



whyLux

brighten days

**Industrial
Commercial
LED Lighting**



About Us

Our aim is to supply the right product for your needs whether it is a quality driven project or a price driven project, we can deliver the right product for you.

Whylux Lighting was born as a result of a gap in the market for high quality commercial and industrial lighting applications. By following product development in LED lighting market, Whylux Lighting has evolved to supply a wide range of lighting products to meet numerous industrial and commercial applications and budgets.

With dynamic innovation and vision within the lighting industry, Whylux Lighting consistently makes their product range always stay on top of the others in LED lighting market, using the most up to date manufacturing processes to ensure high quality, durable and affordable lighting solutions.

Sourcing the highest quality components for our products, followed by rigorous testing guarantees that Whylux products are far superior to other cheap alternatives, this backed by warranty offered on our products to assure customer satisfaction after installation.

Whylux Lighting is pleased to provide a number of services to complement our product range. Customer service is at the heart of our ethos; our team can offer you advice on which products are most suitable for your application and needs, before designing a lighting layout which maximizes your lighting efficiency.



Industrial LED Lighting Solutions

WhyLux industrial LED lighting solutions provide excellent illumination performance, not only consume less energy but also require less maintenance than traditional lighting solutions.

StarLite High Bay



Optional Reflectors



Black

PMMA

Silver

Optional Components



Microwave sensor

Emergency LED

Mounting Bracket

PC / Glass Diffuser



Wiring LED modules in parallel using constant current LED driver to avoid remaining modules overdriven if one or more LED modules failed



Replaceable LED Module for easy maintenance with Allen key



Thermal paste applied on both LED board and LED driver for better heat dissipation



Aluminium alloy 5052 fin heat sink enable effective heat dissipation control



Compact package design for saving shipping cost



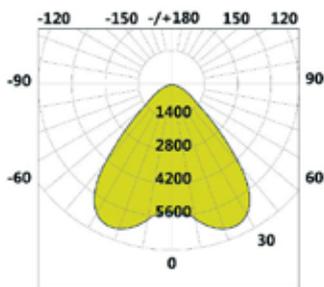
Features:

- Replace 150W-450W HID / MH / HPS High Bay
- Modular design with 6 LED modules form in fan shape with PC lens
- Mechanical Body Cooling System in aluminum alloy 5052 housing and heat sink enable larger and faster heat dissipation
- 40° or 100° lens reflection angles make lighting more efficient and evenly distributed
- Driver with 93.5% power efficiency
- Short circuit / overload / over voltage / over temperature protection
- Optional microwave sensor with 2 dimming settings: 1) 100%-30%-0%-30%, 2) 100%-30%-100%
- Optional dimming driver is capable to dim up to 10% of initial power consumption
- Optional emergency battery kit with 10W COB LED light

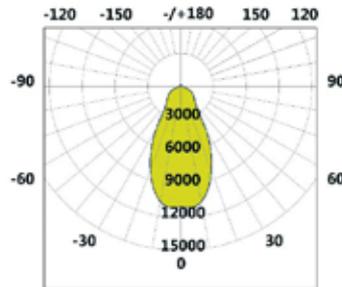
Applications: Factory, Workshop, Exhibition Hall, Supermarket, Warehouse, Bus Terminal

Photometric Diagram:

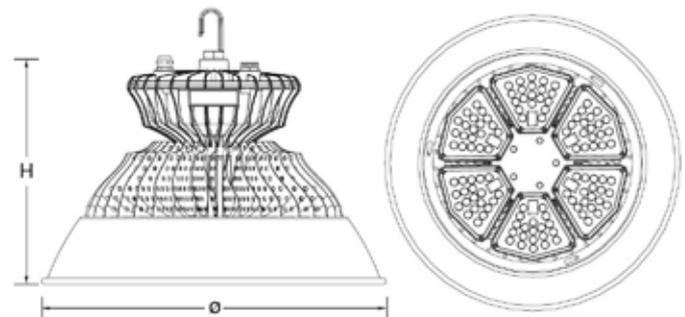
Dimensions:



Beam Angle 100°



Beam Angle 40°



Specifications:

LED Chips	NICHIA (SMD3030)			
Driver	MEANWELL (dimming) / HS (dimming and non dimming)			
Colour Temperature	4000K / 5000K / 6000K			
Model	WHY-SH090W	WHY-SH110W	WHY-SH130W	WHY-SH150W
Wattage	90W	110W	130W	150W
Lumen	9810lm	12000lm	13550lm	15750lm
Beam Angle	40° / 100°			
CRI	> 80			
THD	<18%			
Power Factor	0.94			
Input Voltage	AC90-305V (MEANWELL Driver) / AC110-277V (HS Driver)			
Lumen Maintenance	LM80 rated for 50,000 hours @25°C			
Dimming	0 – 10V analog dimming, 10V PWM signal dimming, 0-100K Ohms resistance dimming			
Ambient Temperature	-40°C ~ +50°C			
IP Grade	IP65			
Mounting Height	5 to 10m			
Choice of Reflector Colour	White / Black / Silver / PMMA			
Sensor	Optional microwave sensor available with HS Driver only			
Emergency	Optional 10W COB LED light with emergency battery			
Bracket	Optional bracket available with HS Driver only			
Size (White / Black Reflector)	ø340 x H216mm (MEANWELL Driver) / ø340 x H221mm (HS Driver)			
Size (Silver Reflector)	ø395 x H358mm (MEANWELL Driver) / ø395 x H363mm (HS Driver)			
Size (PMMA Reflector)	ø365 x H293mm (MEANWELL Driver) / ø365 x H298mm (HS Driver)			
Weight	3.2 Kg	3.2 Kg	4.1 Kg	4.1 Kg

TornadoLux High Bay



Optional Lens



LED with aluminium reflector and tempered glass

Optional Component



Mounting Bracket



Wiring LED modules in parallel using constant current LED driver to avoid remaining modules overdriven if one or more LED modules failed



Replaceable LED Module for easy maintenance with Allen key



Choice of PMMA lens for 100° beam angle & AL Reflector for 40° & 75° beam angle



Thermal paste applied on both LED board and LED driver for better heat dissipation



Aluminium alloy 5052 fin heat sink enable effective heat dissipation control

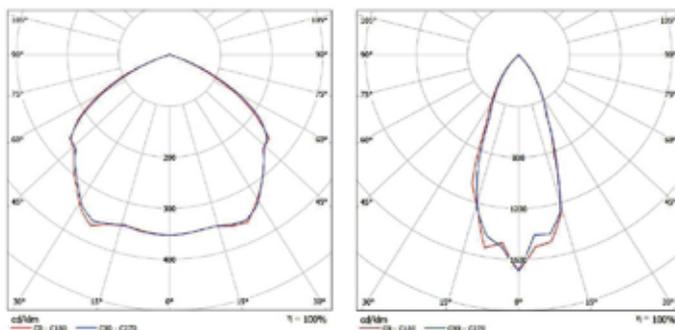


Features:

- Replace 450W-1500W HID / MH / HPS High Bay
- The fixture meet all Design Lights Consortium (DLC) requirements
- Mechanical Body Cooling System in Aluminum alloy 5052 housing and heat sink enable larger and faster heat dissipation
- 2 optional beam angle available: PMMA lens at 100° beam angle; Aluminum reflector with tempered glass at 40° and 75° beam angle
- CRI80 is much more superior compared with HID light source
- Built-in automatic linear dimming function up to 10% of initial power consumption
- Driver with 93.5% power efficiency
- Short circuit / overload / over voltage / over temperature protection – The driver will shut down and restart after fault conditions are removed

Applications: Factory, Workshop, Exhibition Hall, Supermarket, Warehouse, Bus Terminal

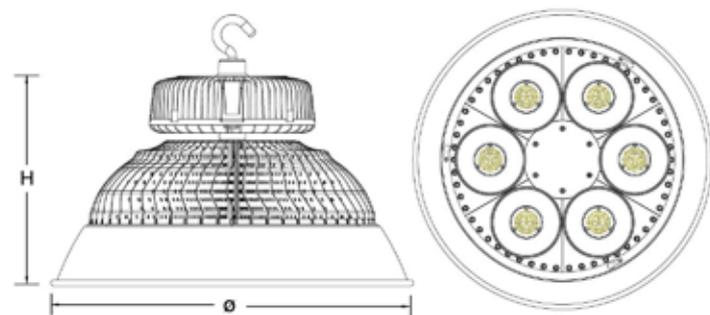
Photometric Diagram:



Beam Angle 100°

Beam Angle 40°

Dimensions:



Specifications:

LED Chips	NICHIA (SMD 3030)		
Driver	MEANWELL (Integrated Dimmer)		
Colour Temperature	4000K / 5000K / 6000K		
Model	WHY-THM170W	WHY-THM220W	WHY-THM260W
Wattage	170W	220W	260W
Lumen	18420lm	24640lm	31180lm
Beam Angle	40° / 75° (Aluminum Reflector), 100° (PMMA Lens)		
CRI	> 80		
THD	< 18%		
Power Factor	0.94		
Input Voltage	AC90-305V		
Lumen Maintenance	LM80 rated for 50,000 hours @25°C		
Dimming	0 – 10V analog dimming, 10V PWM signal dimming, 0-100K Ohms resistance dimming		
Ambient Temperature	-40°C ~ +50°C		
IP Grade	IP65		
Mounting Height	8 to 25m		
Choice of Reflector Colour	Black		
Bracket	Optional by request		
Size	ø420 x H265mm		
Weight	6.5 Kg	7.2 Kg	7.2 Kg

