



is a registered trademark in China

Bwbyone

is a registered trademark in Australia

Lighting the world since 2014



C TEL: +86-757-81992887

■ WEBSITE: www.bwbyonelighting.com

O ADD: No.3, Wangda road, Shishan town, Nanhai district, Foshan, Guangdong, China.

Top rank LED lighting manufacturer

Brighten world with Bwbyone, enlighting every space beyond boundaries.

PRODUCT CATALOG

Foshan Byone Electrical Co., Ltd.

Bwbyone®

Who We Are

Foshan Byone Electric Co., Ltd. was established in February 2014, the self-owned factory is located in Lianxing Wangnan industrial zone, Nanhai District, Foshan City, where covers an area of over 11,000 square meters. Our company was successfully identified as a high-tech enterprise in 2018, the high-tech enterprise recognition is a prestigious national qualification, we obtained the ownership of intellectual property rights in the technology of our main products through independent research, our products fall within the scope of the High-tech Fields supported by the State.

Byone specializes in R&D, design and manufacturing of LED driver power supplies and LED lighting fixtures, produces 10 million LED drivers and 4.5 million indoor & outdoor lighting fixtures annually. Our products are cost-effective, and the stable quality performance ensures Bwbyone as a reliable brand, our indoor lighting products are suitable for smart home and commercial used. And our outdoor lighting fixtures can be used for professional engineering, municipal lighting and other fields. Our power supplies and LED lighting products have been well-known and hot selling in domestic and all over the world.

Our company has many advanced production equipment, can be used for mass production, include Chip Surface Mounter, Convection Reflow Oven, Solder-Paste Printer, Automated Optical Inspection System(AOI Equipment), X-ray Inspection System, Automated Conveyor System, Pre-Reflow AOI, Static Elimination Equipment, Wave Solder Machines, LED Aging Line, Automatic Glue Potting Machine, Automatic Production Line, Laser Engraving and Cutting Machine. Our company also has a professional Optical Laboratory, an EMC Testing Lab, Spectrometer, Integrating Sphere spectroradiometer, High/Low-Temperature Test Chamber, Constant Temperature & Humidity Chamber, Salt Spray Testing Chamber, Transport Simulation Vibration Tester, etc.

Always Ensure and Improve Customer Satisfaction is Byone's priority.

What We Produce

We are committed to providing customers with innovative, energy-efficient, and environmentally friendly lighting solutions and have become a popular lighting brand in both domestic and international markets.

Byone is a professional manufacturer specializing in

- LED Bluetooth/wifi smart lights,
- LED downlights,
- LED ceiling lights,
- LED panel lights,
- LED cabinet lights,
- LED linear lights,
- LED bulbs,
- LED magnetic track light,
- LED track light,
- LED vanity light,
- LED tube,

Etc.









10+
ETL/UL/CE certifications

Bwbyone* Byone Milestones

2017

Started the R&D, production, and sales of indoor & outdoor LED lighting fixtures. Expanded into the LED lighting market

2017

Awarded the title of Executive VP for Anhui Chamber of Commerce Guangdong branch

2020

Upgraded laboratory equipment and facilities, expanded Byone's product ranges and services

2022

Launched a series of new smart lighting products,to meet new needs for smart home solutions..

Established in Guangdong China, focusing on power supply manufacturing.

2021

Successfully identified as a high-tech enterprise for the second time. Successfully obtained two utility model patents and one design patents again.

2018

Successfully identified as a high-tech enterprise,our technological innovation and R&D capabilities have been recognized by the authority depart.

2016

Completed the construction of the self-owned factory, covers an area of over 11,000 square meters

Byone has built strong long-standing OEM Partnershipswith domestic and overseas customers.

Bwbyone®

In order to meet the rapid and sustainable development needs of the LED lighting industry, Byone invest in new production equipment and testing equipment continuously.

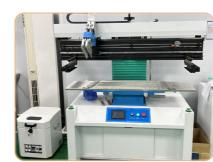
Production Machinery



YAMAHA High-speed Surface Mounter



Automatic Solder Paste Printer with 3D Solder Paste Inspection System



Solder Paste Mixer and Semi-automatic Solder Paste Printer



Ultra Long Semi-auto Solder Paste Printer



Reflow Oven with Fully Auto PCBA Unloader



Lead-free Reflow Oven



Fully Automatic PCB Loader and Automatic Solder Paste Printer



Wave Soldering Machine



Wave Soldering Machine US450II



LED Driver Intelligent Aging Test Rack Control Cabinet



Automatic Lead Cutting Machine



LED Lamp Aging Conveyor Line

Testing Equipment



Integrating Sphere Photometer



Salt Mist Testing Equipment



Temperature and Humidity Test Chamber



Electric Heating Drying Oven and Constant High-Temperature Oven



Reliability Testing Rack



Switching Cycle Test Bench

Manufacturing Process













Bwbyone*

Obtained the first Invention patent since 2015













A Certified Advanced Manufacturers for over decades

Byone is one of the leading producer in specialized LED drivers and LED lighting fixtures for the North America market.



