

UFO LED HIGHBAY SERIES



PRODUCT DESCRIPTION

The UFO series has the high-performance solution for the most demanding applications within a unique design. With different precision refractive optical lens and an easy-install design, it can be used in many applications such as workshop, warehouse, indoor stadium, factories, stockrooms, hotel, supermarket, etc.

FEATURE

1. Air cooling Design
2. IP65 Rated Enclosure
3. Suspension or Bracket Mounting
4. Optional Black or White color
5. Optional with Microwave Sensor
6. Optional with Emergency Driver



100W



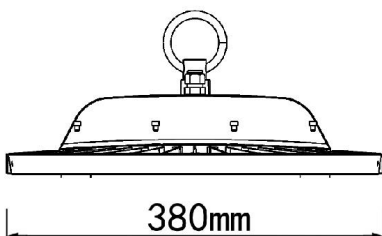
150W



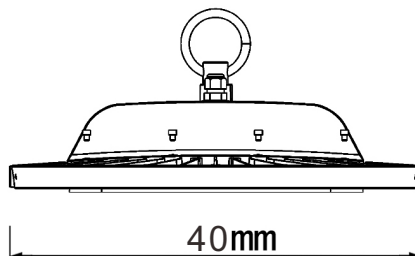
200W

BB-GKD-XXXW-E7

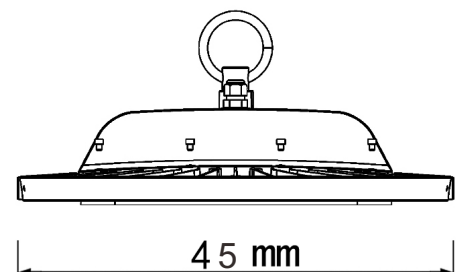
SIZE



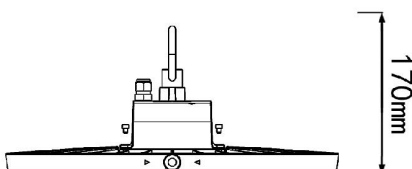
380mm



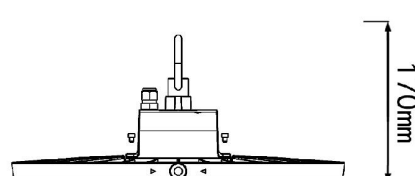
400mm



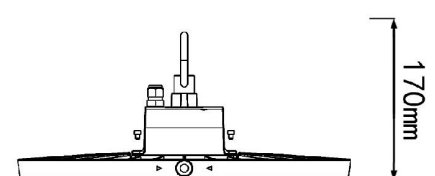
450mm



100W



150W



200W

Ordering Information

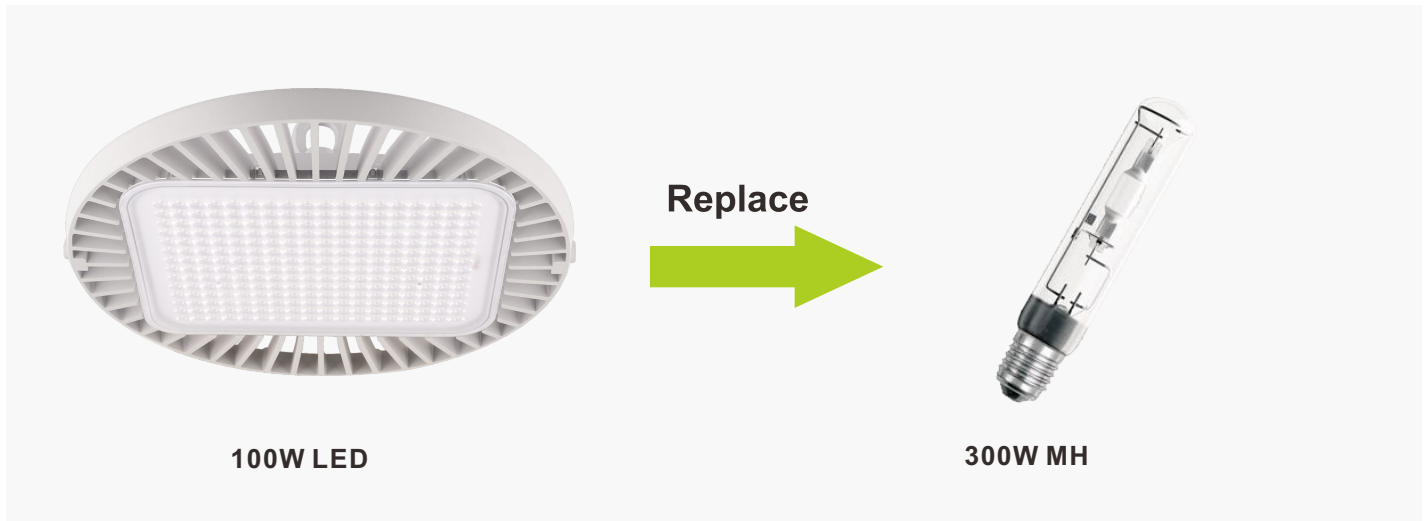
Area Series	Watts	Version	Bracket	CCT	Voltage	Color
BB-GKD	100W	E7	1 - Ring	SW-2700K	BLANK- 100-347VAC	White(default)
	150W		2 - Bracket	WW-3000K		Black(optional)
	200W		3 - Pole	NW-4100K		
				DW-5000K		
				CW-5700K		
				SCW-6500K		