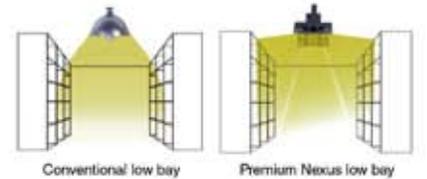
Nexus Low Bay



Each LED module with adjustable projection angle



Modular design for flexible power configuration



Designed for high rack storage applications requiring a wider light distribution



LED module with milky PC cover to reduce glare



3 types of luminous efficacy available - 130LPW / 110LPW / 100LPW

			
2 LED modules (70W/100W)	3 LED modules (105W/150W)	4 LED modules (140W/200W)	5 LED modules (175W/240W)

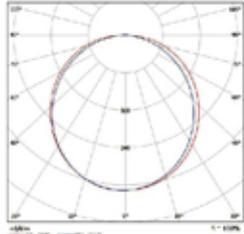


Features:

- Replace HID, MH or HPS 150W, 250W, 320W and 400W in 2/ 3/ 4/ 5 modular assembly pattern
- Made of Aluminum 6063 and Polymer transparent material
- Replace the conventional low bay for applications at 5 to 8 meters mounting height
- Varied luminous efficacy: Energy Saving type at 100LPW; Economy type at 110LPW; Advanced type at 130LPW
- Adjustable mounting bracket design for flexible light distribution angle
- Each LED module can adjust its projection angle separately for various directions

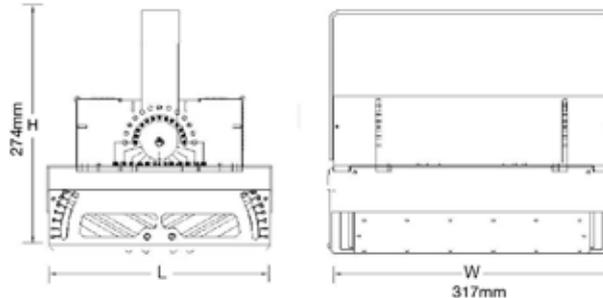
Applications: Factory, Workshop, Exhibition Hall, Supermarket, Warehouse, Bus Terminal

Photometric Diagram:



Beam Angle 120°

Dimensions:



General Specifications:

Beam Angle	120°
CRI	70 / 80
Power Factor	0.95
Input Voltage	AC90-277V
Ambient Temperature	-20°C ~ +50°C
IP Grade	IP65
Colour Temperature	3000K / 4000K / 5000K / 6000K
Mounting Height	5 to 8m

Specifications For Advanced Type 130lm/W:

LED Chips	Hongli (SMD)			
Driver	MEANWELL			
Model	WHY-LB070A	WHY-LB105A	WHY-LB140A	WHY-LB175A
Wattage	70W	105W	140W	175W
Lumen	9100lm	13650lm	18200lm	22750lm
Size	L247 x W317 x H274mm	L366 x W317 x H274mm	L485 x W317 x H274mm	L604 x W317 x H274mm
Weight	6.3 kg	7.8 kg	9.4 kg	11.0 kg

Specifications For Economy Type 110lm/W:

LED Chips	Hongli (SMD)			
Driver	MEANWELL			
Model	WHY-LB100E	WHY-LB150E	WHY-LB200E	WHY-LB240E
Wattage	100W	150W	200W	240W
Lumen	11000lm	16500lm	22000lm	26400lm
Size	L247 x W317 x H274mm	L366 x W317 x H274mm	L485 x W317 x H274mm	L604 x W317 x H274mm
Weight	6.3 kg	7.8 kg	9.4 kg	11.0 kg

Specifications For Energy Saving Type 100lm/W:

LED Chips	SANAN (SMD)			
Driver	WHYLUX			
Model	WHY-LB100S	WHY-LB150S	WHY-LB200S	WHY-LB240S
Wattage	100W	150W	200W	240W
Lumen	10000lm	15000lm	20000lm	24000lm
Size	L247 x W317 x H274mm	L366 x W317 x H274mm	L485 x W317 x H274mm	L604 x W317 x H274mm
Weight	6.3 kg	7.8 kg	9.4 kg	11.0 kg

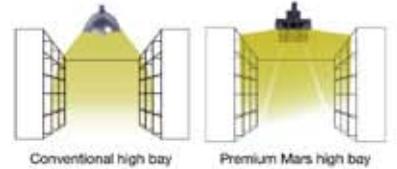
Mars High Bay



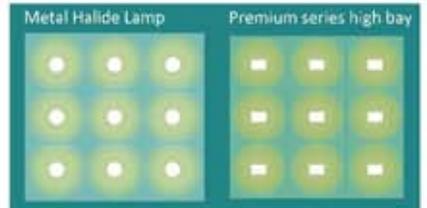
Each LED module with adjustable projection angle



Modular design for flexible power configuration



A wider projection surface can be achieved by adjusting the angle of each LED module



Square optic lens with high uniformity and no shadowing



Both COB or SMD LED module are available for selection

2 LED modules (70W/100W)	3 LED modules (105W/150W)	4 LED modules (140W/200W)	5 LED modules (175W/240W)

Optional Lens

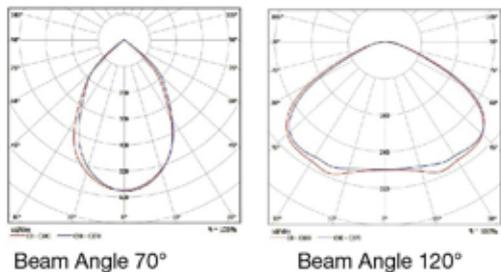


Features:

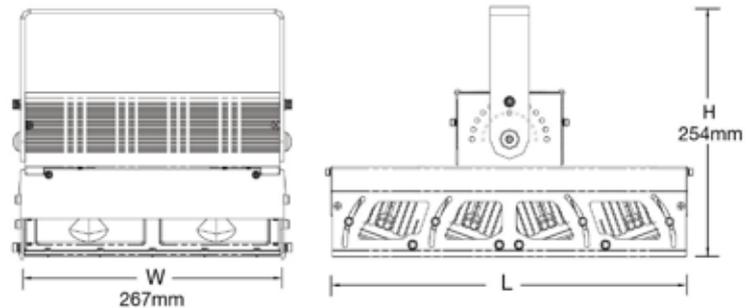
- Replace HID, MH or HPS 150W, 250W, 320W and 400W in 2/ 3/ 4/ 5 modular assembly pattern
- Made of Aluminum 6063 and Polymer transparent material
- Specialized square optics lens for higher uniformity and no shadowing effects
- Adjustable modular design, lighting angle of each LED module can be adjusted separately; light is distributed to the various directions freely
- Varied efficacy: Energy saving type at 100LPW; Economy type at 110LPW; and Advanced type at 140LPW
- Best mounting height at 8-12 meters

Applications: Factory, Workshop, Exhibition Hall, Supermarket, Warehouse, Bus Terminal, Car Park

Photometric Diagram:



Dimensions:



General Specifications:

Beam Angle	70° / 120°
CRI	70 / 80
Power Factor	0.95
Input Voltage	AC90-277V
Ambient Temperature	-20°C ~ +50°C
IP Grade	IP65
Colour Temperature	3000K / 4000K / 5000K
Mounting Height	8 to 12m

Specifications For Advanced Type 140lm/W:

LED Chips	CITIZEN (COB) / ELETECH (SMD)			
Driver	MEANWELL			
Model	WHY-HB070A	WHY-HB105A	WHY-HB140A	WHY-HB175A
Wattage	70W	105W	140W	175W
Lumen	9800lm	14700lm	19600lm	24500lm
Size	L186 x W267 x H254mm	L274 x W267 x H254mm	L362 x W267 x H254mm	L450 x W267 x H254mm
Weight	5.4 Kg	6.7 Kg	7.9 Kg	8.7 Kg

Specifications For Economy Type 110lm/W:

LED Chips	CITIZEN (COB) / BRIDGELUX (SMD)			
Driver	MEANWELL			
Model	WHY-HB100E	WHY-HB150E	WHY-HB200E	WHY-HB240E
Wattage	100W	150W	200W	240W
Lumen	11000lm	16500lm	22000lm	26400lm
Size	L186 x W267 x H254mm	L274 x W267 x H254mm	L362 x W267 x H254mm	L450 x W267 x H254mm
Weight	5.4 Kg	6.7 Kg	7.9 Kg	8.7 Kg

Specifications For Energy Saving Type 100lm/W:

LED Chips	SHINEON (COB) / SANAN (SMD)			
Driver	WHYLUX			
Model	WHY-HB100S	WHY-HB150S	WHY-HB200S	WHY-HB240S
Wattage	100W	150W	200W	240W
Lumen	10000lm	15000lm	20000lm	24000lm
Size	L186 x W267 x H254mm	L274 x W267 x H254mm	L362 x W267 x H254mm	L450 x W267 x H254mm
Weight	5.4 Kg	6.7 Kg	7.9 Kg	8.7 Kg

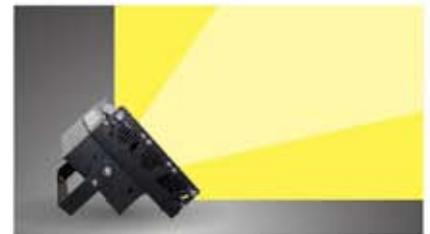
Sunburst Flood Light



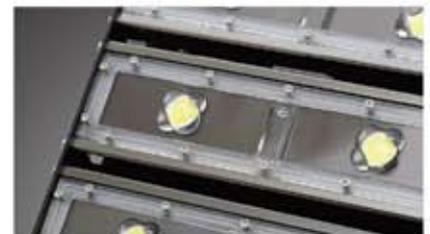
Each LED module with adjustable projection angle



