



SHANGHAI CHZ LIGHTING CO.,LTD

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**FERNANDO NAVARRETE
GONZALO DE ANDRÉS**



OFFICIAL PARTNER



CHZ-LIGHTING

INDUSTRY LIGHTING

(2024-2025)

Creative Lighting, Healthy Living

Profile

SHANGHAI CHZ LIGHTING CO.,LTD., established in 2013, is one of the leading manufacturers of LED lighting products in China. Our headquarter is located at Jiading of Shanghai, we have three production bases in Shanghai, Hangzhou and Ningbo city, with a total of 12,000m² plant area and 1.0M sets of LED lights' production per year.

We adhere to the idea of "technology first", and cooperate with Fudan University to continuously develop new products. Our products have covered office lighting, industrial lighting, flood lighting, stadium lighting, road lighting, and solar lighting. We offer, not only qualified lights, but also complete intelligent lighting solutions.

By continuous high investment on management and R&D, we has passed ISO9001, ISO14001, ISO45001 and ISO50001 system certifications. Meanwhile, we have got ENEC, ENEC++, CE, CB and ETL quality certifications proved by famous labs, such as TUV. Moreover, we have been rewarded lots of honors by the government, such as "National High-tech Enterprise", "Shanghai Technological Enterprise" and etc.

Our products have been exported to over 80 countries around the world and used for thousands of public projects. By high quality and excellent service, "CHZ LIGHTING" has won very good reputation in those markets. We will continue to work hard and tirelessly strive to build "CHZ LIGHTING" as one globally renowned brand.

Awards



Qualification



ISO9001



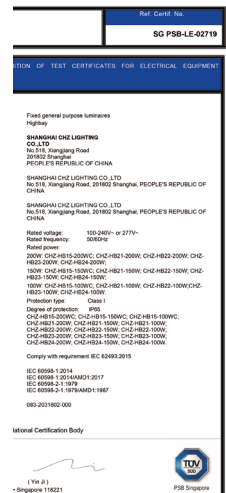
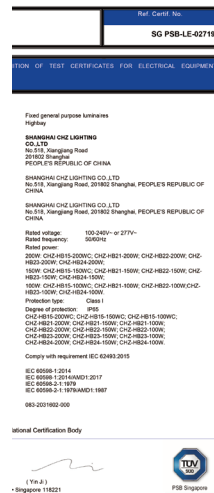
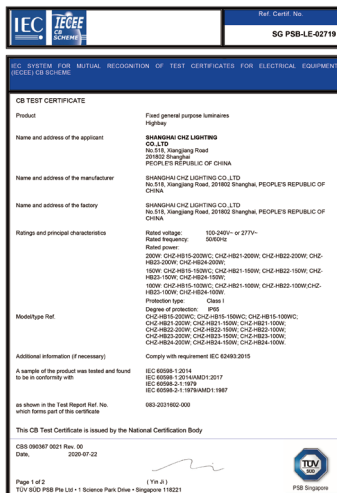
ISO14001



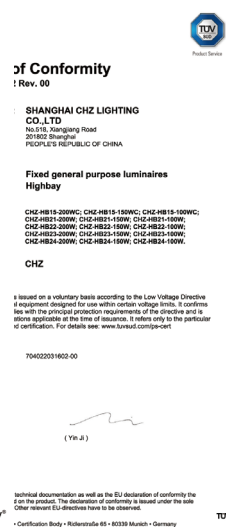
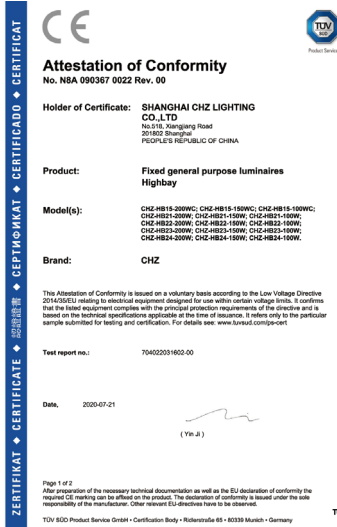
ISO45001



ISO50001



CB Certification



CE Certification

◆ Company Image



Shanghai Headquator



Europe Company



Spain Warehouse



Marketing Department



R&D Department



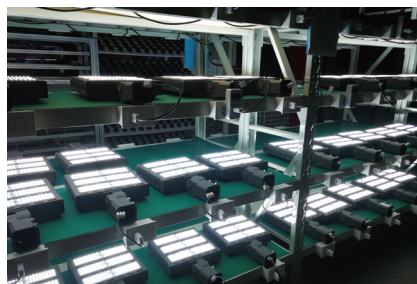
Training Meeting



Assembling line



Testing Line



Old Aging



Outdoor Development



Argentina team



Team action



Spain Team



Spain Team



Shareholder Dinner

INDUSTRY LIGHTING

40W-300W



◆ HB15C Series

Product Feature:

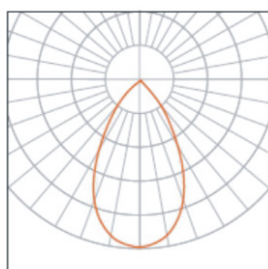
- A. Unique shape design, the shape of UFO, clean.
- B. Use Meanwell series driver, high efficiency, good stability.
- C. Using SMD3030 lamp beads, high luminous efficiency, good heat dissipation;
- D. Flat light, can be configured with different angle lens with 60°/90° optional.
- E. Fine thermal structure, fast heat dissipation, light body temperature does not exceed 50 C, to ensure long-life light source.

Application:

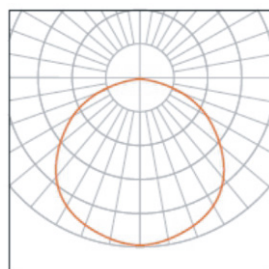
Widely used in factories, warehouses, logistics centers, retail stores, theaters, restaurants and a large indoor gymnasium and other places.

