ZHEJIANG TORMIN ELECTRICAL CO.,LTD.

- Address: NO.2, GANGTENG ROAD, YONGXING SUBDISTRICT, LONGWAN DISTRICT, WENZHOU CITY, ZHEJIANG PROVINCE, CHINA, 325024
- Tel: +86 577 56966366 +86 577 56966616 Fax: +86 577 56966166
- E-mail: sales@tormin-lighting.com Http://www.tormin-lighting.com

General Catalogue 01.03.2025

TORMIN®

Non-ex Light/ Accessories Catalogue 2025

2025

Company Profile

Zhejiang Tormin Electrical Co., Ltd (stock code: 839558), established in 2003, is a high— tech civilian enterprise that specializes in R & D, manufacturing and selling of industrial lamps. Tormin products are widely used in the fields of petroleum, chemical industry, electric power, mining, metallurgy, railway, fire protection, etc.

Tormin industrial lights are made to the highest world standard in the industry, gets the European ATEX explosion— proof certification, IECEx international explosion— proof certification; CE, ROHS and other international certification, etc. international quality standard certification. Tormin passes ISO9001 quality control system, ISO14001 environment management system and OHSAS18001 Occupation Health Safety Management System. Tormin is one of the China Illuminating Engineering Society outstanding members, the National Light Industry explosion— proof lighting standard drafting units; has the honor to get the "National High— tech Enterprise", "National Torch Plan", "Wenzhou Famous Brand", "Wenzhou city famous trademark", "Zhejiang Science and Technology SMEs ", " patent model enterprise in Wenzhou City ", " patent protection of key enterprises "and" enterprise technology research and development center in Wenzhou City "; product has passed the national Coal Mine Safety certification, the State quality supervision and Inspection Center and lamps national explosion— proof electrical products for Quality Supervision and Inspection Center and other authoritative national certification bodies.

Tormin has a strong R & D and serious and pragmatic team. Adhere to the "dedicated, innovative and stable" business philosophy, through continuous innovation, with more than 20 years of market experience, always user-oriented, and constantly meet the needs of users as the core, through continuous improvement, products in the explosive gas, dust, corrosion, In harsh environments such as vibration, high temperature, and high humidity, they can work safely and reliably for a long time, and they have made many innovations in the use, maintenance, and intelligence of their products, making them more efficient and user-friendly. Tormin products not only meet the basic lighting needs, but also attach more importance to light and environment, and the perfect integration of light and biology, providing safer and more reliable energy-saving and environmentally friendly products for the era of smart lighting.

In accordance with the purpose of the industry to serve the country, the determination of being a hundred years of brand enterprises and the aim of winning the win-win situation of customers, employees, and enterprises, Tormin create an excellent platform for the continuous joining elites and build the first-class brand of industrial lighting in China.

Certificates

We are convinced that our leading role in future will also contribute to your success.





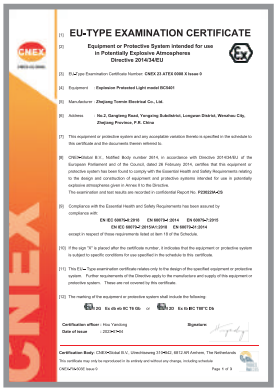
















Contents

- Product Image Selection Catalog ---------- 001
- Product Certificates ---------- 003
- Company Qualifications ---------- 004
- R&D Test Equipment ---------- 005
- Production Workshop ---------- 007
- LED Linear Lights ---------- 009
- LED Floodlights ---------- 019
- LED High Bay Lights ---------- 076
- LED Streetlight ---------- 087
- Fixed Emergency Lights ---------- 102
- Mobile Professional Lights ---------- 115