Modular design for flexible power configuration



A wider projection surface can be achieved by adjusting the angle of each LED module



3 types of luminous efficacy available for selection – 140LPW, 110LPW, 100LPW



Both COB or SMD LED module are available for selection

2 LED modules (70W/100W)	3 LED modules (105W/150W)	4 LED modules (140W/200W)	5 LED modules (175W/240W)

Optional Lens



Beam Angle 70°

Beam Angle 120°

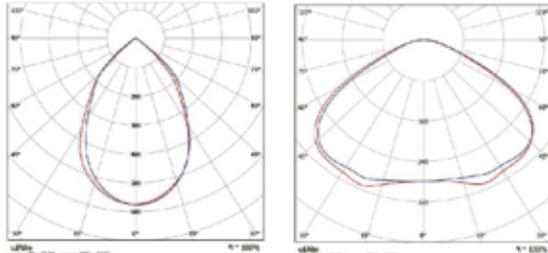


Features:

- Replace HID, MH or HPS 150W, 250W, 320W and 400W in 2 / 3 / 4 / 5 modular assembly patterns
- Made of Aluminum 6063 and Polymer transparent material
- Modular design, each piece of LED module can adjust its projection angle separately
- The square light and wider light distribution can be achieved
- Varied luminous efficacy available: Energy Saving type at 100LPW, Economy type at 110LPW, and Advanced type at 140LPW

Applications: Building Landscape, Car Park, Billboard, Indoor Stadium, Tennis Court, Swimming Pool

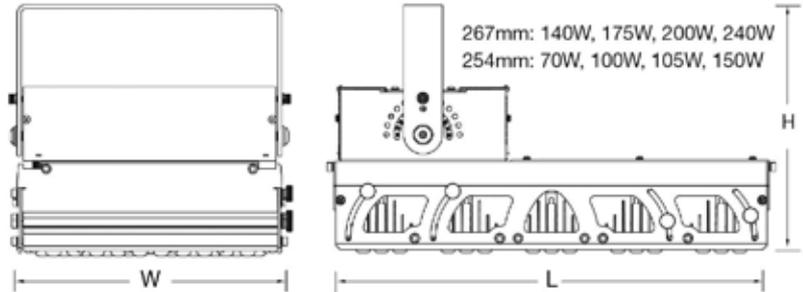
Photometric Diagram:



Beam Angle 70°

Beam Angle 120°

Dimensions:



270mm: 140W, 175W, 200W, 240W
267mm: 70W, 100W, 105W, 150W

General Specifications:

Beam Angle	70° / 120°
CRI	70 / 80
Power Factor	0.95
Input Voltage	AC90-277V
Ambient Temperature	-20°C ~ +50°C
IP Grade	IP65
Colour Temperature	3000K / 4000K / 5000K

Specifications For Advanced Type 140lm/W:

LED Chips	CITIZEN (COB) / ELEXTECH (SMD)			
Driver	MEANWELL			
Model	WHY-FL070A	WHY-FL105A	WHY-FL140A	WHY-FL175A
Wattage	70W	105W	140W	175W
Lumen	9800lm	14700lm	19600lm	24500lm
Size	L186 x W267 x H254mm	L274 x W267 x H254mm	L363 x W270 x H257mm	L451 x W270 x H257mm
Weight	5.4 Kg	6.7 Kg	7.9 Kg	8.7 Kg

Specifications For Economy Type 110lm/W:

LED Chips	CITIZEN (COB) / BRIDGELUX (SMD)			
Driver	MEANWELL			
Model	WHY-FL100E	WHY-FL150E	WHY-FL200E	WHY-FL240E
Wattage	70W	150W	200W	240W
Lumen	9800lm	16500lm	22000lm	26400lm
Size	L186 x W267 x H254mm	L274 x W267 x H254mm	L363 x W270 x H257mm	L451 x W270 x H257mm
Weight	5.4 Kg	6.7 Kg	7.9 Kg	8.7 Kg

Specifications For Energy Saving Type 100lm/W:

LED Chips	SHINEON (COB) / SANAN (SMD)			
Driver	WHYLUX			
Model	WHY-FL100S	WHY-FL150S	WHY-FL200S	WHY-FL240S
Wattage	100W	150W	200W	240W
Lumen	10000lm	15000lm	20000lm	24000lm
Size	L186 x W267 x H254mm	L274 x W267 x H254mm	L363 x W270 x H257mm	L451 x W270 x H257mm
Weight	5.4 Kg	6.7 Kg	7.9 Kg	8.7 Kg

Glory Street Light



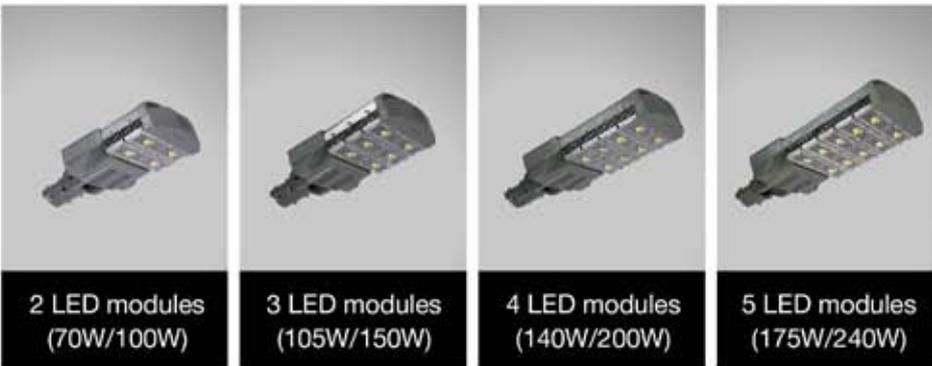
Modular design for flexible power configuration



Adjustable projection angle for different road and installation conditions



Surge protection against storm surge up to 15KV



Optional Lens



Type II
Beam Angle 106°



Type III
Beam Angle 120°



Specialized optional lens design to meet different road conditions



Both COB or SMD LED module are available for selection

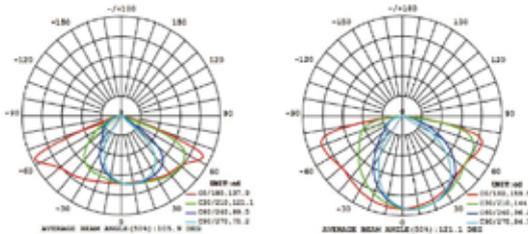


Features:

- Replace HID or MH 150W, 250W and 400W
- Modular design allows to configure different power with flexibility
- 2 types of specialized optics lens available for different road conditions by request
- Varied efficacy: Energy Saving type at 100LPW; Economy type at 110LPW and Advanced type at 140LPW
- Up to 15kV lightning surge protection
- Adjustable projection angle for different road conditions
- LED driver can be installed into street light power box or mounted in the bottom part of the lamp pole
- Special arc light body structure with no icing up design to avoid ice drop down

Applications: Street, Highway, Outdoor Area

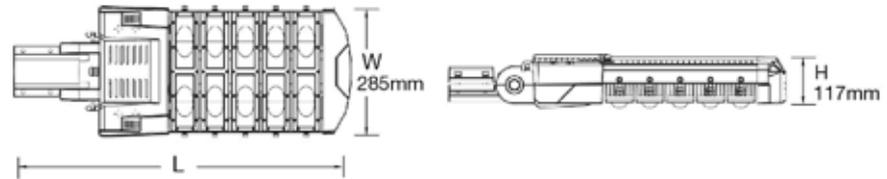
Photometric Diagram:



Type II Beam
Angle 106°

Type III Beam
Angle 120°

Dimensions:



General Specifications:

Beam Angle	Type II 106° / Type III 120°
CRI	70 / 80
Power Factor	0.95
Input Voltage	AC90-277V
Ambient Temperature	-40°C ~ +50°C
IP Grade	IP65
Colour Temperature	3000K / 4000K / 5000K

Specifications For Advanced Type 140lm/W:

LED Chips	CITIZEN (COB) / ELEXTECH (SMD)			
Driver	MEANWELL			
Model	WHY-SL070A	WHY-SL105A	WHY-SL140A	WHY-SL175A
Wattage	70W	105W	140W	175W
Lumen	9800lm	14700lm	19600lm	24500lm
Size	L533 x W285 x H117mm	L599 x W285 x H117mm	L663 x W285 x H117mm	L729 x W285 x H117mm
Weight	8.1 Kg	9.2 Kg	10.3 Kg	11.1 Kg

Specifications For Economy Type 110lm/W:

LED Chips	CITIZEN (COB) / BRIDGELUX (SMD)			
Driver	MEANWELL			
Model	WHY-SL100E	WHY-SL150E	WHY-SL200E	WHY-SL240E
Wattage	100W	150W	200W	240W
Lumen	11000lm	16500lm	22000lm	26400lm
Size	L533 x W285 x H117mm	L599 x W285 x H117mm	L663 x W285 x H117mm	L729 x W285 x H117mm
Weight	8.1 Kg	9.2 Kg	10.3 Kg	11.1 Kg

Specifications For Energy Saving Type 100lm/W:

LED Chips	SHINEON (COB) / SANAN (SMD)			
Driver	WHYLUX			
Model	WHY-SL100S	WHY-SL150S	WHY-SL200S	WHY-SL240S
Wattage	100W	150W	200W	240W
Lumen	10000lm	15000lm	20000lm	24000lm
Size	L533 x W285 x H117mm	L599 x W285 x H117mm	L663 x W285 x H117mm	L729 x W285 x H117mm
Weight	8.1 Kg	9.2 Kg	10.3 Kg	11.1 Kg