Technical Parameters:

Model No.	Power (W)	LED TYPE	LED's (pcs)	Input volt (V)	PF	Lumen (LM/W)	Beam Angle	CCT (K)	IP	Product Size(mm)	
										D	H
HB15-100WC	100	SMD3030	119	100-277	>0.95	>140	60°/90°	3000-6500	IP54	275	170
HB15-150WC	150	SMD3030	168	100-277	>0.95	>140	60°/90°	3000-6500	IP54	320	170
HB15-200WC	200	SMD3030	221	100-277	>0.95	>140	60°/90°	3000-6500	IP54	380	170



60°



110°



ROHS CB CE

CH₂[®]

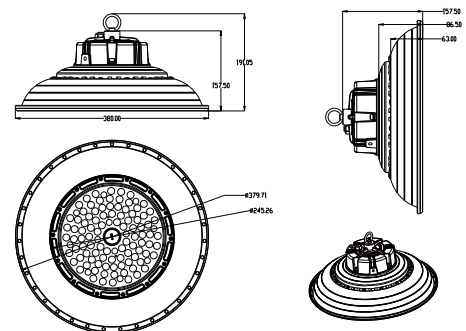
Industry Lighting



HB21 Series

Product Feature:

- A. Adopt integrated structure design, simple and beautiful appearance.
- B. Use industrial aluminum with high corrosion resistance and high thermal conductivity, good heat dissipation.
- C. Whole lamp electrophoresis process, the product has excellent anti-corrosion and anti-rust functions.
- D. Product protection grade can be up to IP65, can be used in high humidity places.
- E. With 60°, 90° and 110° lens options, high light transmittance, flame retardant, wear-resistant and UV-resistant, to meet different light distribution needs.
- F. Using high-quality SMD2835 or SMD5050 light source, high light efficiency and long life.
- G. There are non-isolated and isolated drive options; different cost performance, for customers to choose more.



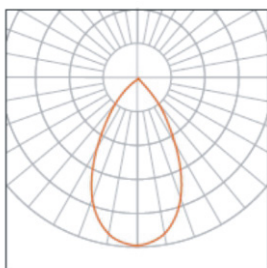
200W

Application:

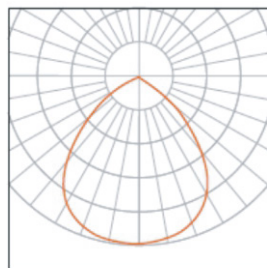
Widely used in factories, warehouses, logistics centers, retail stores, theaters, restaurants and a large indoor gymnasium and other places.

Technical Parameters:

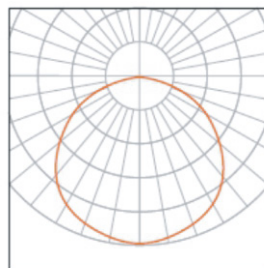
Model No.	Power (W)	LED TYPE	LED's (pcs)	Input volt (V)	PF	Lumen (LM/W)	Beam Angle	CCT (K)	IP	Product Size(mm)	
										D	H
HB21-100W	100	SMD2835	210	100-277	>0.95	>140	60°/90°/110°	3000-6500	IP65	290	179
HB21-150W	150	SMD2835	300	100-277	>0.95	>140	60°/90°/110°	3000-6500	IP65	340	185
HB21-200W	200	SMD2835	375	100-277	>0.95	>140	60°/90°/110°	3000-6500	IP65	360	191
HB21-100W	100	SMD5050	84	100-277	>0.95	>160	60°/90°/110°	3000-6500	IP65	290	179
HB21-150W	150	SMD5050	96	100-277	>0.95	>160	60°/90°/110°	3000-6500	IP65	340	185
HB21-200W	200	SMD5050	96	100-277	>0.95	>160	60°/90°/110°	3000-6500	IP65	360	191



60°



90°



110°



CHz[®]**Industry Lighting**

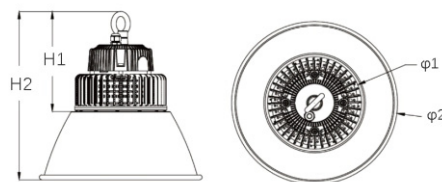
CE CB ROHS



◆ HB23 Series

Product Feature:

- A. Adopt fin structure design, with lower cost and better heat ventilation.
- B. Whole lamp electrophoresis process, the product has excellent anti-corrosion and anti-rust functions.
- C. Product protection grade can be up to IP65, can be used in high humidity places.
- D. Multi beam angle, 60°/90°/120° for options, high light transmittance, flame retardant, wearresistant and UV-resistant, to meet different light distribution needs.
- E. Using high-quality SMD2835 LED chips and non-isolated driver, with high efficiency and long life.

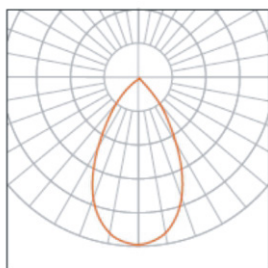


Application:

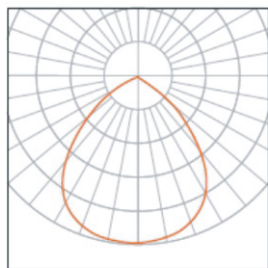
Widely used in factories, warehouses, logistics centers, retail stores, theaters, restaurants and a large indoor gymnasium and other places, widely replace traditional HID and CFL lamps, saving more than 80%.

Technical Parameters:

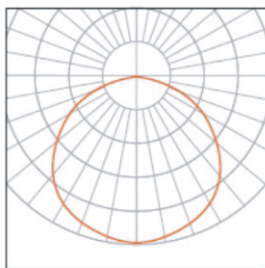
Model No.	Power (W)	LED TYPE	LED's (pcs)	Input volt (V)	Output Volt(V)	PF	Lumen (LM/W)	Beam Angle	CCT (K)	IP	Product Size(mm)			
											φ1	φ2	H1	H2
HB23-100W	100	SMD2835	156	100-277	112-127	>0.95	>135	60°/90°/110°	3000-6500	IP65	183	323	201	339
HB23-150W	150	SMD2835	221	100-277	112-127	>0.95	>135	60°/90°/110°	3000-6500	IP65	225	372	212	350
HB23-200W	200	SMD2835	273	100-277	112-127	>0.95	>135	60°/90°/110°	3000-6500	IP65	264	428	224	361