TORMIN Product Image Selection Catalog

Fixed Professional Lights

LED ABS



Model: ZY5321 Series
Power: 18~48W



Model: ZY5321E Series
Power: 36W



Model: ZY5322B Series
Power: 30~80W



Model: ZY5323A Series
Power: 18~50W



Model: ZY5323B Series
Power: 40W



Model: ZY8101 Series
Power: 25~80W



Model: ZY8102 Series
Power: 60~300W



Model: ZY8102D Series
Power: 50~400W



Model: ZY8106 Series
Power: 50~200W



Model: ZY8109B Series
Power: 100~300W



Model: ZY8109C Series
Power: 30~400W



Model: ZY8107B Series
Power: 300~1200W



Model: ZY8610 Series
Power: 500~1500W



Model: ZY8800 Series
Power: 6W,12W, 20W



Model: ZY8601iP Series
Power: 30~80W



Model: ZY8601iS Series
Power: 30~80W



Model: ZY8603 Series
Power: 30~80W



Model: ZY8603S Series
Power: 30~80W



Model: ZY8605 Series
Power: 100~240W



Model: ZY8605S Series
Power: 100~240W



Model: ZY8607 Series
Power: 30~80W



Model: ZY8607 Series
Power: 30~80W



Model: ZY8606 Series
Power: 240~480W



Model: ZY8606S Series
Power: 240~480W



Model: ZY8606SC Series
Power: 240~480W



Model: ZY8606SH Series
Power: 240~480W



Model: ZY9710 Series
Power: 80~200W



Model: ZY8502A Series
Power: 80~200W



Model: ZY8605A Series
Power: 80~200W



Model: ZY8507 Series
Power: 50~400W



Model: ZY8508 Series
Power: 80~300W



Model: ZY8508B Series
Power: 100~300W



Model: ZY8509 Series
Power: 50~200W



Model: ZY8702 Series
Power: 60~240W



Model: ZY8705 Series
Power: 50~150W



Model: ZY8705C Series
Power: 30~240W



Model: ZY8705C Series
Power: 30~240W



Model: ZY8705D Series
Power: 30~200W

TORMIN Product Image Selection Catalog

Fixed Emergency Lights



Model: ZY4200
Emergency Power: 1W



Model: TM-ZFZD-E6W -ZY5200
Emergency Power: 2X3W



Model: ZY5322BJ
Emergency Power: 15W, 25W



Model: ZY8101A/B
Emergency Power: 15W,25W



Model: ZY8603AP/BP
Emergency Power: 15W,25W



Model: ZY8603AS/BS
Emergency Power: 15W,25W



Model: ZY8810
Emergency Power: 4W, 6W



Model: ZLQ3140
Emergency Box

Mobile Professional Lights



Model: ZW3220
Power: 27W



Model: ZW3230
Power: 35W



Model:ZW3320
Power: 35W



Model: ZW3500D
Power:2×150W,2×240W



Model: ZW3500E
Power: 4×150W,4×240W



Model: ZW3500F
Power: 4×60W,4×100W



Model: ZW3500H