HPFL Flood Light



Patent condensing lens with >91% light transmission



Austenite 304 series stainless steel double screw design



With rotatable LED module for 11 different angle settings to fulfill all spot lighting needs



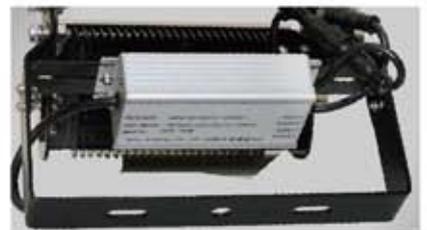
Optional Lens



Beam Angle 15° / 30° / 45° / 60°



Beam Angle 110°



IP67 rated LED driver and fast connector to ensure fixture integrity

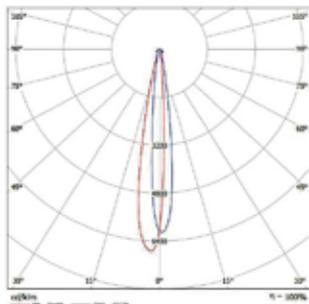


Features:

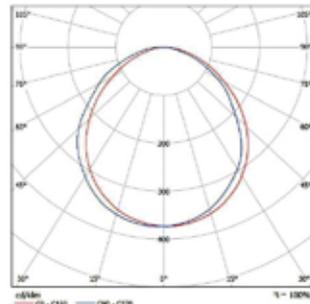
- Meanwell power supply with CREE/Samsung LED chips
- Structural stability and shock resistance are ensured by using Austenite 304 stainless steel double screw for all lock up
- Made of aluminum fin 1060 housing
- Arc bracket design allow flexible 180° degree of mounting direction
- LED modular design for flexible power configuration and easy maintenance
- Each module can rotate up to 11 different angle settings to fulfill all spot lighting needs
- 91% light transmittance lens made from Japanese Mitsubishi original material
- 15° / 30° / 45° / 60° / 110° beam angle for various application needs

Applications: Building Landscape, Car Park, Billboard, Indoor Stadium, Tennis Court, Swimming Pool

Photometric Diagram:

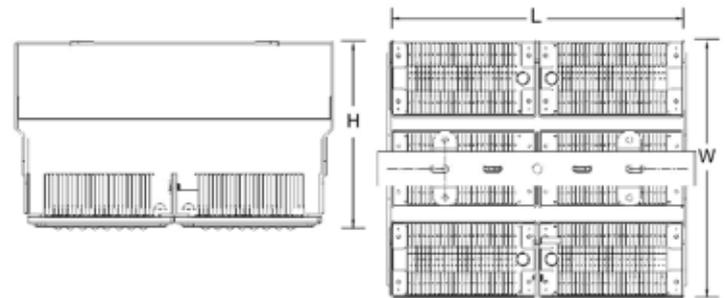


Beam Angle 15°



Beam Angle 110°

Dimensions:



General Specifications:

LED Chips	CREE / SAMSUNG				
Driver	MEANWELL / WHYLUX				
Colour Temperature	3000K / 4000K / 5000K / 6000K				
Model	WHY-FLL-050W	WHY-FLL-100W	WHY-FLL-150W	WHY-FLL-200W	WHY-FLL-300W
Wattage	50W	100W	150W	200W	300W
Lamp Luminous Flux	90-95lm/W (CREE), 110-120lm/W (SAMSUNG)				
Beam Angle	15° / 30° / 45° / 60° (CREE), 30° / 60° / 110° (SAMSUNG)				
CRI	>80				
Power Factor	0.95				
Input Voltage	AC85-277V				
Ambient Temperature	-40°C ~ +60°C				
Mounting Height	10 to 50m				
IP Grade	IP65				
Size	L238 x W102 x H178mm	L238 x W219 x H227mm	L238 x W340 x H227mm	L425 x W219 x H227mm	L425 x W340 x H227mm
Weight	2.1 kg	3.2 kg	4.1 kg	5.5 kg	7.5 kg

HPHB High Bay



Adjustable mounting bracket in 13 positions allows the lamp to adjust its projection angle up to 216°



By riveting copper pipes from LED modules to the fin heatsink, the heat can be quickly and evenly transferred to heatsink



A special respirator design on the reflector prevents water, fog and liquid condensation



By adding a nano-ceramic layer in the PCB, it can greatly improve the efficiency of heat dissipation



With purified aluminum reflector, the reflective rate is up to 92%



Optional Lens

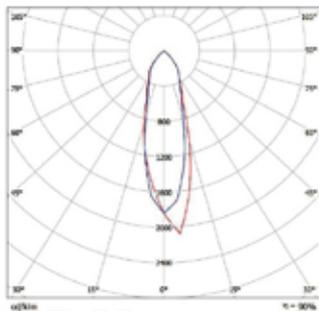


Features:

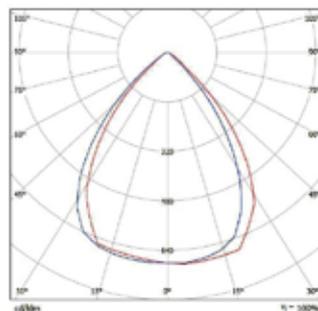
- Available in Bridgelux or CREE LED Chips and Meanwell driver
- Replace HID/MH/HPS 250W to 1000W
- Made of aluminum housing coated by electrophoretic and anti-corrosive paint
- Adjustable mounting bracket in 13 positions allows the lamp to adjust its projection angle up to 216°
- Riveting copper heat pipes from LED module to the heatsink fin allow the heat transfer to heat sink quickly and evenly(300W, 400W and 500W)
- A special designed respirator on the reflector prevents water, fog and liquid condensation
- A nano-ceramic layer in the PCB improves the efficiency of heat dissipation
- Installation by Suspension, Wall mounting and Column mounting

Applications: Factory, Workshop, Car Park, Warehouse, Sports Hall

Photometric Diagram:

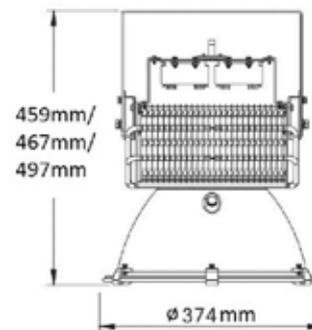


Beam Angle 25°



Beam Angle 90°

Dimensions:



General Specifications:

LED Chips	BRIDGELUX (3020) / CREE (XBD)				
Driver	MEANWELL				
Colour Temperature	2700-3200K / 4000-4500K / 6000-6500K				
Model	WHY-HBX-150W	WHY-HBX-200W	WHY-HBX-300W	WHY-HBX-400W	WHY-HBX-500W
Wattage	150W	200W	300W	400W	500W
Lumen	12000lm	16000lm	24000lm	32000lm	40000lm
Beam Angle	25° / 60° / 90°				
CRI	>80				
Power Factor	0.95				
Input Voltage	AC85-265V				
Material	Aluminum and tempered glass				
Ambient Temperature	-40°C ~ +60°C				
Mounting Height	10 to 30m				
IP Grade	IP65				
Size	ø374 x 459mm	ø374 x 459mm	ø374 x 467mm	ø374 x 459mm	ø374 x 497mm
Weight	6.5 kg	8.5 kg	8.5 kg	9.5 kg	12.0 kg

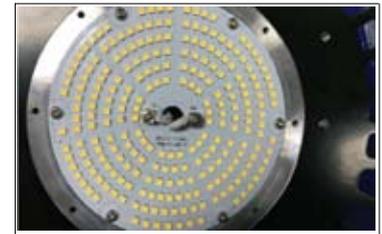
LunaLite Highbay



Integrated Meanwell driver with excellent heat dissipation ability



With 130lm/W High light efficiency



High quality Philips LEDs with low lumen decay (LM80).



Reflectors



60° PC reflector



60° Aluminium reflector



90° Aluminium reflector

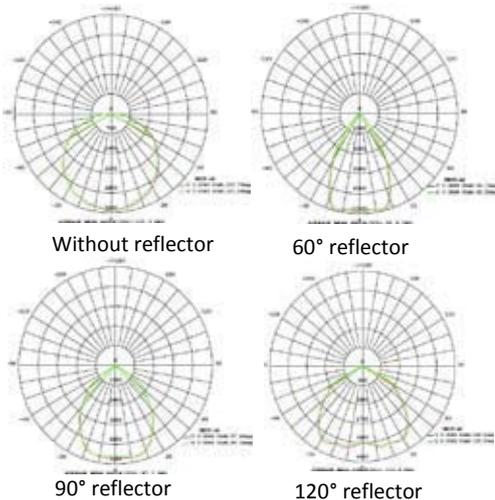


Features:

- Direct replacement of HID / MH / HPS lamp bulb e.g. 100W->250W, 150W->300W, 200W->400W
- Philips 3030 LEDs with low lumen decay (LM80)
- High quality aluminum cold forging heatsink to enhances the heat dissipation and lumen maintenance
- Integrated external Meanwell driver for better terminal management
- LM80 approved LEDs with up to 130lm/W lumen output