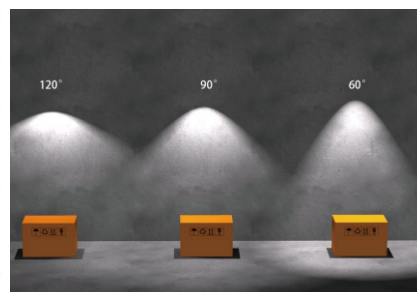
60°



90°



120°



ROHS CB CE

CH₂[®]

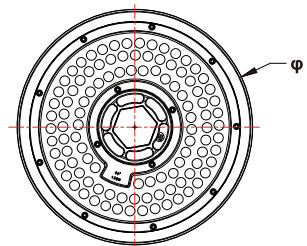
Industry Lighting



◆ HB25 Series

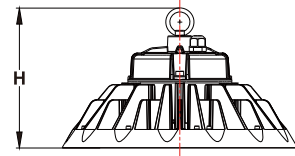
Product Feature:

- A. Adopt fin structure design, with lower cost and better heat ventilation.
- B. Whole lamp electrophoresis process, the product has excellent anti-corrosion and anti-rust functions.
- C. Product protection grade can be up to IP65, can be used in high humidity places.
- D. Multi beam angle, 60°/90°/120° for options, high light transmittance, flame retardant, wear-resistant and UV-resistant, to meet different light distribution needs.
- E. Using high-quality SMD2835 LED chips and non-isolated driver, with high efficiency and long life.
- F. Micro-wave sensor is available, with distance, time and lux options, more energy-saving than traditional highbay.



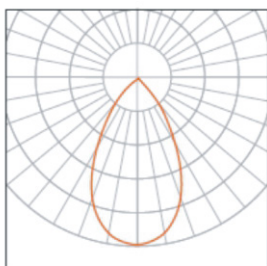
Application:

Widely used in factories, warehouses, logistics centers, retail stores, theaters, restaurants and a large indoor gymnasium and other places, will be 30% more energy-saving than traditional LED highbay light.

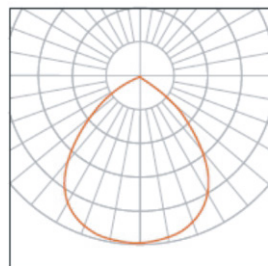


Technical Parameters:

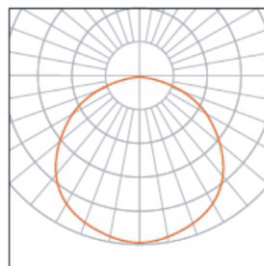
Model No.	Power (W)	LED TYPE	LED's (pcs)	Input volt (V)	Output Volt(V)	Dim	PF	Lumen (LM/W)	Beam Angle	CCT (K)	IP	Product Size(mm)	
												Φ	H
HB25-100W	100	SMD2835	210	100-277	112-127	112-127	>0.95	>140	60°/90°/120°	3000-6500	IP65	247	164
HB25-150W	150	SMD2835	300	100-277	112-127	112-127	>0.95	>140	60°/90°/120°	3000-6500	IP65	294	175
HB25-200W	200	SMD2835	420	100-277	112-127	112-127	>0.95	>140	60°/90°/120°	3000-6500	IP65	320	188
HB25-100W	100	SMD2835	216	100-277	232-265	232-265	>0.95	>140	60°/90°/120°	3000-6500	IP65	247	164
HB25-150W	150	SMD2835	297	100-277	232-265	232-265	>0.95	>140	60°/90°/120°	3000-6500	IP65	294	175
HB25-200W	200	SMD2835	405	100-277	232-265	232-265	>0.95	>140	60°/90°/120°	3000-6500	IP65	320	188



60°



90°



120°





Industry Lighting

CE CB ROHS



HB26 Series

Product Feature:

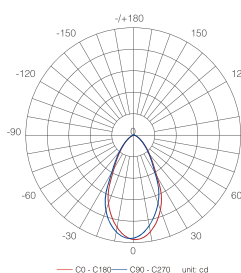
- A. Adopt fin structure design, with lower cost and better heat ventilation.
- B. Whole lamp electrophoresis process, the product has excellent anti-corrosion and antirust functions.
- C. Product protection grade can be up to IP65, can be used in high humidity places.
- D. Multi beam angle, 60°/90°/110° for options, high light transmittance, flame retardant, wear-resistant and UV-resistant, to meet different light distribution needs.
- E. Using high-quality SMD2835 LED chips and non-isolated driver, with high efficiency and long life.
- F. Micro-wave sensor or infrared sensor optional, 0-10V dimmable. more energy-saving than traditional highbay.

Application:

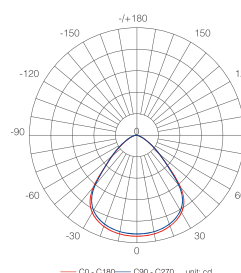
Widely used in factories, warehouses, logistics centers, retail stores, theaters, restaurants and a large indoor gymnasium and other places, will be 30% more energy-saving than traditional LED highbay light.

Technical Parameters:

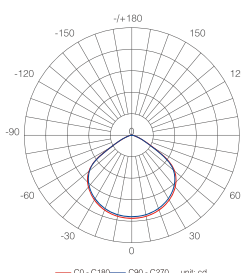
Model No.	Power (W)	LED TYPE	LED's (pcs)	Input volt (V)	Dim	PF	Lumen (LM/W)	Beam Angle	CCT (K)	IP	Product Size(mm)	
											Φ	H
HB26-80W	80	SMD2835	168	100-277	1-10V /DALI, optional	>0.95	>160	60°/90°/110°	3000-6500	IP65	235	158
HB26-100W	100	SMD2835	168	100-277		>0.95	>160	60°/90°/110°	3000-6500	IP65	275	154
HB26-150W	150	SMD2835	252	100-277		>0.95	>160	60°/90°/110°	3000-6500	IP65	285	156
HB26-200W	200	SMD2835	336	100-277		>0.95	>160	60°/90°/110°	3000-6500	IP65	305	163
HB26-250W	250	SMD2835	448	100-277		>0.95	>160	60°/90°/110°	3000-6500	IP65	360	171