PERFORMANCE DATA

Power	100W	150W	200W
Model	BB-GKD-100W-E7	BB-GKD-150W-E7	BB-GKD-200W-E7
Luminous Flux	14000lm	21000lm	28000lm
Replacement	HPS 300W	HPS 500W	HPS 700W
Operation Temp.	-40℃~+70℃		
Model differences	Different installation accessories:E1-Ring mounting;E2-Bracket mounting ;E3=Pole mounting		
Light Source	SMD LED		
Luminous Efficacy	140lm/W		
CCT	2700K SW / 3000K WW / 4100K NW / 5000K DW / 5700K CW		
CRI	80+		
Life Span	50,000 hours at 25℃		
Voltage	100-347VAC/50-60Hz		
Driver	UL listed power supply		
Dimming	Available Dali dimming optional		
Material	Aluminium alloy		
Sensor	Microwave sensor available		
Control System	APP, remote control, touch screen, light control and other control options available		
Beam Angle	90° (Lens)		
Cover	PC		
IP	65		
PF	>0.95		
Warranty	5Years		

PROJECTS

By using our 100W Highbay Light to replace 300W Metal Halide bulb for warehouse high bay lighting fixtures, the customer is now able to save a lot per month from his electric bill.

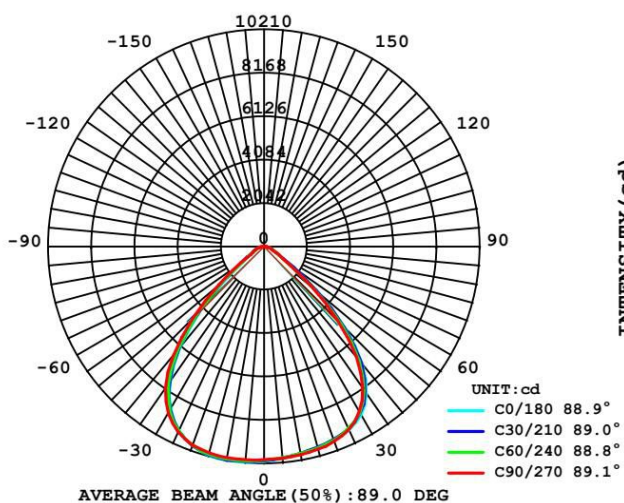


Notes:

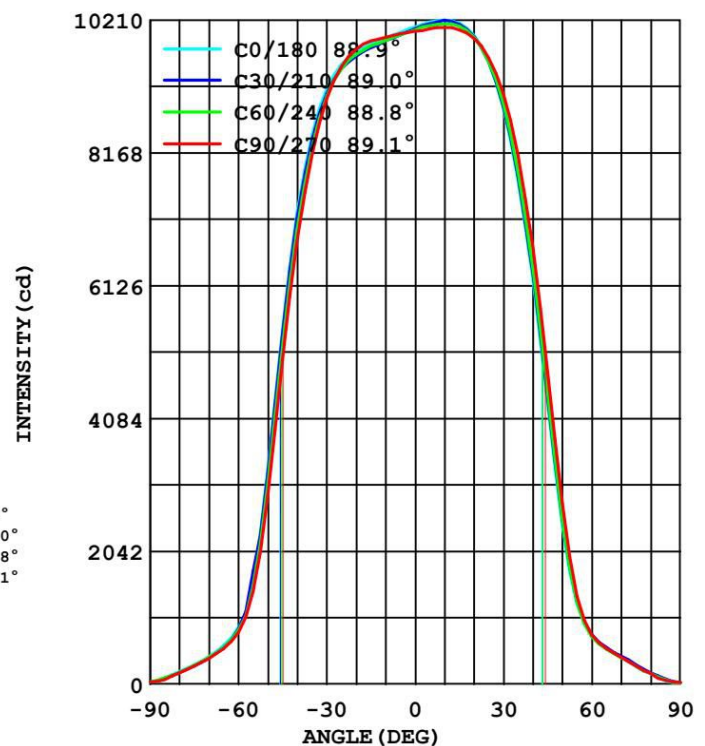
1. Don't take the LED lamp apart.
2. The LED lamp must work under the right voltage according to the specification.