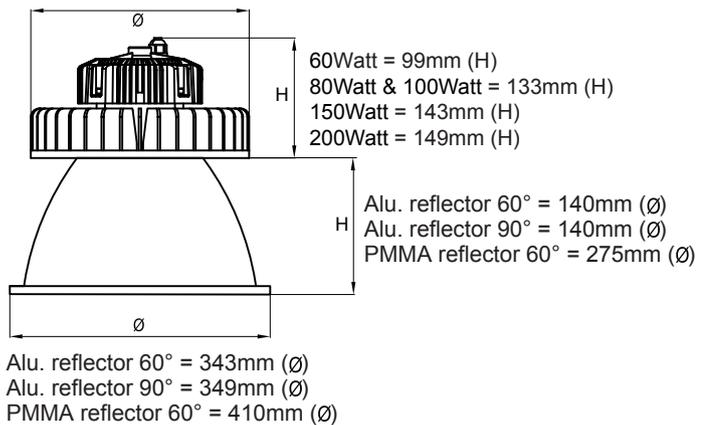
Applications: Factory, Workshop, Exhibition Hall, Supermarket, Warehouse, Bus Terminal

Photometric Diagram:



Dimensions:

60Watt = 180mm (∅)
 80Watt & 100Watt = 230mm (∅)
 150Watt = 260mm (∅)
 200Watt = 300mm (∅)



Specifications:

LED Chips	PHILIPS 3030 SMD				
Driver	MEANWELL HBG (Dimming & Non Dimming)				
Model	WHY-LH60W	WHY-LH80W	WHY-LH100W	WHY-LH150W	WHY-LH200W
Wattage	60W	80W	100W	150W	200W
Lumen	7800lm	9600lm	13000lm	18000lm	25000lm
Weight	2.2Kg	3.2Kg	3.2Kg	3.9Kg	5.2Kg
Lamp Body Size	∅180 x 158mm	∅230 x 180mm	∅230 x 180mm	∅260 x 189mm	∅300 x 189mm
Luminous Efficacy	120-130lm/W				
Color Temperature	3000K / 4000K / 5000K / 6000K				
Input Voltage	AC90-305V				
CRI	≥80				
Ambient Temperature	-20°C ~ +45°C				
Beam Angle	60° / 90°				
Power Factor	0.95				
Mounting Height	5m-12m				
IP Grade	IP65				
Reflector Color	White / Silver / Black				
Sensor	Optional microwave sensor available				

UFO Highbay



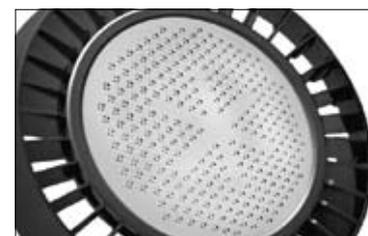
Wide aluminum plate with vents design for fast and effective heat dissipation



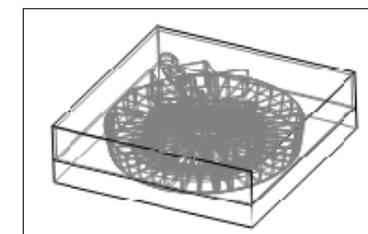
Unique UFO flat housing and patent hidden reflector design, fixed by stainless steel screws



High quality die-cast aluminum heatsink and powder paint surface to ensure the product durability



Wider LED PCB and external Meanwell driver enhances the heat dissipation and lumen maintenance



Compact package design for saving shipping cost



100W 150W 200W

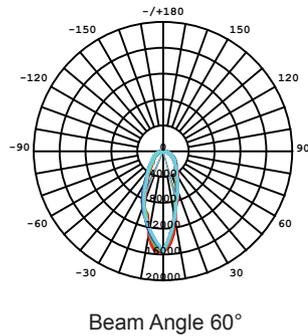


Features:

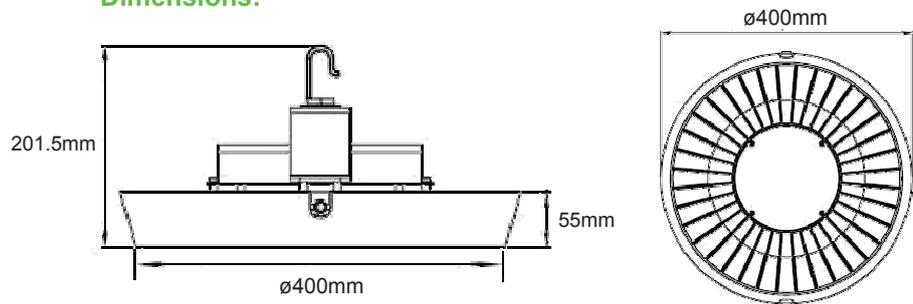
- Wide aluminum plate with vents design for fast and effective heat dissipation
- Unique UFO flat housing and patent hidden reflector design, fixed by stainless steel screws
- High quality die-cast aluminum heatsink and powder paint surface to ensure the product durability
- Wider LED PCB and external Meanwell driver enhances the heat dissipation and lumen maintenance
- Compact package design for saving shipping cost

Applications: Factory, Workshop, Exhibition Hall, Supermarket, Warehouse, Bus Terminal

Photometric Diagram:



Dimensions:



Specifications:

LED Chips	PHILIPS		
Power Supplier	MEANWELL		
Model	WHY-UH100W	WHY-UH150W	WHY-UH200W
Wattage	100W	150W	200W
Lumen	10000lm	15000lm	20000lm
Weight	5.4 Kg	5.4 Kg	6.05 Kg
LED Quantity	150pcs	210pcs	280pcs
CRI	≥80		
Color	3000-3200K / 4000-4500K / 6000-6500K		
Input Voltage	AC100-277V		
Size	ø400 x 201.5mm (H1)		
Ambient Temperature	-20°C ~ +45°C		
Beam Angle	35° / 60°		
IP Grade	IP65		
Mounting Height (m)	5 to 10m		

PAR63 / 82 LED bulb



Direct replacement of HID / MH / HPS bulb e.g. 100W->250W, 150W->400W, 200W->500W



Simple replacement of HID / MH / HPS lamp bulb with E39/40 lamp base



High quality aluminum heatsink to enhances the heat dissipation and lumen maintenance



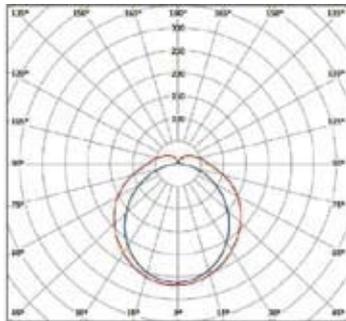
Applications : Exhibition Hall, Workshop, Factory, Supermarket, Warehouse, Bus or Airport Terminal etc.

Features:

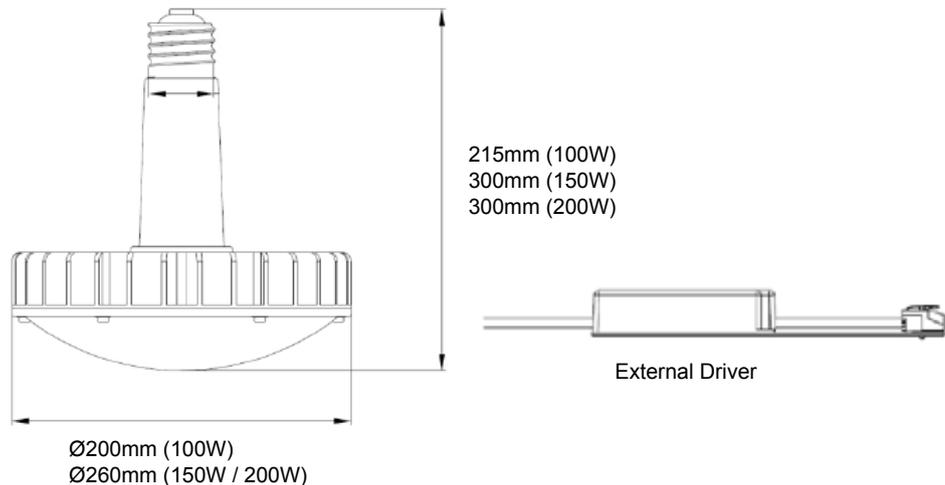
- Direct replacement of HID / MH / HPS lamp bulb e.g. 100W->250W, 150W->400W, 200W->500W
- Old lamp fixture can be reused after retrofitting of the lamp bulb and driver
- High quality aluminum heatsink to enhance the heat dissipation and lumen maintenance
- External Meanwell driver for better thermal management
- LM80 approved with up to 100lm/W lumen output

Applications: Factory, Workshop, Exhibition Hall, Supermarket, Warehouse, Bus Terminal

Photometric Diagram:



Dimensions:



Specifications:

LED Chips	NICHIA 757G		
Power Supplier	MEANWELL		
Model	WHY-PAR63-100W	WHY-PAR82-150W	WHY-PAR82-200W
Wattage	100W	150W	200W
Lumen	10000lm	15000lm	20000lm
Weight	1.8Kg	3.6Kg	4Kg
LED Quantity	150pcs	210pcs	280pcs
Size	Ø200 x 215mm (H)	Ø260 x 300mm (H)	Ø260 x 300mm (H)
Color	4000K / 5000K / 6000K		
Input Voltage	AC90-305V (External Driver)		
CRI	≥80		
Ambient Temperature	-20°C ~ +50°C		
Beam Angle	120°		
Power Factor	E39 / E40		
Lamp Base	>0.9		
IP Grade	IP65		



Commercial LED Lighting Solutions

As consumer expectations evolve, so should the environment and experiences we offer. Whylux commercial lighting solutions provide the assurance of high quality, superior performance, style and affordable LED products that meet your budget requirements.