60°



90°



110°

ROHS CB

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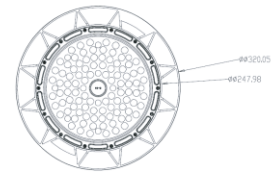
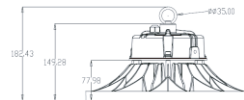
Industry Lighting



◆ HB27 Sensor Series

Product Feature:

- A. Adopt fin structure design, with lower cost and better heat ventilation.
- B. Whole lamp electrophoresis process, the product has excellent anti-corrosion and anti-rust functions.
- C. Product protection grade can be up to IP65, can be used in high humidity places.
- D. Multi beam angle, 60°/90°/120° optional, high light transmittance, flame retardant, wear-resistant and UV-resistant, to meet different light distribution needs.
- E. Using high-quality SMD2835 LED chips and non-isolated driver, with high efficiency and long life.
- F. Regular, 1-10V dimmable for option, more energy-saving than other traditional highbay.



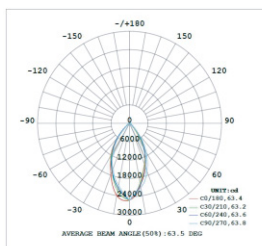
200W

Application:

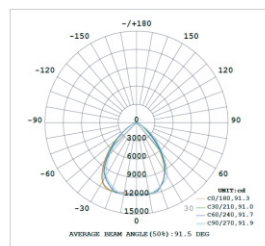
Widely used in factories, warehouses, logistics centers, retail stores, theaters, restaurants and a large indoor gymnasium and other places, will be 30% more energy-saving than traditional LED highbay light.

Technical Parameters:

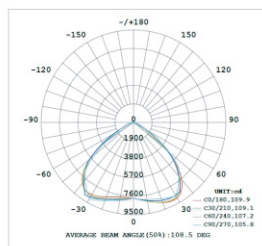
Model No.	Power (W)	LED TYPE	LED's (pcs)	Input volt (V)	Dim	PF	Lumen (LM/W)	Beam Angle	CCT (K)	IP	Product Size(mm)	
											Φ	H
HB27-100W	100	SMD2835	168	100-277	1-10V dimming for option	>0.95	>150	60°/90°/110°	3000-6500	IP65	246	112
HB27-150W	150	SMD2835	300	100-277		>0.95	>150	60°/90°/110°	3000-6500	IP65	270	126
HB27-200W	200	SMD2835	378	100-277		>0.95	>150	60°/90°/110°	3000-6500	IP65	320	150
HB27-250W	250	SMD2835	378	100-277		>0.95	>150	60°/90°/110°	3000-6500	IP65	320	150
HB27-300W	300	SMD2835	420	100-277		>0.95	>150	60°/90°/110°	3000-6500	IP65	390	161



60°



90°



110°





Industry Lighting

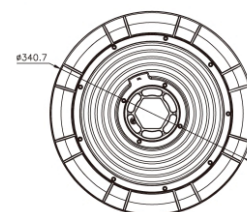
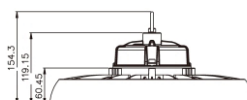
CE CB ROHS



❖ HB28 Sensor Series

Product Feature:

- A. Adopt fin structure design, with lower cost and better heat ventilation.
- B. Whole lamp electrophoresis process, the product has excellent anti-corrosion and anti-rust functions.
- C. Product protection grade can be up to IP65, can be used in high humidity places.
- D. Multi beam angle, 60°/90°/120° optional, high light transmittance, flame retardant, wear-resistant and UV-resistant, to meet different light distribution needs.
- E. Using high-quality SMD2835 LED chips and non-isolated driver, with high efficiency and long life.
- F. Regular, 1-10V dimmable for option, more energy-saving than other traditional highbay.



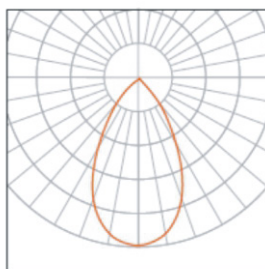
200W

Application:

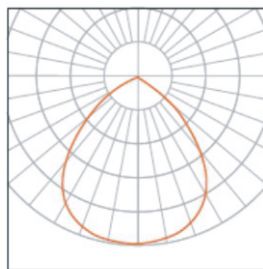
Widely used in factories, warehouses, logistics centers, retail stores, theaters, restaurants and a large indoor gymnasium and other places, will be 30% more energy-saving than traditional LED highbay light.

Technical Parameters:

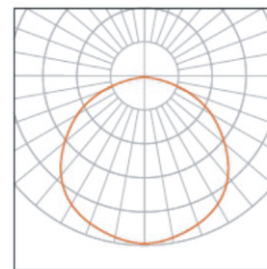
Model No.	Power (W)	LED TYPE	LED's (pcs)	Input volt (V)	Dim	PF	Lumen (LM/W)	Beam Angle	CCT (K)	IP	Product Size(mm)	
											φ	H
HB28-100W	100	SMD2835	210	100-277	1-10V/0-10V dimming Motion sensor, for option	>0.95	>170	60°/90°/120°	3000-6500	IP65	259	106
HB28-150W	150	SMD2835	300	100-277		>0.95	>170	60°/90°/120°	3000-6500	IP65	285	111
HB28-200W	200	SMD2835	420	100-277		>0.95	>170	60°/90°/120°	3000-6500	IP65	341	120
HB28-250W	250	SMD2835	480	100-277		>0.95	>170	60°/90°/120°	3000-6500	IP65	373	137



