CRI90

CRI95

CRI95+

CCT2200-6500



PAR16 GU10 50W Halogen Equivalent



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor			
BLV1610SS-NVW6H2DM2N	200-240V	6.5W	650lm	590lm	10°	7565	YES	>0.7			
BLV1610M-NVW6H2DM2N					25°	2323					
BLV1610W-NVW6H2DM2N					30°	1710					
BLV1610WW-NVW6H2DM2N					40°	1057					
BLV1610WD-NVW6H2DM2N					60°	680					
BLV1610D120-NVW6H2DM2N					100°	300					
Standard	CRI 80	CCT 2700	40000hr	Option				CRI 90	CRI 95	CRI 95+	CCT 2200 2700 6500



PAR16 GU10 3LED 20W Halogen Equivalent




Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
BLM1610M-NVW32H2	200-240V	3.0W	360lm	300lm	22°	1125	NO	>0.5
BLM1610W-NVW32H2					40°	485		
BLM1610WD-NVW32H2					65°	185		
BLM1610D120-NVW32H2					105°	110		
BLM1610M-NVW32H2DM2	200-240V	3.5W	360lm	300lm	22°	1125	YES	>0.8
BLM1610W-NVW32H2DM2					40°	485		
BLM1610WD-NVW32H2DM2					65°	185		
BLM1610D120-NVW32H2DM2					105°	110		

Standard

CRI 80

CCT 2700

40000hr

Option

CRI 90

CRI 95

CRI 95+

CCT 2200
1
6500






PAR16 GU10 6LED 35W Halogen Equivalent



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor			
BLM1610M-NVW61H2	200-240V	5.0W	480lm	440lm	20°	1760	NO	>0.7			
BLM1610W-NVW61H2					40°	760					
BLM1610WD-NVW61H2					60°	250					
BLM1610D120-NVW61H2					100°	150					
BLM1610M-NVW61H2DM2	200-240V	5.0W	480lm	440lm	20°	1760	YES	>0.7			
BLM1610W-NVW61H2DM2					40°	760					
BLM1610WD-NVW61H2DM2					60°	250					
BLM1610D120-NVW61H2DM2					100°	150					
Standard	CRI 80	CCT 2700	40000hr	Option				CRI 90	CRI 95	CRI 95+	CCT 2200 1 6500



PAR16 GU10 8LED 50W Halogen Equivalent



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
BLM1610M-NVW81H2	200V-240V	7.0W	700lm	630lm	20°	2275	NO	>0.7
BLM1610W-NVW81H2					40°	1060		
BLM1610WD-NVW81H2					60°	450		
BLM1610D120-NVW81H2					100°	215		
BLM1610M-NVW81H2DM2	200-240V	7.0W	700lm	630lm	20°	2275	YES	>0.7
BLM1610W-NVW81H2DM2					40°	1060		
BLM1610WD-NVW81H2DM2					60°	450		
BLM1610D120-NVW81H2DM2					100°	215		

Standard

CRI
80CCT
2700

40000hr

Option

CRI
90CRI
95CRI
95+CCT
2200
6500
**COLOR
PRO**


PAR16 GU10 COB 50W Halogen Equivalent



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
BLM1610XX-NVW7H	100-240V	7.0W	660lm	600lm	25°	2253	NO	>0.5
BLM1610XX-NVW7H					40°	1150		
BLM1610XX-NVW7H					60°	440		
BLM1610XX-NVW7H					100°	150		
BLM1610XX-NVW7H2DM2	200-240V	7.0W	660lm	600lm	25°	2254	YES	>0.8
BLM1610XX-NVW7H2DM2					40°	1150		
BLM1610XX-NVW7H2DM2					60°	440		
BLM1610XX-NVW7H2DM2					100°	150		

Standard

CRI
80CCT
2700

40000hr

Option

CRI
90CRI
95CRI
95+CCT
2200
6500
**COLOR
PRO**


PAR30 100W Halogen Equivalent (Long Neck)