LUMINOUS INTENSITY DISTRIBUTION

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



DETAILS

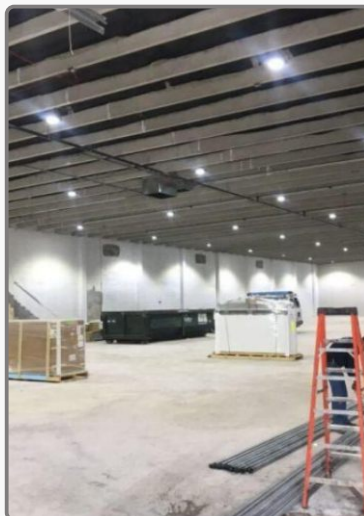
1. 3030 SMD LED, Imported chips.
2. Operation Temp.: $-40^{\circ}\text{C} \sim +70^{\circ}\text{C}$.
3. Luminous Efficacy: 160lm/W.
2. Aluminum die-casting heat sinks is good for heat dissipation.
3. UL listed power supply, Safe and reliable, long life.
4. It's major to replace the conventional highbay light.
5. Green, energy saving, long and reliable life of 50,000 hours.
6. No RF interference, No IR/UV radiation, no mercury pollution.
7. Wide colour availability in degrees Kelvin(K), 2700-6700K.
8. Streamline exterior design, beautiful appearance.
9. Environment friendly, energy saving (70~80%).
10. Special circuit design, each LED work separately,
avoiding the single broken LED influence problem.

APPLICATION

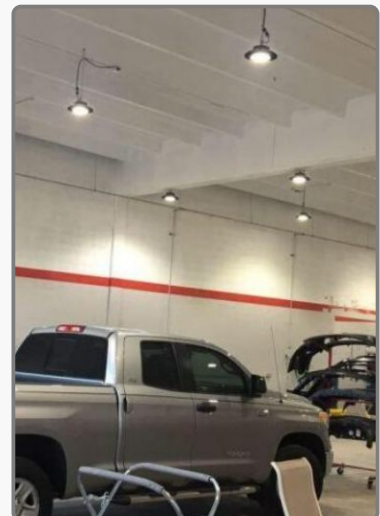
- Parking area lighting
- Workshop lighting
- Warehouse lighting
- Indoor stadium lighting
- Factories lighting