60°



90°

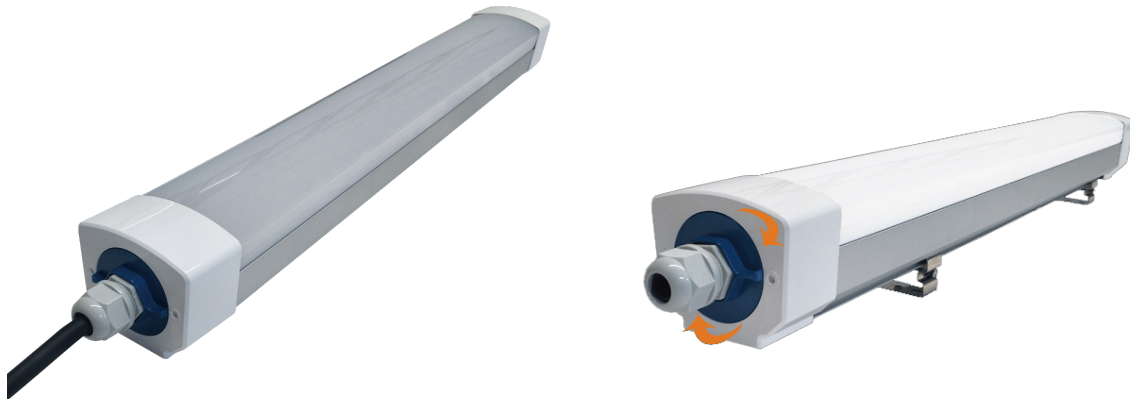


120°

ROHS CB CE

CH₂[®]

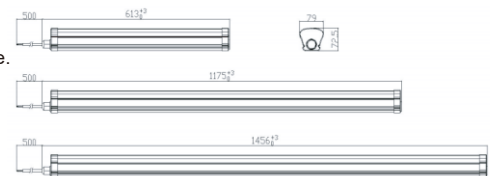
Industry Lighting



❖ SF02 AL Batten Series

Product Feature:

- A. Lamp body is made of PC material, with less weight and beautiful shape.
- B. Protection class IP65, suitable for indoor and outdoor wet and dusty environment.
- C. Using high-quality 2835 LED chips, high luminous efficiency, light fades small, glare low.
- D. Using high-quality driver with stable performance, lighting efficacy can be to 130LM/W above.
- E. Regular no dimming, 1-10V or DALI dimming, optional. Motion sensor or emergency can be chosen.
- F. Multiple length 0.6/1.2/1.5m optional, installation can be hoisting or ceiling, wiring can be a single or splicing.

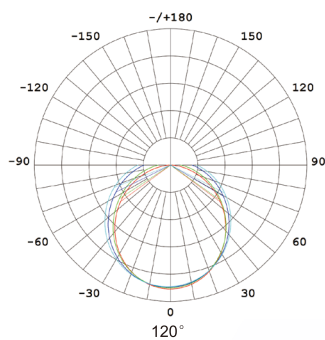


Application:

Suitable for indoor damp, dusty and clean environments, such as underground garage, basement, warehouse, supermarket, kitchen and food workshop and other places.

Technical Parameters:

Model No.	Power (W)	LED TYPE	Input volt (V)	PF	Lumen (LM/W)	Beam Angle	CCT (K)	CRI	Product Size(mm)		
									L	W	H
SF02-600-20WA	20	SMD2835	200-240	>0.9	>130	120°	3000-6500	>80	600	76	67
SF02-600-30WA	30	SMD2835	200-240	>0.9	>130	120°	3000-6500	>80	600	76	67
SF02-1200-40WA	40	SMD2835	200-240	>0.9	>130	120°	3000-6500	>80	1200	76	67
SF02-1200-50WA	50	SMD2835	200-240	>0.9	>130	120°	3000-6500	>80	1200	76	67
SF02-1500-50WA	50	SMD2835	200-240	>0.9	>130	120°	3000-6500	>80	1500	76	67
SF02-1500-60WA	60	SMD2835	200-240	>0.9	>130	120°	3000-6500	>80	1500	76	67





Industry Lighting

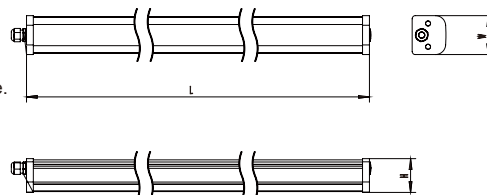
CE CB ROHS



❖ SF02 PC Batten Series

Product Feature:

- A. Lamp body is made of PC material, with less weight and beautiful shape.
- B. Protection class IP65, suitable for indoor and outdoor wet and dusty environment.
- C. Using high-quality 2835 LED chips, high luminous efficiency, light fades small, glare low.
- D. Using high quality driver with stable performance, lighting efficacy can be to 130LM/W above.
- E. Regular no dimming, 1-10V or DALI dimming, optional. Motion sensor or emergency can be chosen.
- F. Multiple length 0.6/1.2/1.5m optional, installation can be hoisting or ceiling, wiring can be a single or splicing.

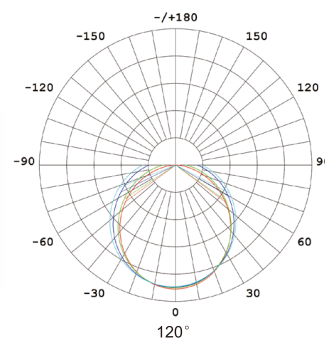


Application:

Suitable for indoor damp, dusty and clean environments, such as underground garage, basement, warehouse, supermarket, kitchen and food workshop and other places.

Technical Parameters:

Model No.	Power (W)	LED TYPE	Input volt (V)	PF	Lumen (LM/W)	Beam Angle	CCT (K)	CRI	IP	Product Size(mm)		
										L	W	H
SF02-600-20W	20	SMD2835	200-240	>0.9	>130	120°	3000-6500	>80	IP65	600	74	64
SF02-600-30W	30	SMD2835	200-240	>0.9	>130	120°	3000-6500	>80	IP65	600	74	64
SF02-1200-40W	40	SMD2835	200-240	>0.9	>130	120°	3000-6500	>80	IP65	1200	74	64
SF02-1200-50W	50	SMD2835	200-240	>0.9	>130	120°	3000-6500	>80	IP65	1200	74	64
SF02-1500-50W	50	SMD2835	200-240	>0.9	>130	120°	3000-6500	>80	IP65	1500	74	64
SF02-1500-60W	60	SMD2835	200-240	>0.9	>130	120°	3000-6500	>80	IP65	1500	74	64



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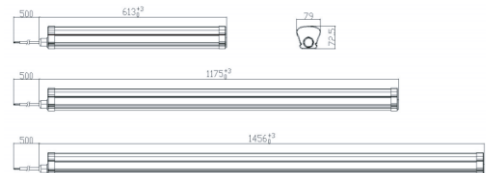
Industry Lighting



❖ SF02S PC Batten Series

Product Feature:

- A. Lamp body is made of PC material, with less weight and beautiful shape.
- B. Protection class IP65, suitable for indoor and outdoor wet and dusty environment.
- C. Using high-quality 2835 LED chips, high luminous efficiency, light fades small, glare low.
- D. Using high quality driver with stable performance, lighting efficacy can be to 130LM/W above.
- E. Regular no dimming, 1-10V or DALI dimming, optional. Motion sensor or emergency can be choosed.
- F. Multiple length 0.6/1.2/1.5m optional, installation can be hoisting or ceiling, wiring can be a single or splicing.