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
BLM3027M-TWW1208HLG	100-240V	10.0W	1100lm	1000lm	35°	2199	NO	>0.9

Standard

CRI 80

CCT 3000

40000hr

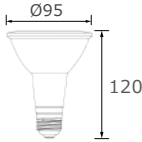
Option

CRI 90

CRI 95

CRI 95+

CCT 2200
6500



Base Type : E27

CE

PAR30 100W Halogen Equivalent IP65



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
BLM3027XX-NVW17H2DM2OD	200-240V	17.0W	1610lm	1450lm	15°	15210	YES	>0.8
BLM3027XX-NVW17H2DM2OD					30°	4030		

Standard

CRI 80

CCT 2700

40000hr

IP65

Option

CRI 90

CRI 95

CRI 95+

CCT 2200
6500



Base Type : E27

SPoT Focus

COLOR PRO

CE

PAR38 140W Halogen Equivalent



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
BLM3827M-TWW3602H	100-240V	10.0W	1400lm	1260lm	30°	2848	NO	>0.9

Standard

CRI 80

CCT 3000

40000hr

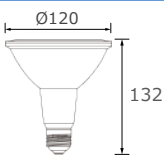
Option

CRI 90

CRI 95

CRI 95+

CCT 2200
6500



Base Type : E27

SPoT Focus

CE

PAR38 120W Halogen Equivalent IP65 Version



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
BLM3827WT-NVW182HODT	100-240V	13.0W	1280lm	1150lm	30°	3240	NO	>0.9
BLM3827WT-NVW182H2DM2ODT	200-240V	13.0W	1280lm	1150lm	30°	3240	YES	>0.9

Standard

CRI
80CCT
2700

40000hr

IP65

Option

CRI
90CRI
95CRI
95+CCT
2200
6500

Base Type : E27

**COLOR
PRO**


PAR38 200W Halogen Equivalent IP65 Version



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
BLM3827WT-NVW362HODT	100-240V	20.0W	2000lm	1800lm	30°	3705	NO	>0.9
BLM3827WT-NVW362H2DM2ODT	200-240V	20.0W	2000lm	1800lm	30°	3705	YES	>0.9

Standard

CRI
80CCT
2700

40000hr

IP65

Option

CRI
90CRI
95CRI
95+CCT
2200
6500
**COLOR
PRO**


PAR16 GU10 20W / 35W Metal Halide Equivalent



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
BLV1610SS-NVW9H	100-240V	9.0W	900lm	800lm	15°	7100	NO	>0.9
BLV1610M-NVW9H					25°	3200		
BLV1610W-NVW9H					35°	2060		
BLV1610SS-NVW14H	100-240V	14.0W	1300lm	1170lm	30°	3900	NO	>0.9
BLV1610M-NVW14H					40°	2500		

Standard

CRI 80

CCT 2700

40000hr

Option

CRI 90

CRI 95

CRI 95+

CCT 2200
6500



SPOT Focus

COLOR PRO

CE

PAR20 20W / 35W Metal Halide Equivalent



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
BLV2027SS-NVW11H	100-240V	11.0W	1000lm	900lm	15°	7890	NO	>0.9
BLV2027M-NVW11H					25°	3585		
BLV2027W-NVW11H					35°	2380		
BLV2027M-NVW16H	200-240V	15.0W	1600lm	1460lm	30°	4175	NO	>0.9
BLV2027W-NVW16H					40°	2795		

Standard

CRI 80

CCT 2700

40000hr

Option

CRI 90

CRI 95

CRI 95+

CCT 2200
6500



SPOT Focus

COLOR PRO

CE

PAR30 70W Metal Halide Equivalent



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
BLV3027SS-NVW27H	100-240V	27.0W	2600lm	2340lm	15°	26000	NO	>0.9
BLV3027M-NVW27H					30°	8000		
BLV3027SS-NVW27H2DM2	200-240V	29.0W	2600lm	2340lm	15°	24000	YES	>0.9
BLV3027M-NVW27H2DM2					30°	7000		
Standard	CRI 80	CCT 2700	 40000hr		Option	CRI 90	CRI 95	 CCT 2200 ↑ 6500