Power: 4×150W,4×300W



Model: ZW4308
Power: 1W



Model: ZW4308A
Power: 1W



Model: ZW4303
Directional light



Model: ZW01/ ZW02
Power: 3~6.8W



Model: ZW6220
Power: 1W



Model: ZW7600
Power: 1W



Model: ZW7600A
Power: 1W



Model: ZW7610
Power: 1W

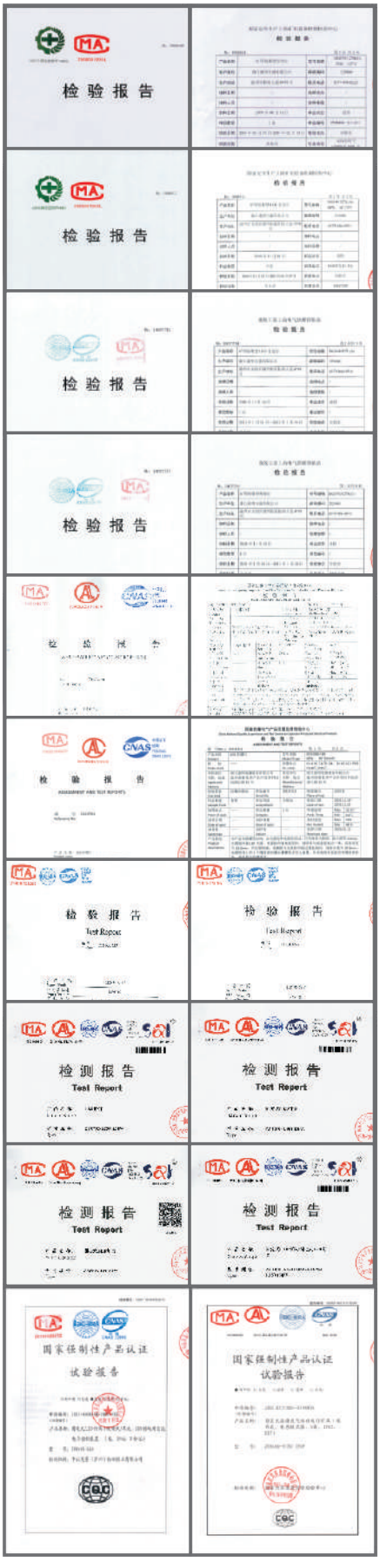


Model: ZW7710B, ZW7710C
Power: 3W

Product Certificates







Company Qualifications

We are convinced that our leading role in future will also lead to your success.



























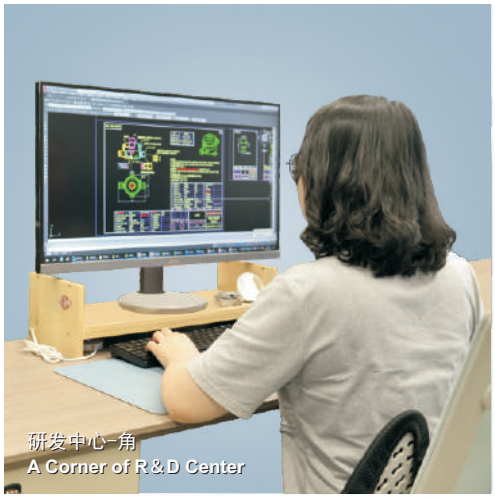






R&D Test Equipment

Each employee in **TORMIN** always sticks to the rigorous working attitude. They regard the product quality as their life and do not accept one piece of unqualified product, Standing in their customers' shoes,they do not allow even 0.1% unqualified products, which, though a very small percentage, will ruin the goal of realizing 100% customer satisfaction. The quality awareness and responsibility is deeply planted in heart, which guarantees the reliable quality of product in TONGMING.


研发中心一角
A Corner of R&D Center


数控车床
CNC lathe

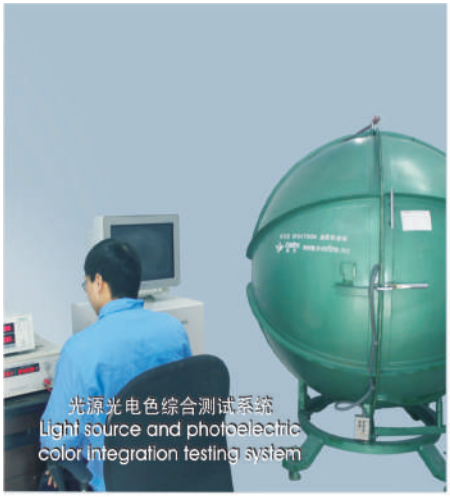

加工中心Processing Center


水压试验机
hydrostatic testing machine


微机控制电子万能材料试验机
Microcomputer controlled electronic universal material testing machine


雷击浪涌发生器
Lightning Surge Generato

R&D Test Equipment


光源光电色综合测试系统
Light source and photoelectric color integration testing system


分布光度计 配光曲线测试系统
Light distribution test system

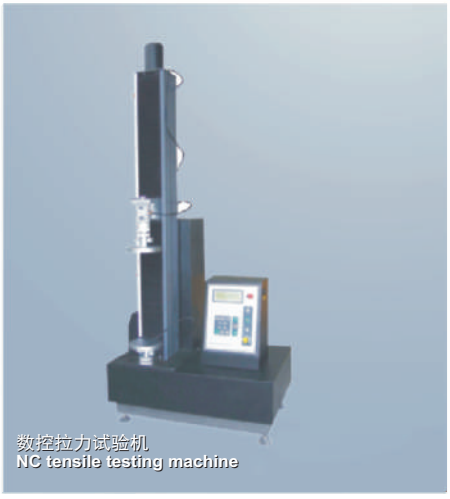



高低温湿热测试箱
High/how temperature humidity test chamber


盐雾实验箱/Salt spray test chamber


防护试验装置
Shield-test facility


粉尘试验箱
Dustproof test box


数控拉力试验机
NC tensile testing machine


落锤式冲击试验机
Landing impact testing machine

Production Workshop













Each employee in **TORMIN** always sticks to the rigorous working attitude. They regard the product quality as their life and do not accept one piece of unqualified product, Standing in their customers' shoes,they do not allow even 0.1% unqualified products, which, though a very small percentage, will ruin the goal of realizing 100% customer satisfaction. The quality awareness and responsibility is deeply planted in heart, which guarantees the reliable quality of product in TONGMING.