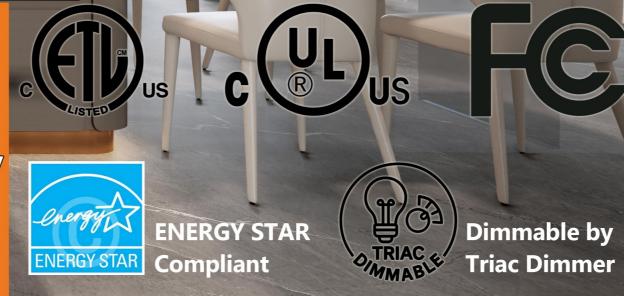
More certifications



We have solid experience in developing and manufacturing lighting products built to meet NORTH AMERICAN STANDARDS.

Our OEM production for the U.S. market covers a wide range of fixture types, all designed to comply with UL, ETL, and FCC requirements.

With strong technical capabilities and a dedicated R&D team, we ensure each product meets both safety regulations and performance expectations.





Round/Square Slim Downlight Fixture
Available in 8W.10W.12W.15W and 20W



Surface Mount Ceiling Light Fixture

Available in 15W,20W,25W,30W and 48W



Surface Mount Ceiling Light Fixture

Available in 12W.15W.20W and 25W



Surface Mount Ceiling Light Fixture

Available in 5W,20W and 25W



Vanity Light Fixture

Available in 15W,25W,30W and 40W Available in 13 models, including both round and square designs.

www.bwbyonelighting.com

















LED Slim Downlight, Available in 3", 4", 6" and 8"



BW-LBW-008AA5C



Electrical specs:120V~ 60 Hz

Power: Available in 8W,10W,12W,15W and 20W

Luminous:1300 lm(20W)

Chips model:SMD2835

Color temperature:27K/30K/35K/40K/50K

5 CCT in 1 Tunable or Single color temperature

CRI:Ra>80

Power factor:>0.90

Dimensions:H 0.75" x D Ф8.75"

Housing material: Aluminium with PC

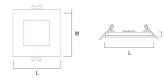
Junction box Material: Galvanized sheet

Finish color: White

Working temperature: -20 ~ 40° C



BW-LBW-008AB5C



Electrical specs:120V~ 60 Hz

Power: Available in 8W,10W,12W,15W and 20W

Luminous:1300 lm(20W)

Chips model:SMD2835

Color temperature: 27K/30K/35K/40K/50K

5 CCT in 1 Tunable or Single color temperature

CRI:Ra>80

Power factor:>0.90

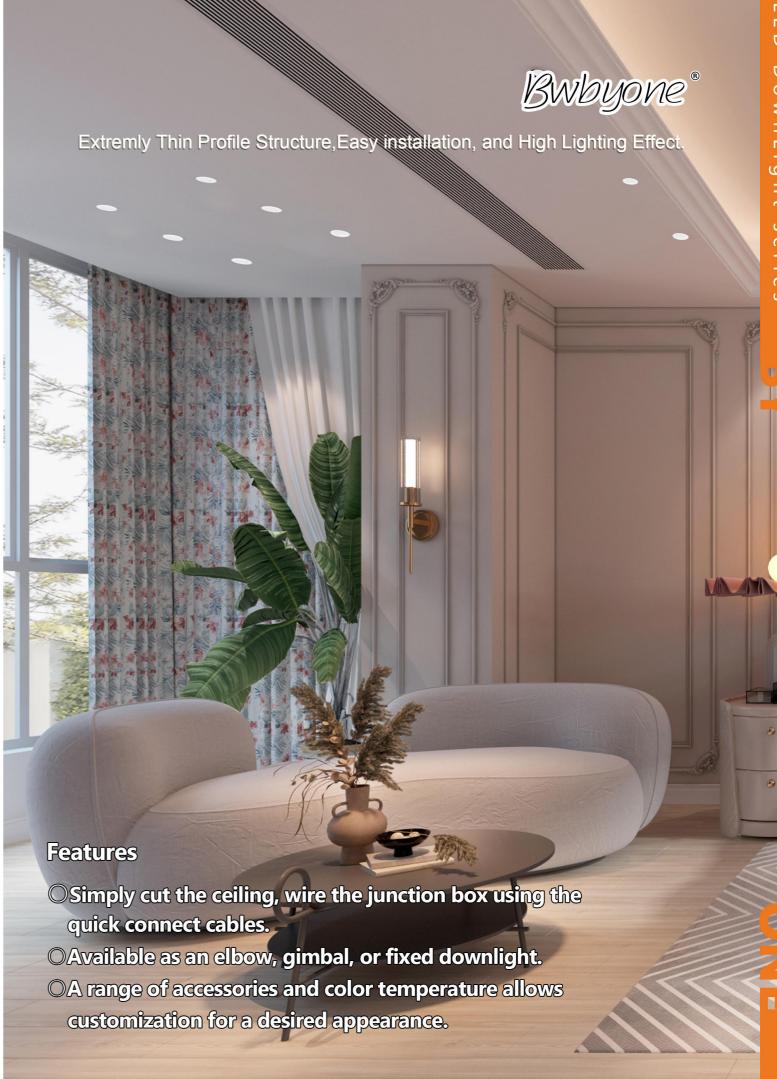
Dimensions:L 8.75" - W 8.75 " - H 0.75"(20W)