Base Type : E27

**SPOT
Focus**



PAR38 75W Metal Halide Equivalent



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
BLV3827SS-NVW30H	100-240V	30.0W	3400lm	3060lm	15°	28000	NO	>0.9
BLV3827M-NVW30H					30°	11000		
BLV3827SS-NVW30H2DM2	200-240V	32.0W	3200lm	2880lm	15°	27000	YES	>0.9
BLV3827M-NVW30H2DM2					30°	11000		
Standard	CRI 80	CCT 2700	 40000hr		Option	CRI 90	CRI 95	 CCT 2200 2 6500



Base Type : E27

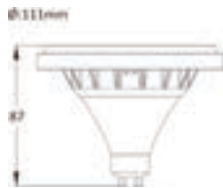
**SPOT
Focus**



ES111 100W Halogen Equivalent



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor			
BLM11110M-NVW1607H2DM2	200V-240V	14.0W	1100lm	1000	25°	3435	YES	>0.7			
BLM11110W-NVW1607H2DM2					40°	1960					
BLM11110WD-NVW1607H2DM2					60°	930					
Standard	CRI 80	CCT 2700		Option				CRI 90	CRI 95	CRI 95+	CCT 2200 & 6500



Base Type : GU10



ES111 125W Halogen Equivalent



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor	
BLM11110M-NVW20H2DM2	200-240V	20.0W	2000lm	1800lm	25°	7230	YES	>0.9	
BLM11110W-NVW20H2DM2					40°	3600	YES		
BLV11110WW-TVW8402H2					70°	1380	NO		
BLV11110D120-TVW8402H2					100°	750	NO		
Standard	CRI80	CCT2700	40000hr	Option		CRI90	CRI95	CRI95+	CCT2200 ↓ 6500



Base Type : GU10

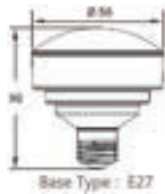


R86 Color Changing Lamp



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Dimming	Power Factor
BLS8627D120-ORGB3901L	12V	8W	R: 66 lm G: 121 lm B: 25 m	R: 66 lm G: 121 lm B: 25 m	120°	Switching Color Change	>0.7

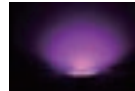
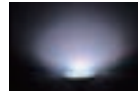
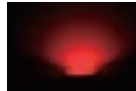
Standard



Color Changing Pool Lamp

Color changing lamps are used mostly at locations where "color shows" is performed such as pool, park, night club, etc.

Our product has 10 color modes that can be adjust simply by switch on and off. We could also provide auto color changing modes depending on special request.



BR40 Color Changing Lamp



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Dimming	Power Factor
BLS4027D120-ORGB10102L	12V	14W	R: 171 lm G: 231 lm B: 49 m	R: 171 lm G: 231 lm B: 49 m	100°	Switching Color Change	>0.7

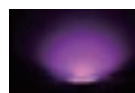
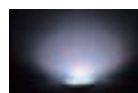
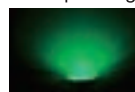
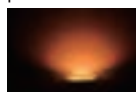
Standard



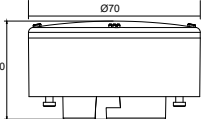
Color Changing Pool Lamp

Color changing lamps are used mostly at locations where "color shows" is performed such as pool, park, night club, etc.

Our product has 10 color modes that can be adjust simply by switch on and off. We could also provide auto color changing modes depending on special request.