Warehouse lighting



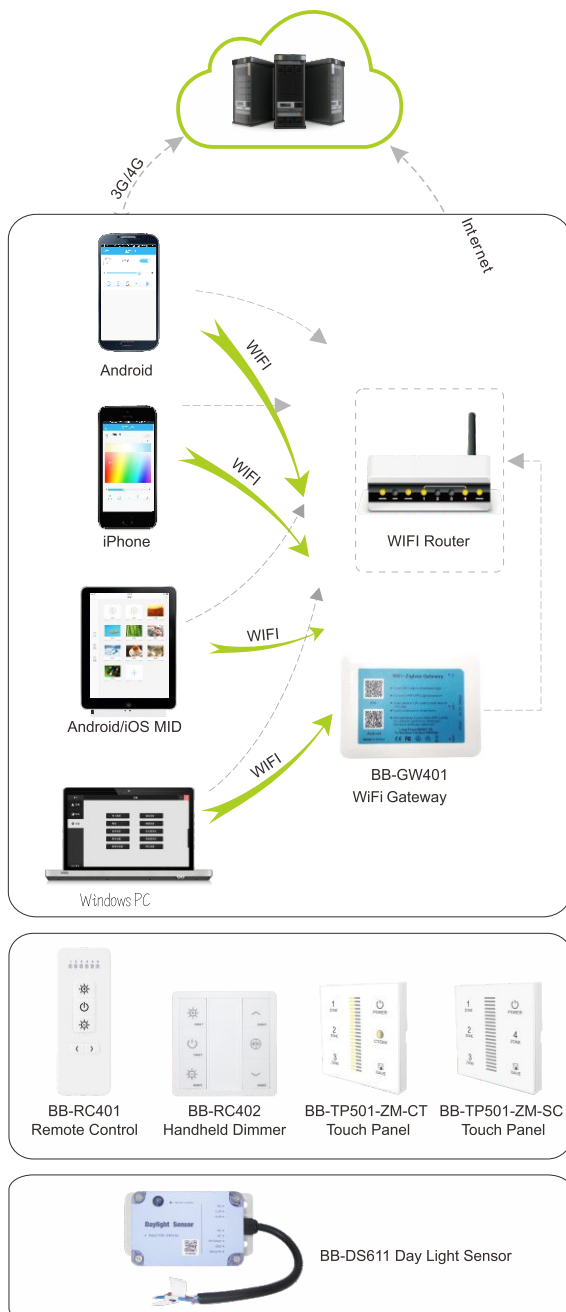
Factories lighting



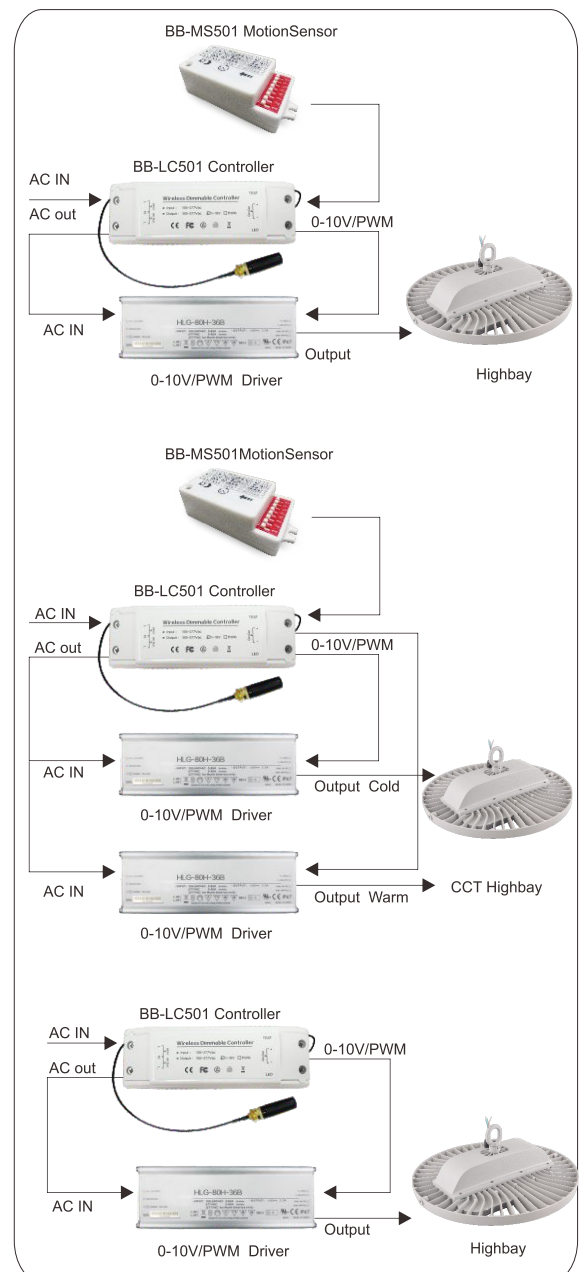
Garage lighting

HIGHBAY CONTROL SYSTEM

- Support automatic luminance change with embedded daylight sensor.
- Support automatic CCT change with embedded temperature sensor for CCT light.
- Support more 500 devices control by one gateway, one app.
- Support frequency hopping technology for strong anti-jamming ability.
- Support mesh network, control range is more 50 meters.
- Support storage of 500 devices QRcodes in gateway.
- Support schedule settings for each device.
- Support above 10 mobile devices control on station mode.
- Support remotely control via internet on station mode.
- Support remote control/touch panel/handheld dimmer control as optional.
- Support scene/area/group control based on user preset.
- Support encryption transmission.
- Support iOS/Android/Windows app.
- Support Motion sensor