Housing material: Aluminium with PC

Junction box Material:Galvanized sheet

Finish color: White

Working temperature: -20 ~ 40° C



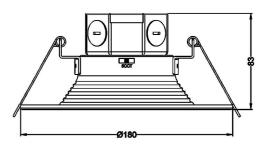
Bwbyone[®] Integrated design combines junction box and driver for easier maintenance **Features** ○Integrated combines junction box and driver for easier maintenance. ○5 CCT manual dimmer supports 2700-5000K for versatile applications. **OWide voltage and frequency range with ETL certification.**

LED Housingless Downlight, Available in 4",5" and 6"











- ·Input Voltage:AC110~277V/50~60Hz
- ·Power:Available in10W,12W,15W
- ·Lumens:1230 lm(15W)
- ·Color Temperature:

A.5CCT in 1(2700,3000K,3500K,4000K,5000K)

B.Single CCT Selectable(2700,3000K,3500K,4000K,5000K)

- C.RGB smart control via App.
- ·Power factory:>0.9
- ·CRI:RA>90
- ·Chips model:SMD 2835
- ·Housing Material:Steel + PC
- ·Junction box Material: Galvanized sheet
- ·Housing finish colour:White
- ·Overall size:Ф180mm x 83mm(15W)
- ·Cutting dimensions:Φ160(15W)

















6 Inch Smart LED Can Lights with RGB Back Light



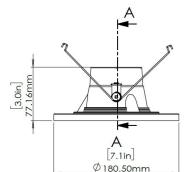
Technical Details

Voltage:120 Volts/60Hz Wattage:15 watts Luminous:950 lm

PF:>70 CRI:>90

Dimensions: ϕ 7.1" x H3"(ϕ 180.5*H77.16mm) Lifespan:20000h

- 2700-6500K/RGB Color: With a wide range of color temperature from warm white to cool white, you can create a comfortable and cozy atmosphere for your bedroom, living room, or kitchen. The RGB color option allows you to choose from millions of colors, perfect for setting the mood for parties or special occasions.
- Smart Control: supporting remote control through Tuya or Smart lift apps via bluetooth, allowing you to easily turn on/off, dim, and change the color of your lights with just your smart phone.
- Music Sync+14 Present Scenarios: The music sync feature allows you to synchronize your lights with your favorite tunes, enhance your audio-visual experience. Scenarios are designed to give you the perfect lighting for various activities and moods, without having to manually adjust the settings.
- Group Control: With the group control feature, you can control multiple lights together, creating a unified and harmonious lighting effect. This feature is especially useful for large open spaces or rooms with multiple light fixtures, allowing you to easily manage the lighting with just one command.
- ETL Listed, CRI90+, 15W,1000LM. Suitable for wet location.