GX53 70mm 13W CFL Equivalent

	Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
	BLVG53D120-OVW2004H	100-240V	7.5W	750lm	750lm	105°	270	NO	>0.5
Standard		CRI 80	CCT 2700	40000hr				Option	CRI 90 CRI 95 CRI 95+ CCT 2200 6500
 Base Type : GX53							 		

GX53 90mm 13W CFL Equivalent

	Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
	BLSG53D120-NVW1007H2	100-240V	10.0W	750lm	750lm	105°	225	NO	>0.9
Standard		CRI 80	CCT 2700	40000hr				Option	CRI 90 CRI 95 CRI 95+ CCT 2200 6500
 Base Type : GX53							 		

CFL 13W Equivalent



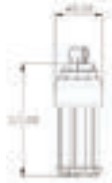
Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
BLV115GX24QPP-NCW4802H	100-240V	5.5W	650lm	650lm	300°	-	NO	>0.9

Standard

CRI
80CCT
2700

40000hr

Option

CRI
90CRI
95CRI
95+CCT
2200
6500

Base Type : GX24Q

SPoT
FocusCOLOR
PRO

CFL 18W Equivalent



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
BLV128GX24QPP-NCW5502H	100-240V	6.8W	850lm	850lm	300°	-	NO	>0.9

Standard

CRI
80CCT
2700

40000hr

Option

CRI
90CRI
95CRI
95+CCT
2200
6500

Base Type : GX24Q

SPoT
FocusCOLOR
PRO

CFL 26W Equivalent



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
BLV150GX24QPP-NCW6602H	100-240V	8.3W	1050lm	1050lm	300°	-	NO	>0.9

Standard

CRI
80CCT
2700

40000hr

Option

CRI
90CRI
95CRI
95+CCT
2200
6500

Base Type : GX24Q

SPoT
FocusCOLOR
PRO

A35 40W Incandescent Equivalent

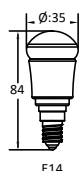


Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
BLO1114PP-NVW15H	100V-240V	6.0W	650lm	600lm	200°	85	NO	>0.7
BLO1114PP-NVW15H2DM2	100V-240V	6.0W	650lm	600lm	270°	85	YES	>0.7

Standard



Option



E14

COLOR PRO


A35 40W Incandescent Equivalent



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
BLM8314CC-NVW903H2	200V-240V	3.5W	245lm	245lm	240°	15	NO	>0.5
BLM8314CC-NVW903H2DM2	200V-240V	3.0W	180lm	180lm	240°	20	YES	>0.9

Standard



Option



Base Type : E14

COLOR PRO


Low Voltage A60 60W Incandescent Equivalent

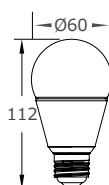


Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
BLM6027P25-OVW1008L	12-24V AC/DC	10.0W	1000lm	1000lm	200°	115	NO	>0.7

Standard



Option



Base Type E27

COLOR PRO


A60 40W/60W/75W Incandescent Equivalent



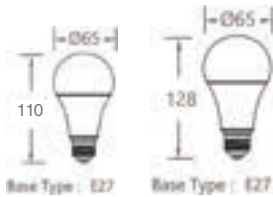
Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor	
DI56027P25-TVW602H	100-240V	4.0 W	500lm	500lm	200°	-	NO	>0.7	
DI56027P25-TVW1202H		7.2 W	810lm	810lm					
DI56027P25-TVW1602H		8.0 W	1050lm	1050lm					
Standard	CRI80	CCT2700	40000hr	Option		CRI90	CRI95	CRI95+	CCT2200 6500



A65 100W/120W Incandescent Equivalent



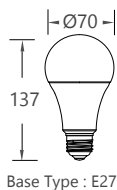
Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles (CBCP)	Dimming	Power Factor	
DI56527P25-TVW3202H	100-240V	13.0 W	1521lm	1521lm	200°	-	NO	>0.7
TW56527P25-TWW6802H		12.2 W	1700lm	1700lm				
Standard	CRI80	CCT2700	40000hr	Option	CRI90	CRI95	CRI95+	CCT2200 ↕ 6500



A70 130W Incandescent Equivalent



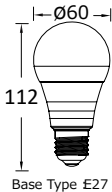
Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
DI57027P25-TWW9202H	100V-240V	15.0 W	2050lm	2050lm	200°	-	NO	>0.7
Standard	CRI 80 CCT 3000 40000hr			Option CRI 90 CRI 95 CRI 95+ CCT 2200 6500				