IP65 Batten



Accessories



Mounting kit



IP65 Fast connector & cable

Optional On-Off & dimming microwave sensors



Standalone On-Off / dimming sensor

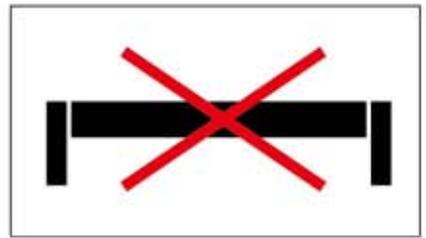


On-Off sensor for multi batten with up to 400W input

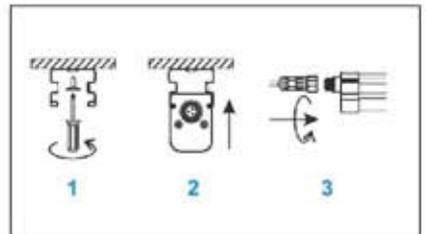
Optional cable



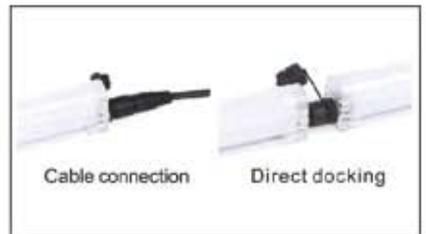
IP65 cable for multi batten connection



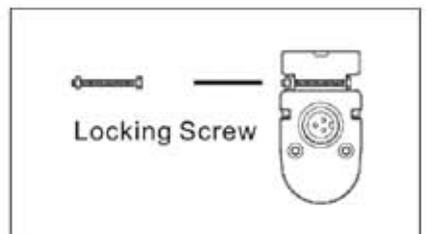
Direct mounting that installation does not require mounting brackets for quick installation



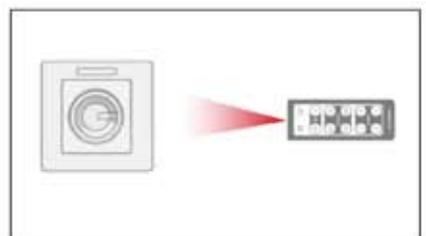
Only 3 simple steps to complete the installation with less time and man power involved



Waterproof connectors enable easy connection between multiple batten



Extra locking screws for additional security and to prevent stolen



Compatible with on-off sensor and dimming sensor by means of PWM/0-10V/SCR dimming

EPISTAR

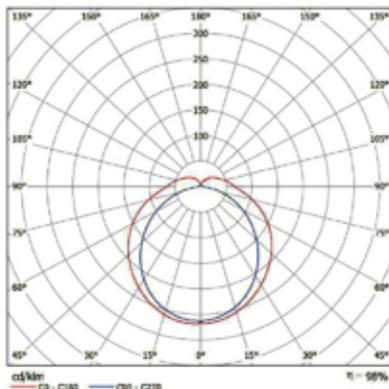


Features:

- High Lumen Efficacy 100lm/W
- Integrated IP65 slim batten with LED module, heat sink and power supply mounted on the fixture directly
- Extruded aluminum rear housing and plastic cover design to protect against moisture, dust and damages
- Frosted PC diffuser for soft light distribution and to reduce the glare
- PC cover is available in circular or square shape
- Special locking design to prevent stolen and enhance safety
- Workable with on/off sensor and dimming sensor on requested
- Dimming level is up to 20%-50% by assist of dimmable microwave sensor
- Easy installation, surface or suspended mounted with minimal tools requested

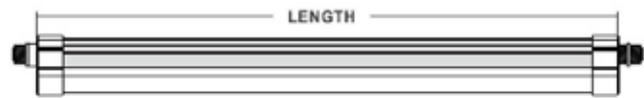
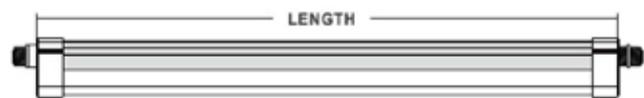
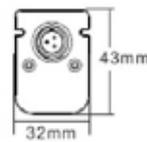
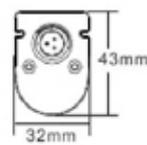
Applications: Parking, Basement, Hallway, Canopy, Stair, Supermarket, Warehouse

Photometric Diagram:



Beam Angle 135°

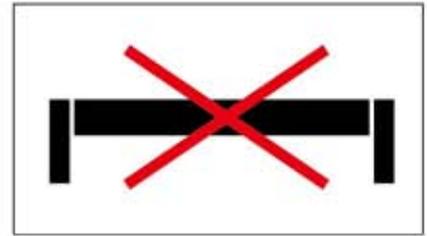
Dimensions:



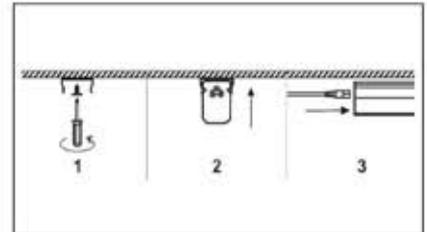
Specifications:

LED Chips	EPISTAR 2835			
Colour Temperature	2800-3200K, 6000-7000K			
Model	WHY-BT8X-06018	WHY-BT8X-09024	WHY-BT8X-12030	WHY-BT8X-15040
Wattage	18W	24W	30W	40W
Lumen	1750-1800lm	2280-2400lm	2850-3000lm	3800-4000lm
Replace Traditional CFL	2*18W	2*30W	2*36W	2*56W
Beam Angle	135°			
CRI	>80			
Power Factor	≥0.9			
Diming Level	Optional dimmable microwave sensor : 20%-50%			
Input Voltage	AC100-240V			
Material	Aluminum Alloy and PC			
Finish	White / Silver			
IP Grade	IP65			
Working Temperature	-40°C ~ +55°C			
Size	L600 x W32 x H43mm	L900 x W32 x H43mm	L1200 x W32 x H43mm	L1500 x W32 x H43mm
Weight	0.35 Kg	0.50 Kg	0.65 Kg	0.85 Kg

IP22 T8 Batten



Direct mounting that installation does not require mounting brackets for simple installation



Only 3 simple steps to complete the installation that less time and manpower involved

Accessories



Mounting kit



Power cable

Optional Accessories



Vertical corner connector



Flat corner connector



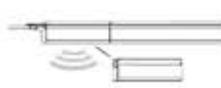
Any angle connector



Direct connector



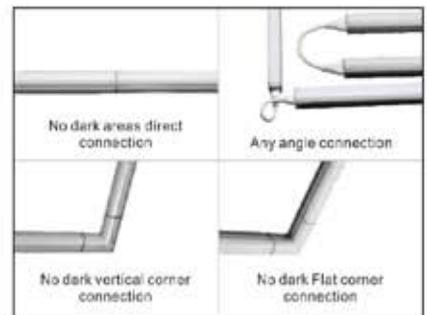
Steel wire rope



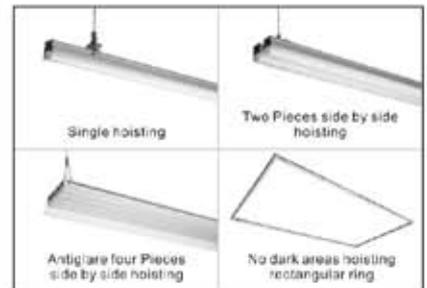
On-off sensor



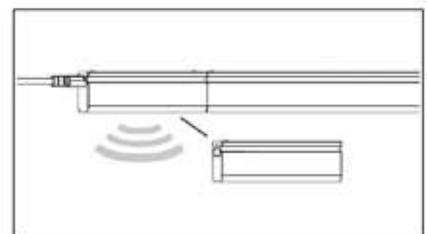
Motion sensor



Battens can be connected in many different ways with no dark shadows



DIY assembly to form different lighting structures



Simple plug and play to add an on-off sensor

EPISTAR

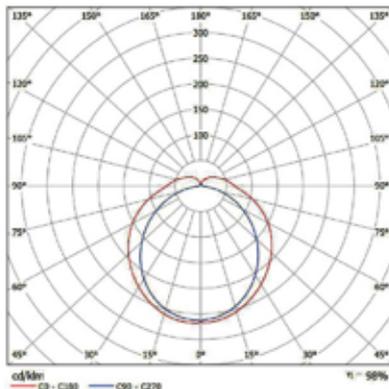


Features:

- High Lumen Efficacy 100lm/W
- Integrated IP22 batten with LED module, heat sink and power supply mounted on the fixture directly to replace traditional T8 batten
- Slim design – only one-quarter size of traditional water proof luminaire
- Frosted PC diffuser for soft light distribution and less glare
- Ideal to be mounted individually or run in continuous rows
- Assemble DIY to form the desired various structures by connections of battens
- Clear transition zone and no dark shadows when multiple battens joined
- On/off sensor available on requested
- A variety of accessories are available for connections of multiple battens by request

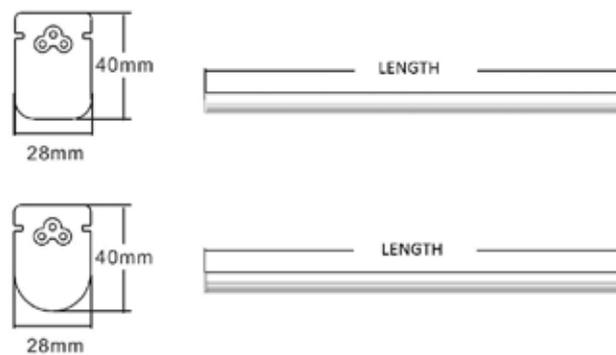
Applications: School, Office, Hospital, Shop, Home, Hallway, Supermarket

Photometric Diagram:



Beam Angle 135°

Dimensions:



Specifications:

LED Chips	EPISTAR 2835			
Colour Temperature	2800-3200K, 6000-7000K			
Model	WHY-BT8-06018	WHY-BT8-09024	WHY-BT8-12030	WHY-BT8-15040
Wattage	18W	24W	30W	40W
Lumen	1750-1800lm	2280-2400lm	2850-3000lm	3800-4000lm
Replace Traditional CFL	2*18W	2*30W	2*36W	2*56W
Beam Angle	135°			
CRI	>80			
Power Factor	≥0.9			
Input Voltage	AC100-240V			
Material	Aluminum Alloy and PC			
Finish	White/Silver			
IP Grade	IP22			
Working Temperature	-40°C ~ +55°C			
Size	L600 x W28 x H40mm	L900 x W28 x H40mm	L1200 x W28 x H40mm	L1500 x W28 x H40mm
Weight	0.35 Kg	0.50 Kg	0.65 Kg	0.85 Kg

IP22 T5 Batten



Accessories



Mounting kit



Power cable

Optional Accessories



Vertical corner connector



Flat corner connector



Any angle connector

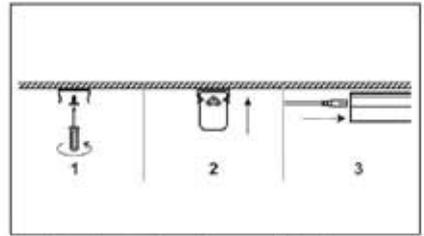


Direct connector

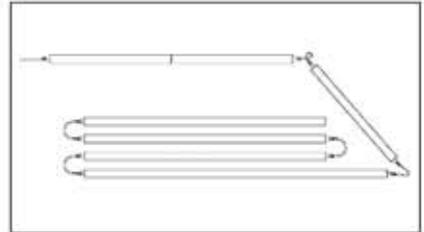


Steel wire rope

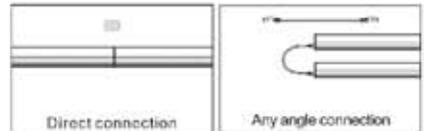
EPISTAR



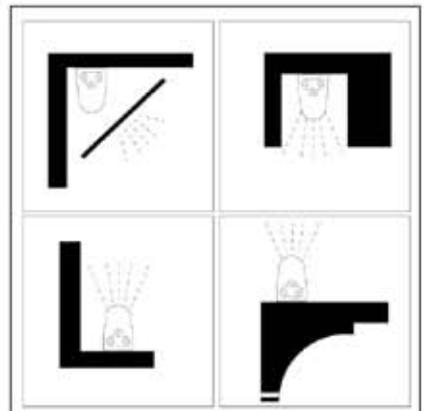
Only 3 simple steps to complete the installation



Convenient and flexible connection of multi batten



2 types of connectors available to assemble various lighting structure



Various ways of installation for different applications



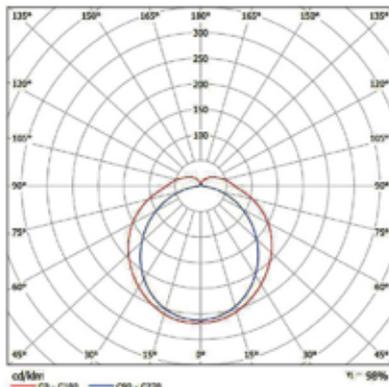
No dark shadows in between batten when connected

Features:

- High Lumen Efficacy 100lm/W
- Replace the traditional T5 up to 50% energy saving
- Integrated IP22 batten with LED module, heat sink and power supply mounted on the fixture directly
- Ultra-thin integrated profile that comes with 36mm deep only
- Frosted PC diffuser for soft light distribution and to reduce the glare
- Easy DIY to form the desired linear structures with assist of corner lights
- Clear transition zone without dark shadows when multiple battens connected
- A variety of accessories are available for connections of multiple battens by request
- Surface or suspended mounted

Applications: School, Office, Hospital, Shop, Home, Hallway, Supermarket

Photometric Diagram:



Beam Angle 140°

Dimensions:



Specifications:

LED Chips	EPISTAR 2835				
Colour Temperature	2800-3200K, 6000-7000K				
Model	WHY-BT5-03005	WHY-BT5-06009	WHY-BT5-07512	WHY-BT5-09014	WHY-BT5-12018
Wattage	5W	9W	12W	14W	18W
Lumen	470-500lm	810-855lm	1080-1140lm	1260-1330lm	1620-1710lm
Beam Angle	140°				
CRI	>80				
Power Factor	≥0.9				
Input Voltage	AC100-240V				
Material	Aluminum Alloy and PC				
Finish	White/Silver				
IP Grade	IP22				
Working Temperature	-40°C ~ +55°C				
Size	L300 x W22 x H36mm	L600 x W22x H36mm	L750 x W22 x H36mm	L900 x W22 x H36mm	L1200 x W22 x H36mm
Weight	0.16 Kg	0.18 Kg	0.18 Kg	0.20 Kg	0.20 Kg

Economy and Advanced Type

Economy Type



Advanced Type



Optional Accessory



LED Starter



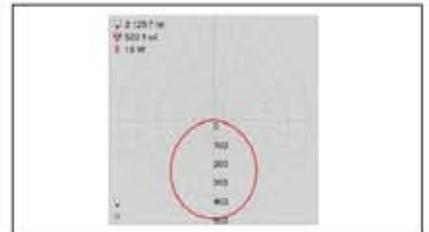
Single ended power input to avoid electric shock



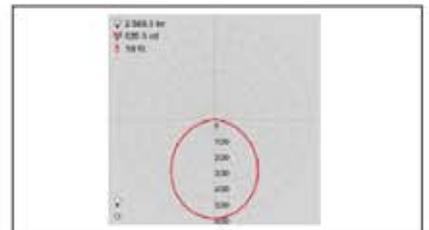
LED driver and capacitor of Economy type are located in each end cap for better thermal control



LED driver and capacitor of Advanced type are located in each end cap for better thermal control



High lumen output – 110lm/W (Economy)



High lumen output – 140lm/W (Advanced)

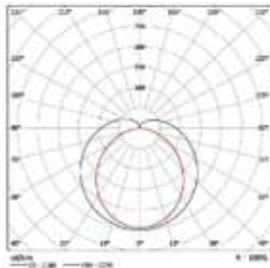


Features:

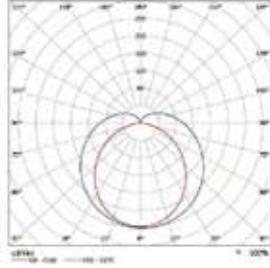
- Full robust PC lamp tube with thermal plastic heat sink enclosed (Economy Type -110lm/W)
- Full robust PC lamp tube with aluminum heat sink enclosed (Advanced Type- 140lm/W)
- LED driver and capacitor are installed in different end separately
- Single ended power input to comply with EU CE requirements
- Dummy starter enables easy retrofit in existing T8 fixtures with electromagnetic ballast
- Simple retrofit for existing T8 fixture with electronic ballast with minimal rewiring required
- Rotatable end cap is available (-90° to +90°)

Applications: Retail Store, Factory, School, Hospital, Parking Lot, Warehouse, Subway, Office

Photometric Diagram:

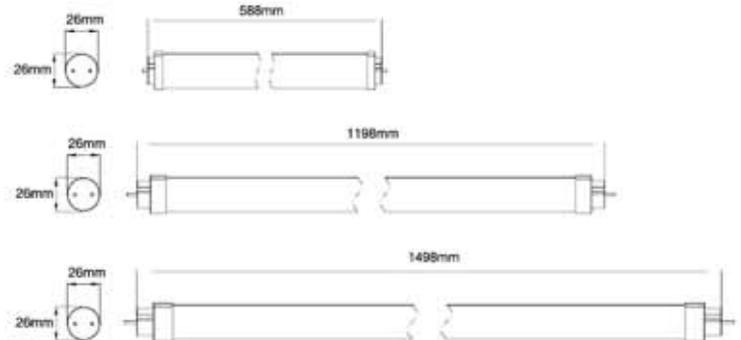


Economy Type
Beam Angle 280°



Advanced Type
Beam Angle 260°

Dimensions:



Specifications of Economy Series (110lm/W):

LED Chips	HONGLI SMD2835		
Colour Temperature	3000K / 4000K / 5000K / 6000K		
Model	WHY-T8CE1E0609	WHY-T8CE1E1218	WHY-T8CE1E1523
Wattage	9W	18W	23W
Lumen	990lm	1980lm	2530lm
Beam Angle	280°		
CRI	>80		
Power Factor	>0.9		
Input Voltage	AC175-260V		
Lumen Maintenance	LM80		
Heat Sink	Thermal Plastic Heat Sink		
Ambient Temperature	-30°C ~ +50°C		
Weight	170 g	240 g	280 g

Specifications of Advanced Series (140lm/W) :

LED Chips	HONGLI SMD2835		
Colour Temperature	3000K / 4000K / 5000K / 6000K		
Model	WHY-T8CP1A0609	WHY-T8CP1A1218	WHY-T8CP1A1523
Wattage	9W	18W	23W
Lumen	1260lm	2520lm	3220lm
Beam Angle	260°		
CRI	>80		
Power Factor	>0.9		
Input Voltage	AC100-260V		
Lumen Maintenance	LM80		
Heat Sink	Aluminum Heat Sink		
Ambient Temperature	-30°C ~ +50°C		
Weight	200 g	300 g	360 g

Metro Down Light



Frosted PC diffuser for uniform diffuse lighting and glare control



The die-cast aluminum flange with white-coated finish for easy retrofit



The radial aluminum fins and housing surface work as a heat sink for reducing the LED operating temperature