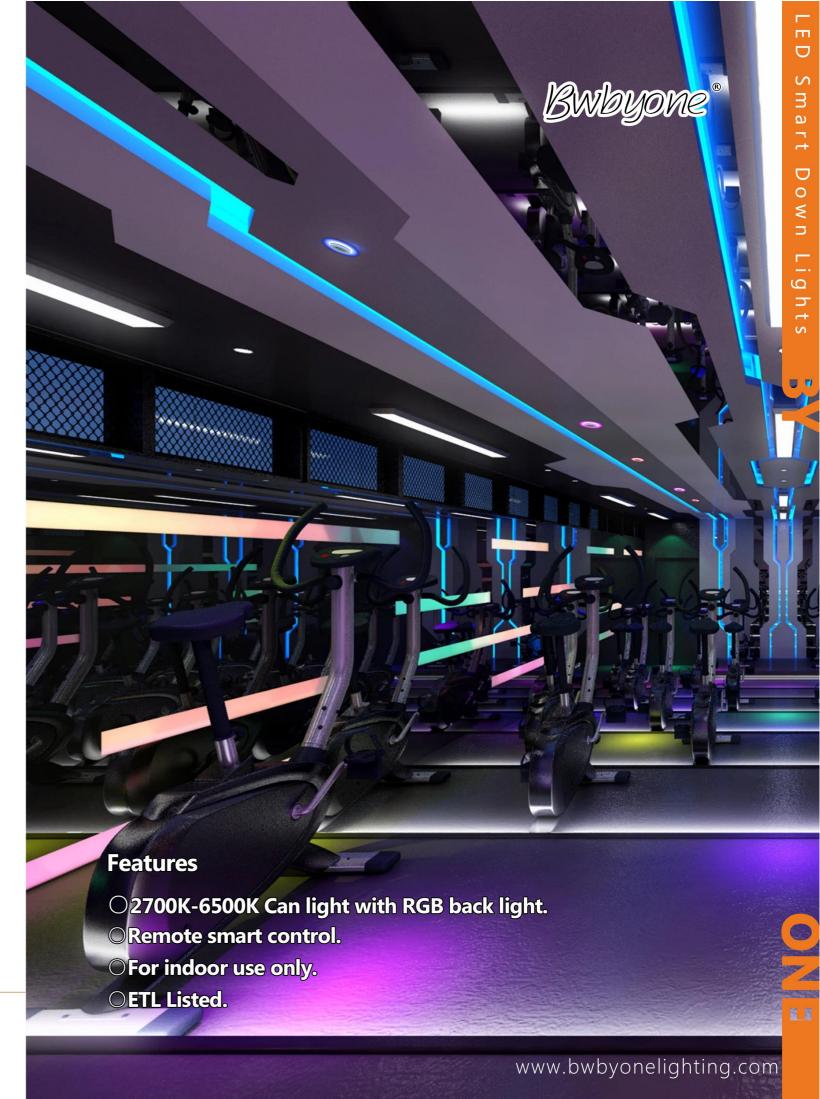








120 Volts Smart Control





















Double Ring Oval Ceiling light Available in 10",12",14",16",18",24",32", 36"

Electrical specs:120V~ 60 Hz

Power: Available in 15W, 20W, 25W, 30W, 50W

Luminous:1400 lm(20W)

Chips model:SMD2835

Color temperature:27K/30K/35K/40K/50K

5 CCT in 1 Tunable or Single color temperature

CRI:Ra>80

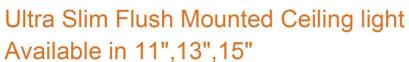
Power factor:>0.90

Dimensions:H 3.36" x D Φ12"(20W)

Housing material: Aluminium frame with PC

Finish color:Brushed Nickel, Matt black, Rose gold

Working temperature: -20 ~ 40° C





BW-LBW-CL041015

BW-LBW-CL041525

BW-LBW-CL031420

BW-LBW-CL033250

Electrical specs:120V~ 60 Hz

Power: Available in 15W,20W,25W

Luminous:1050 lm(15W)