A60 3-Step Dimming 60W Incandescent Equivalent



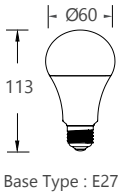
Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor	
BLM6027P25-NVW1207HDM1	100V-240V	10 W	810lm	810lm	220°	105	1st-2nd-3rd Switching Dimming	>0.7	
BLM6027P25-NVW1207HDM1		4 W	405lm			45		-	
BLM6027P25-NVW1207HDM1		0.5 W	25lm			3		-	
Standard	CRI 80	CCT 2700	40000hr	Option		CRI 90	CRI 95	CRI 95+	CCT 2200 + 6500



A60 AUTO DIMMING 60W Incandescent Equivalent



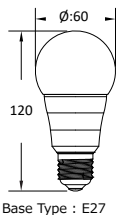
Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
DI26027P25-TVW2404HDM5	100V-240V	9.0W	900lm	900lm	200°	-	YES	>0.7
Standard	CRI80	CCT2700	⌚40000hr	Option		CRI90	CRI95	CCT2200-6500



A60 CCT Change 60W Incandescent Equivalent



Part Number			Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
DI26027P25-T2757W4803H			100V-240V	10.0W	810lm/965lm	810lm/965lm	180°	-	NO	>0.7
Standard	CRI 80	CCT 2700					Option	CRI 90	CRI 95	



A modern interior space featuring a minimalist design. The room includes a brown leather sofa with an orange cushion on the left, a green leather armchair in the foreground, and a dark grey concrete island with wooden stools. The walls are a light, textured grey, and the floor is made of large, light-colored tiles. The lighting is a mix of industrial-style pendant lamps with brass shades and track lighting on the ceiling. The overall atmosphere is contemporary and sophisticated.

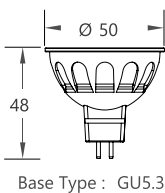
Essential

{General Lighting}

MR16 COB LIKE 20W Halogen Equivalent



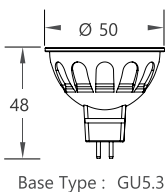
Part Number		Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor	
DI21653M-OVW4LB		12V	4.0W	260 lm	230lm	25°	650	Limited	>0.7	
DI21653W-AVW41LB						40°	370			
DI21653WD-AVW41LB						60°	200			
Standard	CRI 80	CCT 2700					Option	CRI 90	CRI 95	CCT 2200 ± 6500



MR16 COB LIKE 35W Halogen Equivalent



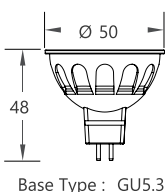
Part Number		Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
DI21653M-OVW6LB		12V	5.0W	360 lm	325lm	25°	1400	Limited	>0.7
DI21653W-AVW61LB						40°	700		
DI21653WD-AVW61LB						60°	450		
Standard	CRI 80	CCT 2700				Option	CRI 90	CRI 95	CCT 2200 / 6500



MR16 COB LIKE 50W Halogen Equivalent



Part Number		Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
DI21653M-OVW10LB		12V	6.5W	650 lm	450lm	25°	1650	Limited	>0.7
DI21653W-AVW101LB						40°	950		
DI21653WD-AVW101LB						60°	550		
Standard	CRI 80	CCT 2700	 15000hr			Option	CRI 90	CRI 95	CCT 2200 26500



MR16 25W Halogen Equivalent Dimmable



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
BLP1653W-TVW707L	12V	5.0W	400 lm	250lm	40°	260	YES	>0.7
BLP1653WD-TVW707L					60°			
Standard	CRI80				CCT2700	15000hr		

CE

MR16 40W Halogen Equivalent Dimmable



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
BLP1653W-TVW71L	12V	5.0W	550 lm	420lm	40°	420	YES	>0.7
BLP1653WD-TVW71L					60°			
Standard	CRI80				CCT2700	15000hr		