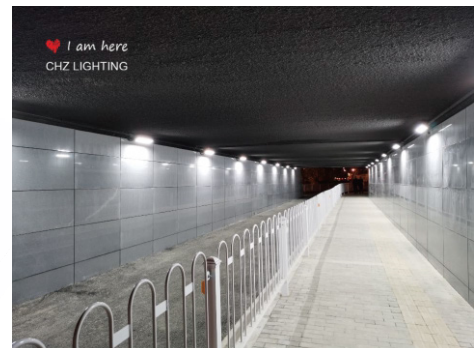
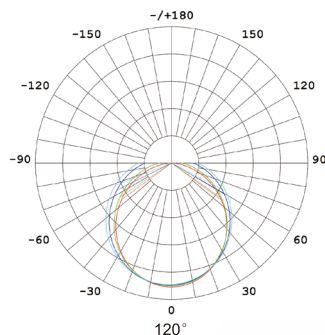


Application:

Suitable for indoor damp, dusty and clean environments, such as underground garage, basement, warehouse, supermarket, kitchen and food workshop and other places.

Technical Parameters:

Model No.	Power (W)	LED TYPE	Input volt (V)	PF	Lumen (LM/W)	Beam Angle	CCT (K)	CRI	IP	Product Size(mm)		
										L	W	H
SF02-600-20WS	20	SMD2835	200-240	>0.9	>130	120°	3000-6500	>80	IP65	600	79	73
SF02-600-30WS	30	SMD2835	200-240	>0.9	>130	120°	3000-6500	>80	IP65	600	79	73
SF02-1200-40WS	40	SMD2835	200-240	>0.9	>130	120°	3000-6500	>80	IP65	1200	79	73
SF02-1200-50WS	50	SMD2835	200-240	>0.9	>130	120°	3000-6500	>80	IP65	1200	79	73
SF02-1500-50WS	50	SMD2835	200-240	>0.9	>130	120°	3000-6500	>80	IP65	1500	79	73
SF02-1500-60WS	60	SMD2835	200-240	>0.9	>130	120°	3000-6500	>80	IP65	1500	79	73





Industry Lighting

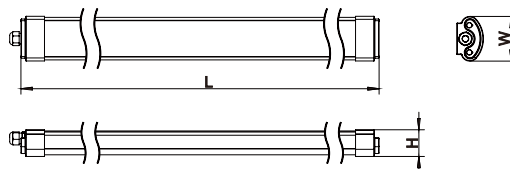
CE CB ROHS



❖ SF02T AL Batten Series

Product Feature:

- A. Lamp body is made of integral aluminum profile, beautiful shape.
- B. Protection class IP65, suitable for indoor and outdoor wet and dusty environment.
- C. Using high-quality 2835 LED chips, high luminous efficiency, light fades small, glare low.
- D. Using LFD driver, high efficiency, stable performance, light efficiency can be to 145LM/W max.
- E. Multiple length 0.6/1.2/1.5m optional, installation can be hoisting or ceiling, wiring can be a single or splicing.

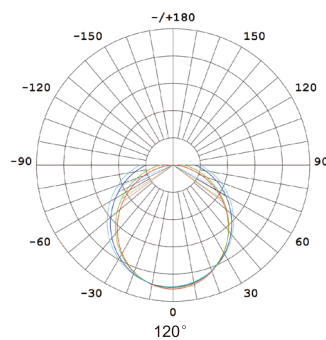


Application:

Suitable for indoor damp, dusty and clean environments, such as underground garage, basement, warehouse, supermarket, kitchen and food workshop and other places.

Technical Parameters:

Model No.	Power (W)	LED TYPE	Input volt (V)	PF	Lumen (LM/W)	Beam Angle	CCT (K)	CRI	Product Size(mm)		
									L	W	H
SF02-600-20WT	20	SMD2835	160-240	>0.9	>120	120°	3000-6500	>80	600	80	45
SF02-1200-30WT	30	SMD2835	160-240	>0.9	>120	120°	3000-6500	>80	600	80	45
SF02-1500-50WT	40	SMD2835	160-240	>0.9	>120	120°	3000-6500	>80	1200	80	45
SF02-600-20WT	20	SMD2835	160-240	>0.9	>145	120°	3000-6500	>80	1200	80	45
SF02-1200-40WT	40	SMD2835	160-240	>0.9	>145	120°	3000-6500	>80	1500	80	45
SF02-1500-50WT	50	SMD2835	160-240	>0.9	>145	120°	3000-6500	>80	1500	80	45



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Industry Lighting



❖ SF04 PC Batten Series

Product Feature:

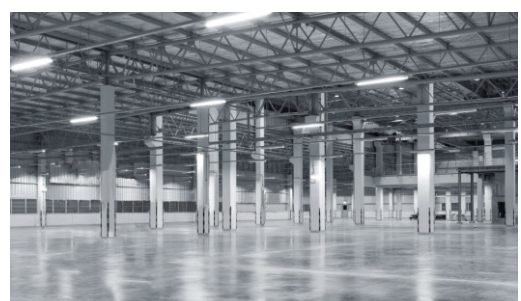
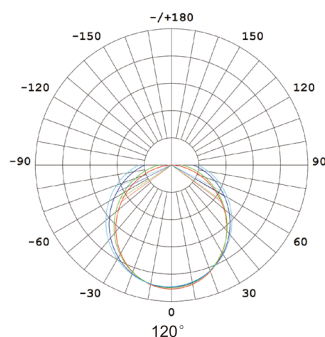
- A. Light directly using light board, not T8/T5 tube, luminous efficiency is higher.
- B. High-quality durable shell and good fire-retardant technology with better protection.
- C. Light body and cover, made of PC material with good flame retardant, protection level up to IP65.
- D. Cover has milky and frosted types optional. milky cover 83% and frosted cover 93% transmission rate.
- E. Wide and narrow types light-body for options, PC cover has milk and scubed types for options.
- F. Take high-quality SMD2835 chips and driver, stable and reliable performance, higher lumen efficiency and longer lifetime and low maintenance costs.