Chips model:SMD2835

Color temperature:27K/30K/35K/40K/50K

5 CCT in 1 Tunable or Single color temperature

CRI:Ra>80

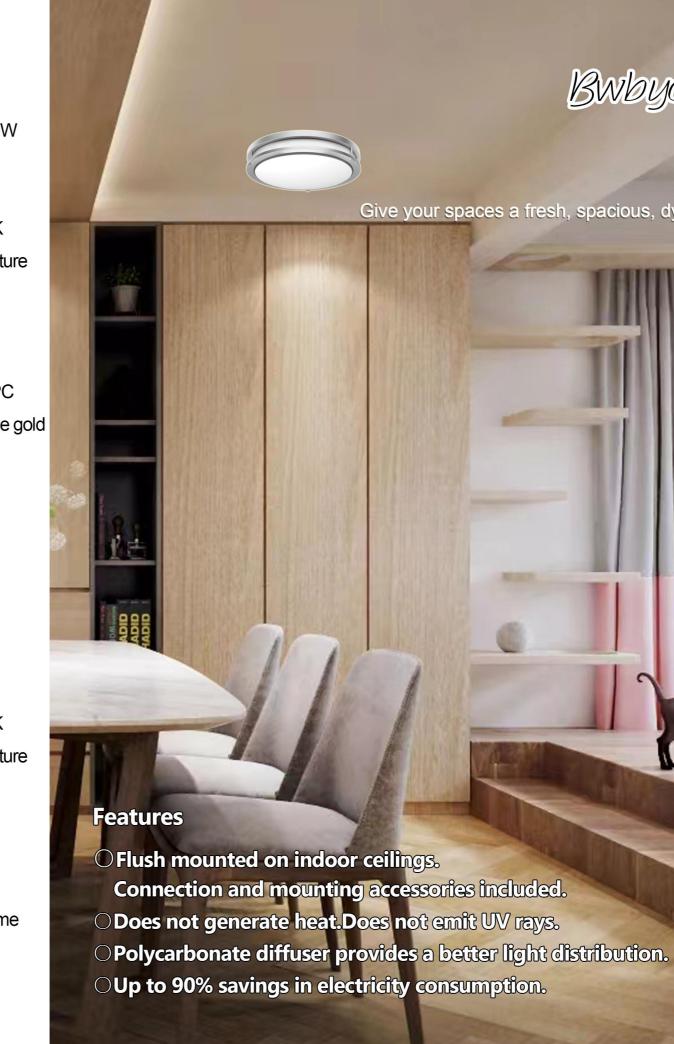
Power factor:>0.90

Dimensions:H 2.32" x D Φ11"(15W)

Housing material:Stell with PC

Finish color: Brushed Nickel, Polished Chrome

Working temperature: -20 ~ 40° C



Bwbyone*

Give your spaces a fresh, spacious, dynamic feel



Aluminum Trim Ceiling light, Available in 11", 14" and 15"



Single Aluminum Trim

Double Aluminum Trim

Electrical specs:120V~ 60 Hz

Power: Available in 15W, 20W, 25W,

Luminous:1750 Im(25W)

Chips model:SMD2835

Color temperature:27K/30K/35K/40K/50K

5 CCT in 1 Tunable or Single color temperature

CRI:Ra>80

Power factor:>0.90

Dimensions:H 3.86" x D Φ15"(25W)

Housing material: Aluminium frame with PC

Finish color: Brushed Nickel, Polished Chrome

Working temperature: -20 ~ 40° C

High Edge Ceiling light, Available in 11", 13" and 15"



High Edge Traditional

High Edge with Sensor

Electrical specs:120V~ 60 Hz

Power: Available in 15W, 20W, 25W,

Luminous:1450 lm(20W)

Chips model:SMD2835

Color temperature:27K/30K/35K/40K/50K

5 CCT in 1 Tunable or Single color temperature

CRI:Ra>80

Power factor:>0.90

Dimensions:H 2.44" x D Φ13"(20W)

Diffuser material:Polycarbonate

Finish color:White

Working temperature: -20 ~ 40° C



































UFO Flush Mount Disk Light, Available in 4",6",7"



BW-LBW-CL0606115

BW-LBW-CL0606110

Electrical specs:120V~ 60 Hz

Power: Available in 10W,15W

Luminous:1050 lm(15W)

Chips model:SMD2835

Color temperature: 30K/40K/50K 3 CCT in 1

Tunable or Single color temperature

CRI:Ra>80

Power factor:>0.90

Dimensions:H 1.4" x D Φ7"(15W)

Housing material: Aluminium with PC

Finish color: Brushed Nickel, Matt black, White

Working temperature: -20 ~ 40° C





BW-LBW-CL071115

RGB Smart control via APP

Electrical specs:120V~ 60 Hz

Power: Available in 15W, 20W, 25W,

Luminous:1050 lm(15W)

Chips model:SMD2835

Color temperature:27K/30K/35K/40K/50K

5 CCT in 1 Tunable or Single color temperature

CRI:Ra>80

Power factor:>0.90

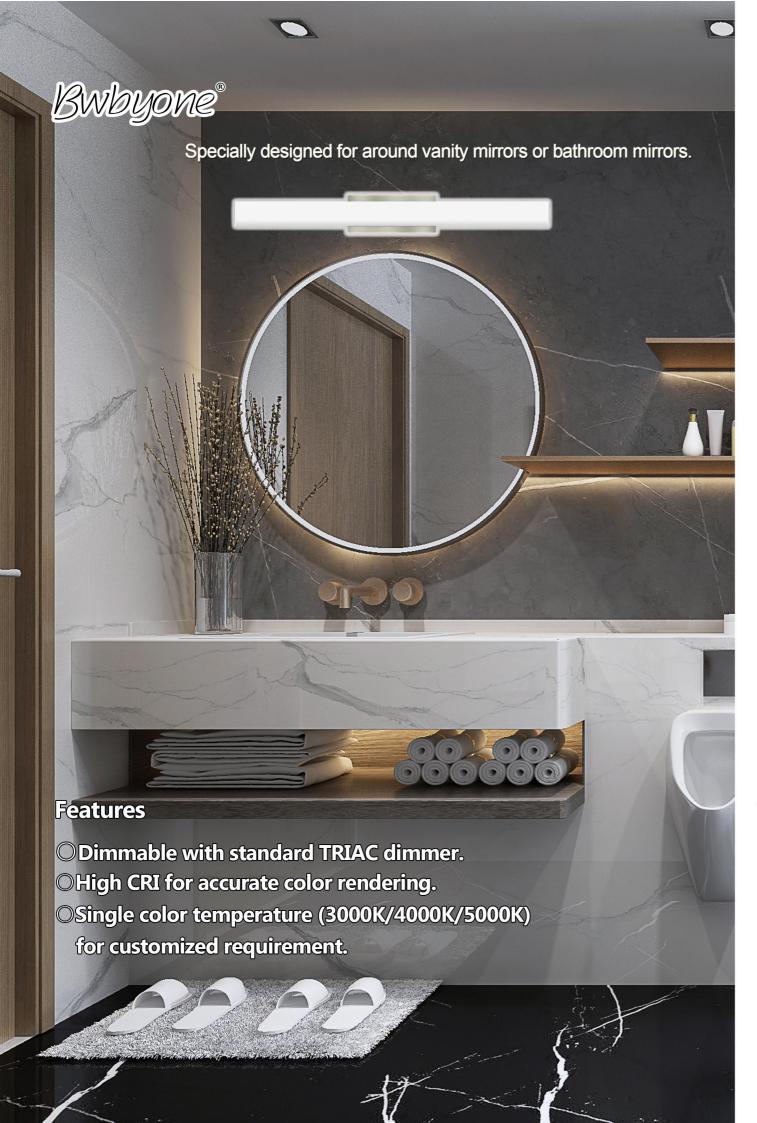
Dimensions:H 3.86" x D Φ10.3"(15W)