CE

G4 10W Halogen Equivalent IP62



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
BLP1140BB-TWW1202L	12V	1.2W	120 lm	120lm	180°	-	NO	>0.7
Standard	CRI 80	CCT 3000	15000hr		Option	CRI 90	CCT 2200 6500	



G4 30W Halogen Equivalent



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
BLP1640BB-TWW3301L	12V	2.5W	300 lm	300lm	360°	-	NO	>0.8
Standard	CRI 80	CCT 2700	15000hr		Option	CRI 90	CCT 2200 6500	



G9 30W Halogen Equivalent



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
BLP16G9BB-TWW2801H2	220-240V	2.0W	280 lm	280lm	330°	-	NO	>0.5
Standard	CRI 80	CCT 3000	15000hr		Option	CRI 90	CCT 2200 & 6500	



G9 35W Halogen Equivalent



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
BLP16G9BB-TWW3201H2	220-240V	3.0W	350 lm	350lm	360°	-	NO	>0.5
Standard	CRI 80	CCT 3000	15000hr		Option	CRI 90	CCT 2200 & 6500	



G9 40W Halogen Equivalent



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
BLP16G9BB-TWW8805H2	220-240V	4.5W	470 lm	470lm	360°	-	NO	>0.9
Standard	CRI 80	CCT 3000	15000hr		Option	CRI 90	CCT 2200 & 6500	



PAR16 35W Halogen Equivalent



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
BLP1610W-TWW707H2	220-240V	5.0W	490 lm	285lm	50°	336.5	NO	>0.5
Standard	CRI 80	CCT 3000	15000hr			Option	CRI 90	CCT 2200 3 6500



PAR16 35W Halogen Equivalent Dimmable



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
BLP1610M-TVW608H2DM2	220-240V	5.0W	480 lm	350lm	35°	655.3	YES	>0.7
Standard	CRI 80	CCT 2700	15000hr			Option	CRI 90	CCT 2200 3 6500



PAR16 50W Halogen Equivalent



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
BLP1610M-TVW71H2DM2	220-240V	7.0W	600 lm	400lm	60°	408.7	NO	>0.6
Standard	CRI 80	CCT 3000	15000hr			Option	CRI 90	CCT 2200 3 6500



PAR16 50W Halogen Equivalent Dimmable



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
BLP1610M-TVW71H2DM2	220-240V	6.0W	550 lm	400lm	40°	772.2	YES	>0.7
Standard	CRI 80	CCT 2700	15000hr			Option	CRI 90	CCT 2200 3 6500



G45 40W Incandescent Equivalent BASE E14



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
BLPG4514P25-TWW807H2	220-240V	5.5W	470 lm	470lm	220°	-	NO	>0.5
Standard	CRI 80	CCT 3000	15000hr			Option	CRI 90	CCT 2200 ~ 6500



G45 40W Incandescent Equivalent BASE E27



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
BLPG4527P25-TWW807H2	220-240V	5.5W	470lm	470lm	220°	-	NO	>0.5
Standard	CRI 80	CCT 3000	15000hr			Option	CRI 90	CCT 2200 ~ 6500



Anti-inset LED bulb



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
BLM5527P25-TA41H	100-240V	4.0W	300 lm	300lm	200°	-	NO	>0.5
Standard	CRI 80	CCT 2700	15000hr					



A60 40W Incandescent Equivalent



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
BLP1927P25-TWW807H2	220-240V	6.0W	470lm	470lm	220°	-	NO	>0.5
Standard	CRI 80	CCT 3000	15000hr			Option	CRI 90	CCT 2200 6500



A60 40W Halogen Equivalent Dimmable



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
BLP1927P25-TVW61H2DM2	220-240V	6.0W	470lm	470lm	>180°	-	YES	>0.5
Standard	CRI 80	CCT 2700	15000hr			Option	CRI 90	CCT 2200 6500



A60 60W Incandescent Equivalent



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
BLP1927P25-TWW1207H2	220-240V	9.0W	806lm	806lm	220°	-	NO	>0.5
Standard	CRI 80	CCT 3000	15000hr			Option	CRI 90	CCT 2200 6500