Application:

Widely used in underground car garage, warehouses, logistics centers, retail stores, theaters, restaurants and indoor places, widely replace traditional HID and high-power energy-saving lamps, saving 60% plus.

Technical Parameters:

Model No.	Power (W)	LED TYPE	Input volt (V)	PF	Lumen (LM/W)	Beam Angle	CCT (K)	IP	Product Size(mm)		
									L	W	H
SF02-600-20WT	20	SMD2835	200-240	>0.9	>130	120°	3000-6500	IP65	600	95	80
SF02-600-30WT	30	SMD2835	200-240	>0.9	>130	120°	3000-6500	IP65	600	95	80
SF02-1200-40WT	40	SMD2835	200-240	>0.9	>130	120°	3000-6500	IP65	1200	95	80
SF02-1200-50WT	50	SMD2835	200-240	>0.9	>130	120°	3000-6500	IP65	1200	95	80
SF02-1500-50WT	50	SMD2835	200-240	>0.9	>130	120°	3000-6500	IP65	1500	95	80
SF02-1500-60WT	60	SMD2835	200-240	>0.9	>130	120°	3000-6500	IP65	1500	95	80



► Microwave Motion Sensors for High Bay

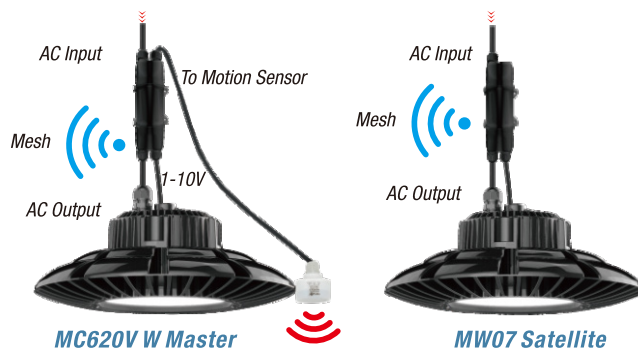
Mesh Control



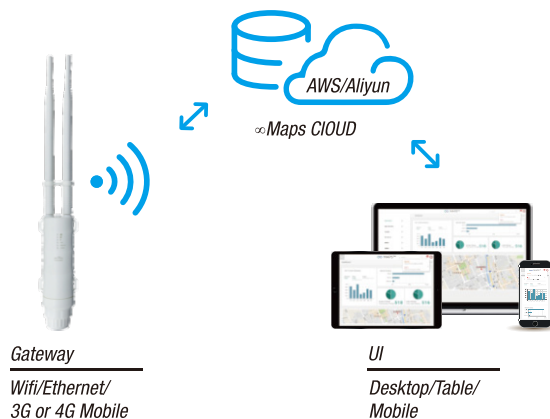
MC620V W



MW07

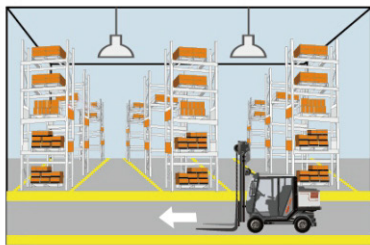


- AC 120/277Vac control & Mesh wireless version are optional.
- Patented 5.8G high-mounted microwave antenna, mounting height is 15m Max.
- Industrial-grade components are used, high reliability & long life span.
- IP65 rating for damp location.

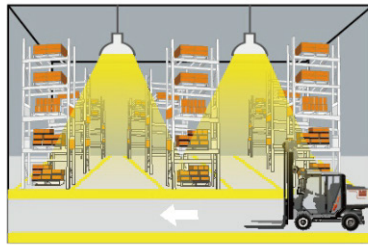


Features

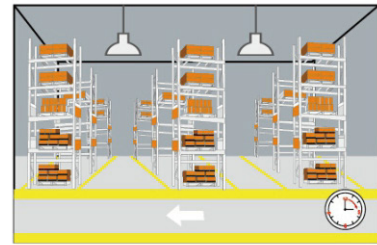
1. Switch function (Stand-by Period Set as "0s")



- ① When the ambient light is sufficient, the light will not turn on even if there is a moving signal.

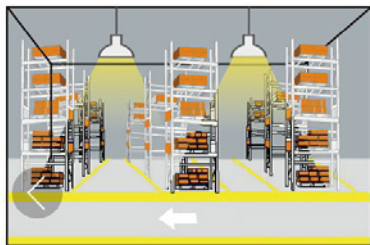


- ② When the ambient light is insufficient, the sensor detects the moving signal and the light is turned on.

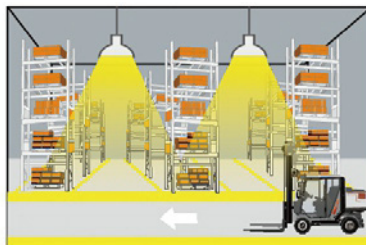


- ③ After the delay time has elapsed, the light will turn off if no motion signal is detected.

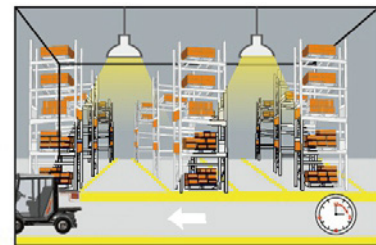
2. Two-stage dimming function (Stand-by Period Set as "+∞")



- ① When no moving signal is detected, the light remains low.

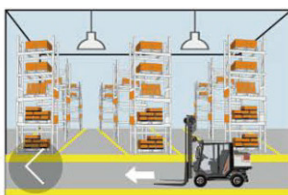


- ② When the sensor detects the moving signal, the light is fully illuminated.