Diffuser material:Polycarbonate

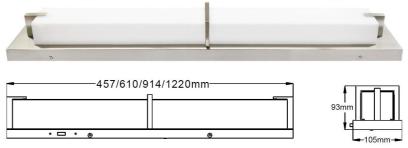
Finish color:White

Working temperature: -20 ~ 40° C





Rectangular with back mounting plate



Product Model:BW-YS0A-18/24/36/48-3 Electrical specs:AC 80V~127V/60Hz

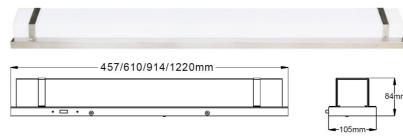
Power:15W/25W/30W/40W

Luminous:1050 lm(15W)/1400 lm(20W)/2100 lm(30W)/2800 lm(40W)

Color temperature:3000K&4000K&5000K CRI:Ra>80 Power factor:>0.85 Spreading angle:110° IP Grade:IP20

Housing material:Steel Diffuser plate material:Polycarbonate

Finish color: White +Brushed Nickel Working temperature: -20 ~ 40° C



Product Model:BW-YS0E-18/24/36/48-3 Electrical specs:AC 80V~127V/60Hz

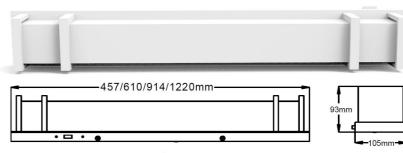
Power:15W/25W/30W/40W

Luminous:1050 lm(15W)/1400 lm(20W)/2100 lm(30W)/2800 lm(40W)

Color temperature:3000K&4000K&5000K CRI:Ra>80 Power factor:>0.85 Spreading angle:110° IP Grade:IP20

Housing material:Steel Diffuser plate material:Polycarbonate

Finish color: Milk White +Brushed Nickel Working temperature: -20 ~ 40° C



Product Model:BW-YS0B-18/24/36/48-3 Electrical specs:AC 80V~127V/60Hz

Power:15W/25W/30W/40W

Luminous:1050 lm(15W)/1400 lm(20W)/2100 lm(30W)/2800 lm(40W)

Color temperature:3000K&4000K&5000K CRI:Ra>80 Power factor:>0.85 Spreading angle:110° IP Grade:IP20

Housing material:Steel Diffuser plate material:Polycarbonate

Finish color: White +Brushed Nickel Working temperature: -20 ~ 40° C

Dimmable by **Triac Dimmer**









Dimmable by **Triac Dimmer**

PF>0.85

CRI RA>80





Rectangular with small back mounting plate



Product Model:BW-YS0D-18/24/36/48-3 Electrical specs:AC 80V~127V/60Hz

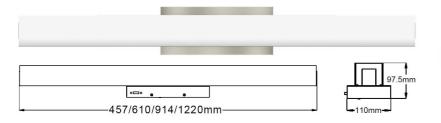
Power:15W/25W/30W/40W

Luminous:1050 lm(15W)/1400 lm(20W)/2100 lm(30W)/2800 lm(40W)

Color temperature:3000K&4000K&5000K CRI:Ra>80 Power factor:>0.85 Spreading angle:110° IP Grade:IP20