A60 60W Halogen Equivalent Dimmable



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
BLP1927P25-TVW1506H2DM2	200-240V	9.0W	806lm	806lm	>180°	-	YES	>0.5
Standard	CRI 80	CCT 2700	15000hr			Option	CRI 90	CCT 2200 6500



A60 100W Incandescent Equivalent



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor	
BLP1927P25-TWW2005H2	200-240V	11.0W	1055lm	1055lm	220°	-	NO	>0.5	
Standard	CRI 80	CCT 3000	15000hr				Option	CRI 90	CCT 2200 3 6500
CE									

A60 100W Incandescent Equivalent



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
BLP1927P25-TWW2007H2	220-240V	15.0W	1521lm	1521lm	220°	-	NO	>0.5
Standard	CRI 80	CCT 3000	15000hr	Option			CRI 90	CCT 2200 3 6500
CE								

A60 Filament 40W Incandescent Equivalent



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
BLPFA6027BB-TVW41H2	200-240V	4.0W	470lm	470lm	280°	-	NO	>0.5
Standard	CRI 80	CCT 2700	15000hr			Option	CRI 90	CCT 2200-6500



A60 Filament 60W Incandescent Equivalent



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
BLPFA6027BB-TVW417H2	200-240V	7.0W	806lm	806lm	280°	-	NO	>0.5
Standard	CRI 80	CCT 2700	15000hr			Option	CRI 90	CCT 2200-6500



A60 Filament 60W Incandescent Equivalent Dimmable



Part Number		Voltage	Power	Flux	Rated Flux	Beam Angles	Dimming	Power Factor
BLPFA6027BB-TVW417H2DM2		200-240V	7.5 W	806lm	860lm	280°	YES	>0.5
Standard	CRI 80	CCT 2700	 25000hr		Option	CRI 90	CCT 2200-6500	



A60 Filament 75W Incandescent Equivalent



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
BLPFA6027BB-TVW425H2	200-240V	10.0W	1100lm	1100lm	280°	-	NO	>0.5
Standard	CRI 80	CCT 2700	15000hr		Option	CRI 90	CCT 2200 2 6500	

CE

A60 Filament 80W Incandescent Equivalent Dimmable



Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
BLPFA6027BB-TVW425H2DM2	200-240V	10.0 W	1200lm	1200lm	280°	-	YES	>0.5
Standard	CRI 80	CCT 2700	15000hr		Option	CRI 90	CCT 2200 2 6500	

CE

A60 Filament 100W Incandescent Equivalent



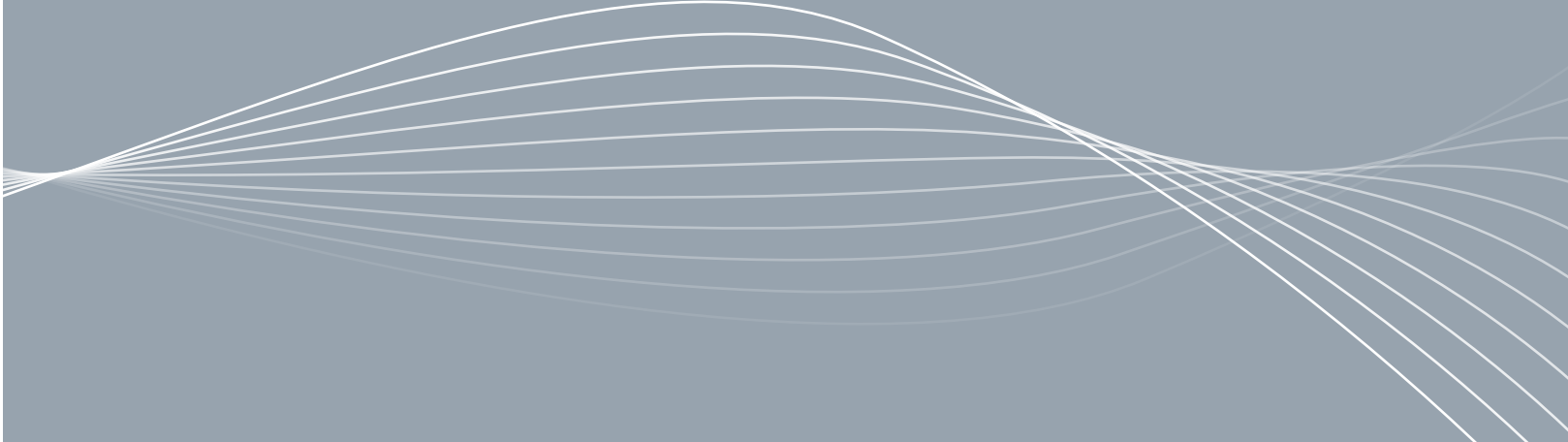
Part Number	Voltage	Power	Flux	Rated Flux	Beam Angles	Candela (CBCP)	Dimming	Power Factor
BLPFA6027BB-TVW815H2	200-240V	12.0W	1520lm	1520lm	280°	-	NO	>0.5
Standard	CRI 80	CCT 2700	15000hr		Option	CRI 90	CCT 2200 2 6500	