Control



Lighting

System Diagram

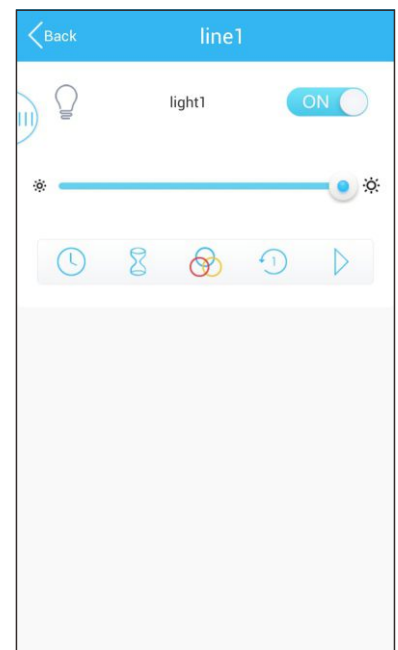
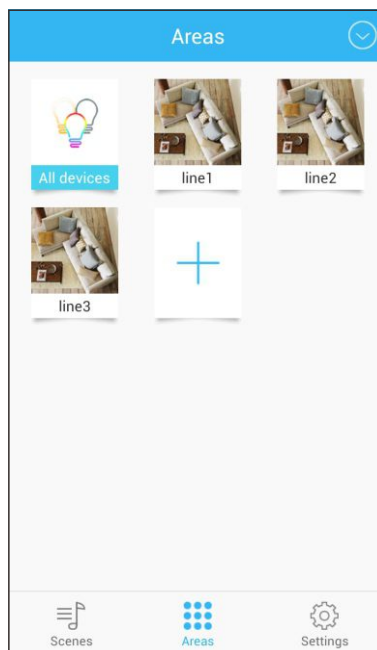
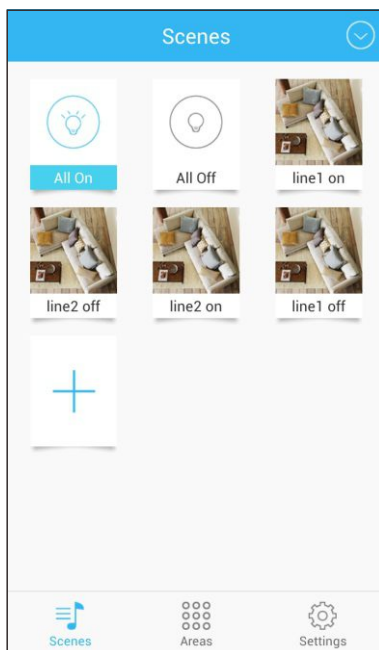
Parameters

Params	BB-GW501 WiFi-Zigbee Gateway	BB-RC402 Handheld Dimmer	BB-RC401 Remote Control	BB-TP501-ZM-CT Touch Panel
Input Voltage	5Vdc	5Vdc (Charge)	5Vdc (Charge)	110Vac - 240Vac
Adapter	5V1A MicroUSB	5V1A MicroUSB	5V1A MicroUSB	-
Standby Current	-	10uA	10uA	-
Frequency	2.4G	2.4G	2.4G	2.4G
Control Range	50m	50m	50m	30m
Operating Temp	-20°C - 70°C	-20°C - 50°C	-20°C - 50°C	-20°C - 55°C

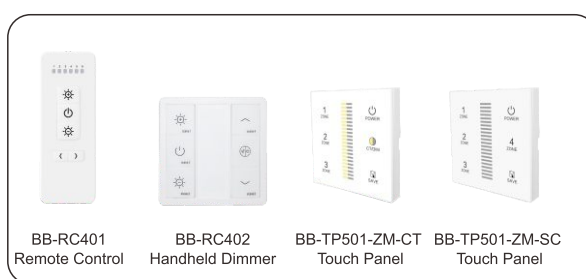
Params	BB-TP501-ZM-SC Touch Panel	BB-LC401 Daylight Sensor	BB-LC501 Controller	BB-MS501_12 MotionSensor
Input Voltage	110Vac - 240Vac	100-240Vac	100-240Vac	12Vdc
Adapter	-	-	0 - 10V	12Vdc
Standby Current	-	-	20mA	-
Frequency	2.4G	2.4GHz	2.4GHz	5.8GHz
Control Range	30m	50m	-	-
Operating Temp	-20°C - 55°C	-40°C - 85°C	-40°C - 85°C	-20°C - 60°C

iLightsIn Apps

The Apps can download from Apple app market and Android app market by searching iLightsIn. Windows version is also ready.



Optional Accessories



INSTALLATION

UFO LED Highbay Light has four kinds of installation:



1.Hook/Ring



2.Chain



3.Pole



4.Bracket

PACKING INFO



Packaging	Carton Size(mm) (L*W*H)	N.W	G.W	Volume weight
1pc/CTN(100W)	400x400x160	3.5kg	4.0kg	4.2kg
1pc/CTN(150W)	420x420x160	4.2kg	4.7kg	4.7kg
1pc/CTN(200W)	470x470x160	5.3kg	5.8kg	5.8kg