Housing material:Steel Diffuser plate material:Polycarbonate

Finish color: Matt White +Brushed Nickel Working temperature: -20 ~ 40° C



Product Model:BW-YS0F-18/24/36/48-3 Electrical specs:AC 80V \sim 127V/60Hz

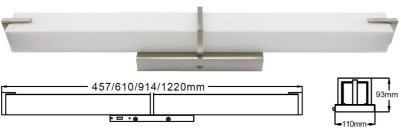
Power:15W/25W/30W/40W

Luminous:1050 lm(15W)/1400 lm(20W)/2100 lm(30W)/2800 lm(40W)

Color temperature:3000K&4000K&5000K CRI:Ra>80 Power factor:>0.85 Spreading angle:110° IP Grade:IP20

Housing material:Steel Diffuser plate material:Polycarbonate

Finish color: Milk White +Brushed Nickel Working temperature: -20 ~ 40° C



Product Model:BW-YS0G-18/24/36/48-3 Electrical specs:AC 80V \sim 127V/60Hz

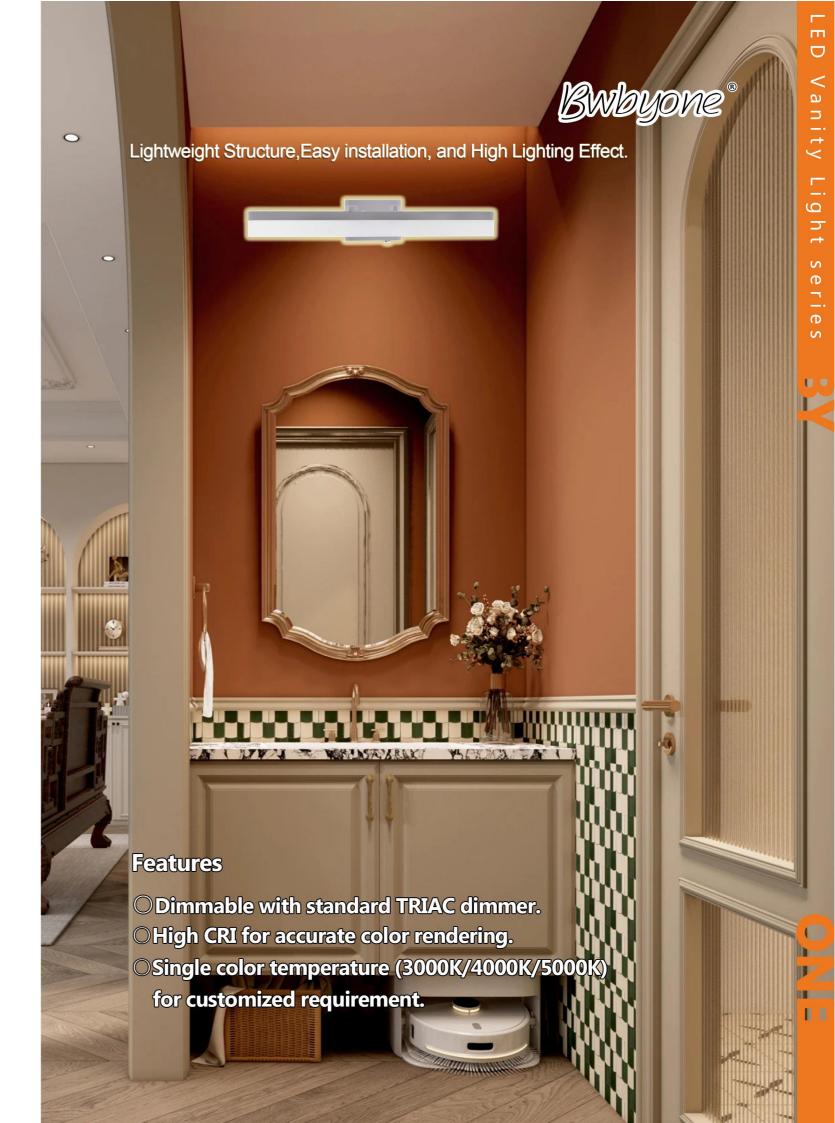
Power:15W/25W/30W/40W

Luminous:1050 lm(15W)/1400 lm(20W)/2100 lm(30W)/2800 lm(40W)

Color temperature:3000K&4000K&5000K CRI:Ra>80 Power factor:>0.85 Spreading angle:110° IP Grade:IP20

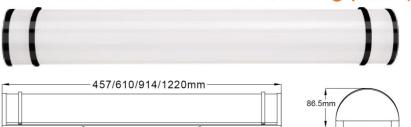
Housing material:Steel Diffuser plate material:Polycarbonate

Finish color: Milk White +Brushed Nickel Working temperature: -20 ~ 40° C





Semicircular with back mounting plate(3CCT In One)