CE



Annex

Important Notice
CCT-CRI Formula



Transformer & Dimmer Selection Guide

(1) 12V AC Transformer: There are two types transformer available commercially:

A. Magnetic AC Transformer:

The traditional heavy transformer without electronic components can be coped with our products with good compatibility.

B. Electronic AC Transformer:

The traditional economic transformer used mainly for MR16 halogen lamp, usually performs poor compatibility for low voltage LED lamp. We don't suggest this type of transformer due to the frequent problems such as no light or flicker.

(2) 12V DC Transformer:

There is no problem to use DC transformer with our low voltage products due to its high stability.

(3) Dimmer Selection:

When 12V DC transformer is used, the traditional Triac dimmer cannot work. Therefore, the dimming effect of low voltage LED Lamp heavily depends on the AC transformer. Also the different brands of dimmers may affect the dimming effects. Please contact us if you want to know further dimming effect of our low voltage LED Lamp.

Dimming Guide

- 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 bulb is turned on, it is possible to have no light emission at all or flicker. 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
- 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 level, a moment of brightness might occur after the power is turned on.
- When the dimmer is tuned at the lowest level, 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.

Safety & Warning

- Do not cover lamp with paper, fabric, or any flammable material to avoid burning.
- Operating Temperature: -20°C~+40°C
- Do not insert metal object into the gap of lamp base.
- Do not use in high humidity environment or near water to avoid damage.
(Except for BLTC Outdoor IP65 version product)
- Not suitable for use in automatic light sensor system, emerging lighting fixture and mercury fixture to avoid damage and burning.
- Do not use near flammable objects such as gasoline, spray, chemicals, paints,oil, ...etc.
- Do not use in place that is likely to be impacted by force or vibration.
- Do not use in acidic environment.
- Do not install lamp in heat insulated fixture.
- Do not disassemble or reconstruct the lamp.
- Do not stare directly at the lamp to avoid light injury.
- Do not wash the lamp with water or any detergent.
- Please turn off the light when installing or cleaning to avoid electric shock.
- Do not touch any power-on lamps or lamps that have just been turned off to avoid injury.
- Please ensure the lamp is rightly installed into the socket to avoid dropping.
- Please select the appropriate fixture based on lamp size and weight.

General Guideline

- The appropriate combination of lamp and lamp base should be carefully selected for different voltage and wattage.
- Slight difference of color temperature and brightness is likely to occur for the same part number due to the difference of LED chips.
- To avoid heat build-up and the shortening of product lifetime, sealed fixture is not recommended unless particularly marked in the data sheet.
- Keep the lamp from radio, video, and television at least 1 meter to avoid noise by interference.
- Please handle carefully to avoid damage or collision.

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: $100 \times 1.04 = 104$
4000K: $100 \times 1.09 = 109$
5000K: $100 \times 1.09 = 109$

	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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