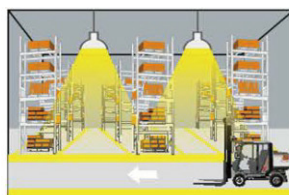


- ③ After the delay time has elapsed, if no motion signal is detected, the light will be turned to a low brightness.

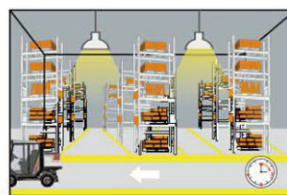
3. Three-stage dimming function (Stand-by Period Set as "10s/1min/3min/5min/10min/30min")



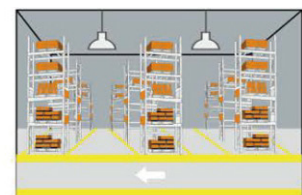
- ① When there is sufficient ambient light, even if there is a moving signal, it will not turn on.



- ② When the ambient light is insufficient, the sensor detects the movement signal and the light is turned on.



- ③ After the delay time has elapsed, if no motion signal is detected, the light will be adjusted to a set low brightness.

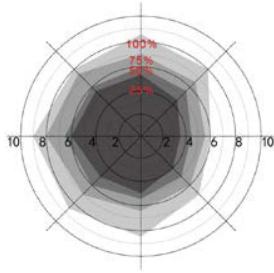


- ④ After waiting for the time. If no movement is detected within the detection area, the light is automatically turned off.

Radiation pattern

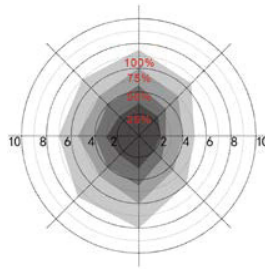
Ceiling installation:

Ceiling installation : 3m
Sensitivity : 100%/75%/50%/25%



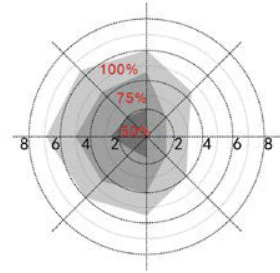
Normal walking (walking speed : 1m/s)

Ceiling installation : 9m
Sensitivity : 100%/75%/50%/25%

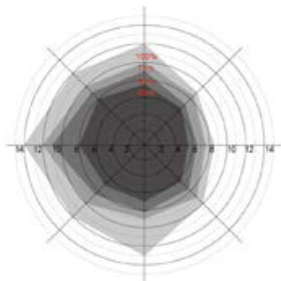


Normal walking (walking speed : 1m/s)

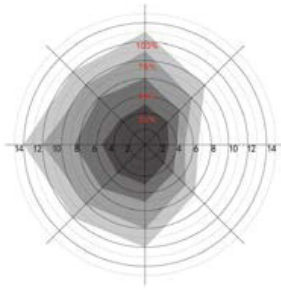
Ceiling installation : 15m
Sensitivity : 100%/75%/50%



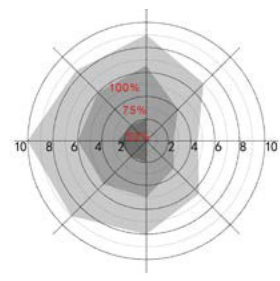
Normal walking (walking speed : 1m/s)



Slow walking (about walking speed 0.3m/s)



Slow walking (about walking speed 0.3m/s)

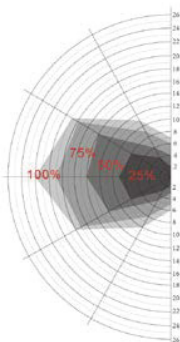


Slow walking (about walking speed 0.3m/s)

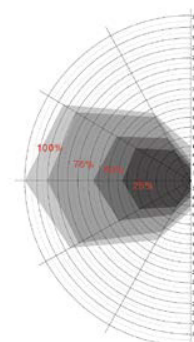
*When the installation height is 15 meters, only the 100%/75%/50% gear can detect the moving signal, and 25% can not detect the moving signal.

Wall mounting :

Horizontal installation : 2m
Sensing range setting : 100%/75%/50%/25%



Normal walking (walking speed : 1m/s)



Slow walking (walking speed : 0.3m/s)

► Emergency (for 20~100W Led lamp)

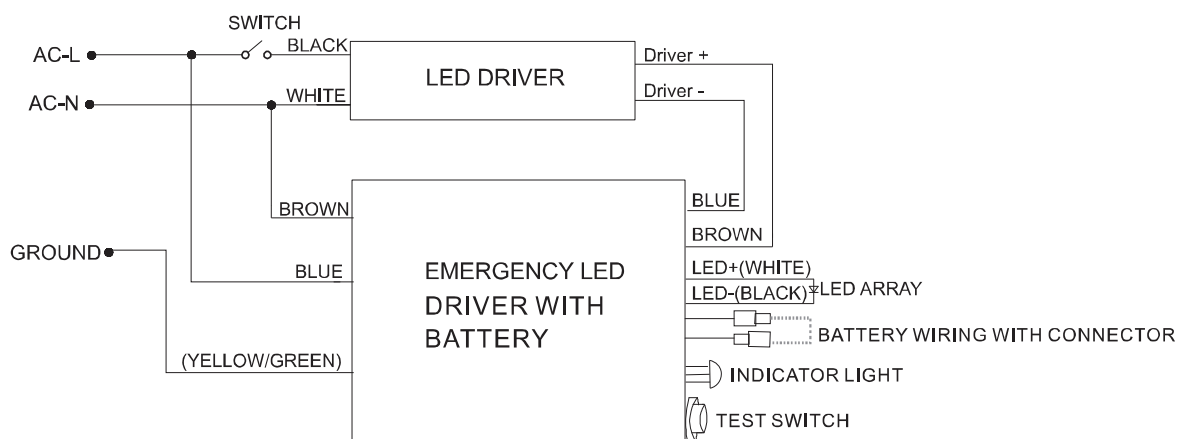


• Output: 3W/5W/8W •



Charging time: • 14h

Use of time: 3h





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