Metal spring fixing clips to assure the safe installation



PHILIPS

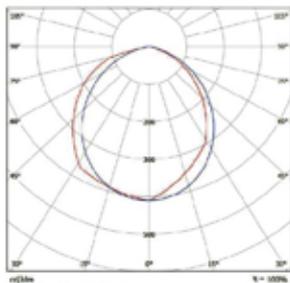


Features:

- To replace conventional CFL and CDM downlights
- 5", 6" and 7" cutout suit a variety of recess ceiling mounted applications
- High purity aluminum reflector to produce precise secondary light reflection
- Frosted PC diffuser with light transmission rate at 95%
- Bezel is sprayed with electrostatic polyester powder
- Ultra slim trim is ideal for both retrofit and new applications
- External Philips constant current driver with 88% power efficiency
- Passive cooling system is generated by die cast aluminum heat sink
- Robust metal fixing clips to secure the safety
- High brightness SMD chip with Mac Adam 3-step eclipse
- Color Rendering Index up to CRI 80

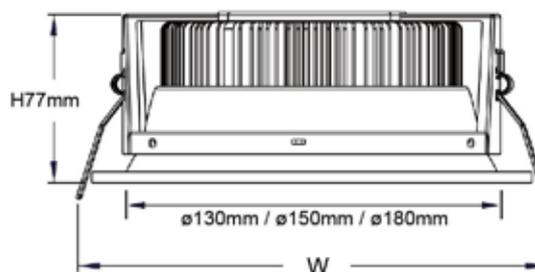
Applications: Retail Store, Display Hall, Bar and Restaurant, Supermarket, Office, Bathroom

Photometric Diagram:



Beam Angle 120°

Dimensions:



Specifications:

LED Chips	SMD2835	SMD2835	SMD5730
Driver	PHILIPS		
Color Temperature	3000K / 4000K / 6000K		
Model	WHY-DL005	WHY-DL006	WHY-DL007
Wattage	12-15W	18-21W	26-28W
Lumen	950-1000lm	1450-1500lm	2100-2200lm
Cutout Size	ø130mm / 5"	ø150mm / 6"	ø180mm / 7"
Beam Angle	120°		
CRI	>80		
Input Voltage	AC85-265V		
Material	Aluminum Alloy and PC		
Finish	White / Black		
IP	IP20		
Size	W150 x H77mm	W170 x H77mm	W198 x H77mm
Weight	0.6 Kg	0.8 Kg	1.1 Kg

Max Down Light



Epistar COB chip to produce high lumen output and better control of color temperature



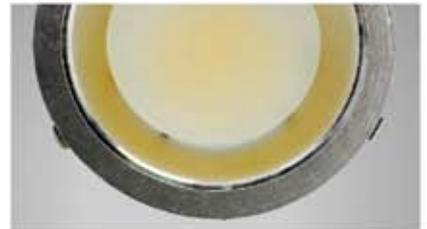
Frosted cover to minimize the glare and enhance the uniformity



Heavy duty aluminum heat sink to ensure efficient heat dissipation



Patent Turbine Design Cooling system to dissipate the heat actively



Optional dimming driver for up to 5% dimming level



EPISTAR

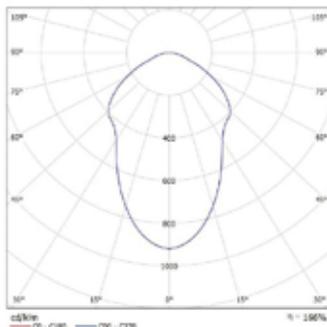


Features:

- 40W & 60W & 80W Epistar COB LED to replace MH down light for high mounting applications
- 8" recessed down light with external driver
- Available with both non-dimming and dimming driver
- Full die-cast aluminum housing to ensure good heat dissipation and impact proof
- Transparent glass cover with 95% light transmission OR
- Frosted glass cover to reduce glare
- Color Rendering Index up to 80
- Works with 0-10V analog dimming, 10V PWM signal or resistance dimming
- Patent Turbine Principal Design Cooling system to utilize the active heat dissipation

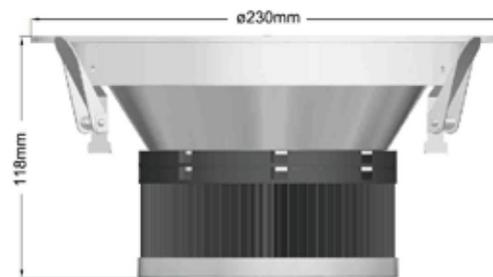
Applications: Shopping Mall, Hotel, Hospital, Restaurant, Super Market, Show Room, Gallery, Lobby

Photometric Diagram:



Beam Angle 60°

Dimensions:



General Specifications:

LED Chips	EPISTAR 1734		
Color Temperature	3000K / 4000K / 6000K		
Model	WHY-MDL40W	WHY-MDL60W	WHY-MDL80W
Wattage	40W	60W	80W
Lumen	3000lm	4500lm	6000lm
Cutout Size	ø200mm		
Beam Angle	60° / 90° / 120°		
CRI	>80		
Power Factor	>0.9		
Working Temperature	-15°C ~ +30°C		
Dimming Level	5%-100%		
Input Voltage	AC85-265V		
Material	Aluminum and Glass		
Finish	Silver / Black		
IP	IP20		
Size	ø230 x H118mm		

Mikolite Smart Solar Sensor Wall Light



Front light with 8pcs SMD2835 LED

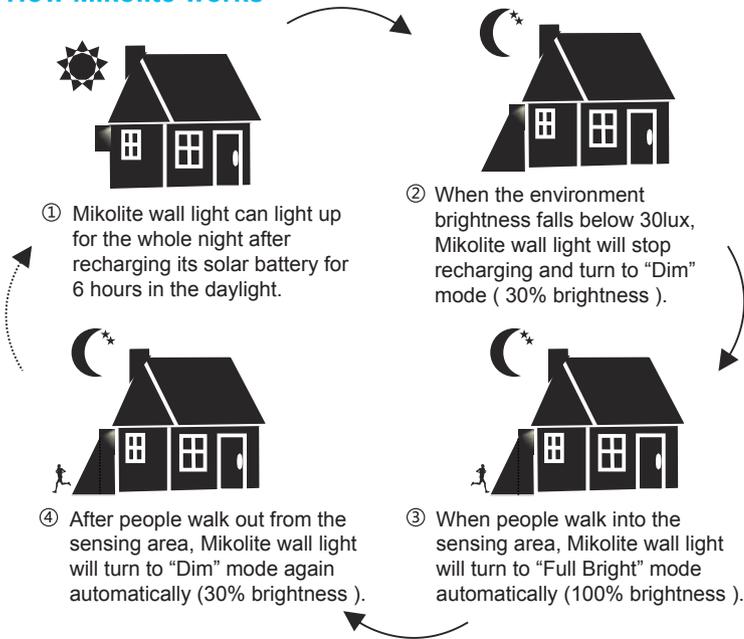


Back light with 2pcs SMD2835 LED



PIR motion sensor with 6 meters detection range.

How Mikolite works



Auto power-off in the daytime, auto power-on in the night time.

Optional Color



White



Black



Silver



Suit for garden, garage, backyard, front door and hallway application.

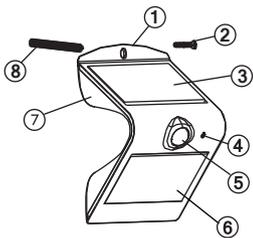


Features:

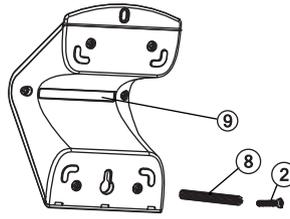
- No wiring is required, easy installation.
- Patent fashionable curved shape design, with front and back lighting.
- Powered by 0.8Watt solar power, zero electricity cost.
- Auto power-off in the daytime, auto power-on in the night time automatically
- Fully charged Mikolite can work continuously in good weather day, and work for 4~5 days in bad weather day until running out of battery.
- Equipped with an internal Lithium battery.

Applications: Garden, Garage, Hallway, Front Door, Backyard

Components:



1. Surface
2. Tighten Screw
3. Solar Panel
4. Unlock Hole
5. PIR Sensor
6. LED Light Panel

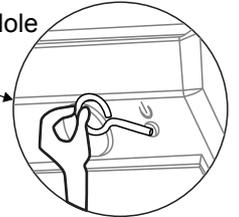


7. Bottom Case
8. Expansion Plug
9. LED Back Light Panel

Installation:



- ① Hole
- ② Expansion Plug
- ③ Screw
- ④ Mounting Hole
- ⑤ Unlock Pin



Switch on & off the lamp by inserting the provided un-lock pin into the switch hole.

Specifications:

LED Chips	SMD2835	
Power Supplier	House Brand	
Model	WHY-ML1.5W-20	WHY-ML1.5W-12
Solar Battery	3.7V/2000mAH	3.7V/1200mAH
Lumen	150-170lm	
Wattage	1.5W	
Housing Color	White / Silver / Black	
Solar Panel	0.8W, Monocrystalline Silicon	
Front Light Color	3000K / 4000K / 5000K / 6000K	
Back Light Color	3000K	
Voltage	3.7V	
Ambient Temperature	-20°C ~ +50°C	
Detection Angle / Area	120° / 2-6m	
Working Time	work continuously in good weather day (4~5 days in bad weather before battery run out)	
Mounting Height	2m-4m	
IP Grade	IP65	
Size (L x W x H)	152 x 96 x 83mm	
Net Weight	0.23kg	



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