Product Model:BW-YS2C-18/24/36/48-3 Electrical specs:AC 80V~127V/60Hz

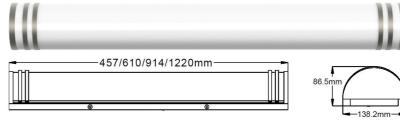
Power:15W/25W/30W/40W

Luminous:1200 lm(15W)/1600 lm(20W)/2400 lm(30W)/3200 lm(40W)

Color temperature:3000K&4000K&5000K CRI:Ra>80 Power factor:>0.85 Spreading angle:110° IP Grade:IP20

Housing material:Steel Diffuser plate material:Polycarbonate

Finish color: White +Brushed Nickel Working temperature: -20 ~ 40° C



Product Model:BW-YS0C-18/24/36/48-3 Electrical specs:AC 80V~127V/60Hz

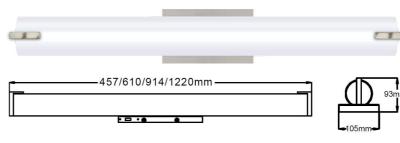
Power:15W/25W/30W/40W

Luminous:1200 lm(15W)/1600 lm(20W)/2400 lm(30W)/3200 lm(40W)

Color temperature:3000K&4000K&5000K CRI:Ra>80 Power factor:>0.85 Spreading angle:110° IP Grade:IP20

Housing material:Steel Diffuser plate material:Polycarbonate

Finish color: White +Brushed Nickel Working temperature: -20 ~ 40° C



Product Model:BW-YS0H-18/24/36/48-3 Electrical specs:AC 80V~127V/60Hz

Power:15W/25W/30W/40W

Luminous:1050 lm(15W)/1400 lm(20W)/2100 lm(30W)/2800 lm(40W)

Color temperature:3000K&4000K&5000K CRI:Ra>80 Power factor:>0.85 Spreading angle:110° IP Grade:IP20

Housing material:Steel Diffuser plate material:Polycarbonate

Finish color: Milk White +Brushed Nickel Working temperature: -20 ~ 40° C

Dimmable by **Triac Dimmer**

PF>0.85

CRI RA>80





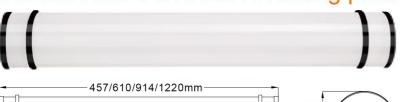
Dimmable by **Triac Dimmer**

PF>0.85

CRI RA>80



Semicircular with back mounting plate



Product Model:BW-YS2C-18/24/36/48-3 Electrical specs:AC 80V \sim 127V/60Hz

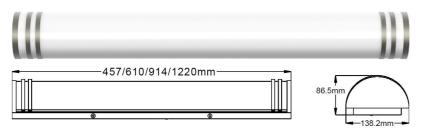
Power:15W/25W/30W/40W

Luminous:1200 lm(15W)/1600 lm(20W)/2400 lm(30W)/3200 lm(40W)

Color temperature:3000K/4000K/5000K CRI:Ra>80 Power factor:>0.85 Spreading angle:110° IP Grade:IP20

Housing material:Steel Diffuser plate material:Polycarbonate

Finish color: White +Brushed Nickel Working temperature: -20 ~ 40° C



Product Model:BW-YS0C-18/24/36/48-3 Electrical specs:AC 80V~127V/60Hz

Power:15W/25W/30W/40W

Luminous:1200 lm(15W)/1600 lm(20W)/2400 lm(30W)/3200 lm(40W)

Color temperature:3000K/4000K/5000K CRI:Ra>80 Power factor:>0.85 Spreading angle:110° IP Grade:IP20

Housing material:Steel Diffuser plate material:Polycarbonate

Finish color: White +Brushed Nickel Working temperature: -20 ~ 40° C



Product Model:BW-YS0H-18/24/36/48-3 Electrical specs:AC 80V~127V/60Hz

Power:15W/25W/30W/40W

Luminous:1050 lm(15W)/1400 lm(20W)/2100 lm(30W)/2800 lm(40W)

Color temperature:3000K/4000K/5000K CRI:Ra>80 Power factor:>0.85 Spreading angle:110° IP Grade:IP20

Housing material:Steel Diffuser plate material:Polycarbonate

Finish color: Milk White +Brushed Nickel Working temperature: -20 ~ 40° C



LED Wall Sconce

SMD 2835













BW-BD01A-11

Product specs:

Input Voltage: 120V,60Hz

Power: 12W

CCT: 3CCT IN 1 (3000K & 4000K &6 500K)

CRI: Ra>80

Power factory: >0.85 Luminous: ≥870LM Chips type: SMD2835

Material:Die Casting Aluminium frame + PMMA Cover

Finish color: Nickel plating/Matte black

Dimensions: Height: 252mm

Width: 180mm Extension: 85mm