Production Workshop







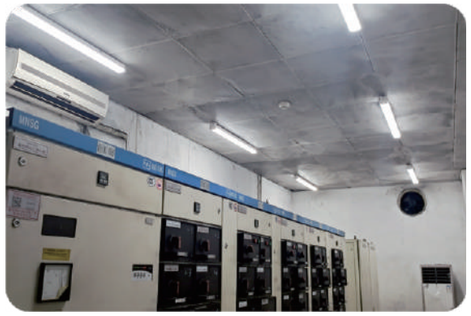






IP 66





Application

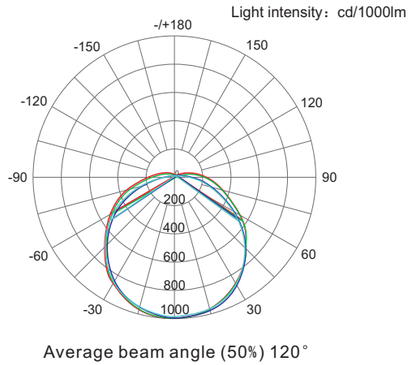
This product is widely used in offices, control rooms, conference rooms, lounges, power distribution rooms, pipe gallery warehouses, power warehouses, cable tunnels, warehouses;

It is suitable for places with high moisture and corrosion protection levels.

Characteristics

- The shell is made of imported polycarbonate (two-color injection molding, not only permanent dustproof and waterproof, but also high strength, corrosion resistance, anti-photoaging, etc.
- The translucent cover is made of non-transparent optical grade diffusing material and has a large output of flexible light output, no glare, no blue light hazard.
- The overall lighting efficiency is as high as 100lm/W, which is more than 60% energy saving compared to the metal halide lamp.
- The whole lamp protection grade is IP66, which can be applied to various indoor and outdoor sand dust or rain and fog, wave environment.
- **Can be equipped with the built-in emergency module, 3W/60min, emergency lighting or pure emergency.**

Light Distribution Curve



Average beam angle (50%) 120°

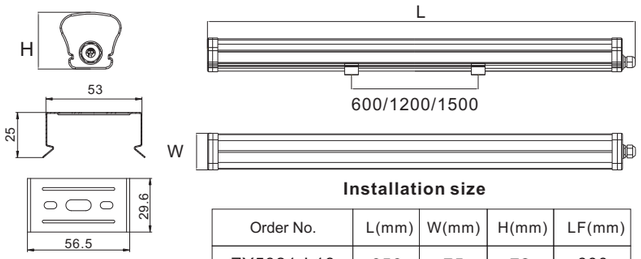
Main Specification

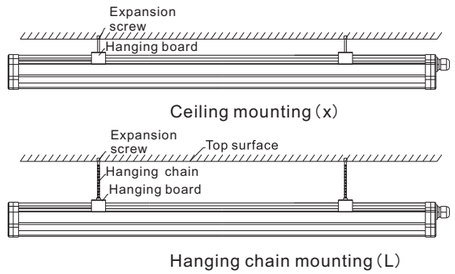
Item	Technical Parameters
Rated voltage (V)	90~264VAC
Rated frequency	50Hz / 60Hz
Life time (h)	50,000
CCT	5000K（3000K/4000K Optional）
CRI	Ra 80
Leading-in cable diameter	Suitable for φ6mm~φ8mm
Net weight (kg)	0.72(18W); 1.2(36W); 1.5kg(48W)

Ordering Reference

Ordering Reference	Rated wattage (W)	Lighting output(lm)	Space height ratio	Mounting height(m)
ZY5321-L18	18	1800	1.75	2~6
ZY5321-L36	36	3960		
ZY5321-L48	48	5190		
For the emergency type, add "J" after the item no,such as ZY5321J				

Installation Method





Installation size

Order No.	L(mm)	W(mm)	H(mm)	LF(mm)
ZY5321-L18	656	75	72	600
ZY5321-L36	1256	75	72	1200
ZY5321-L48	1556	75	72	1500

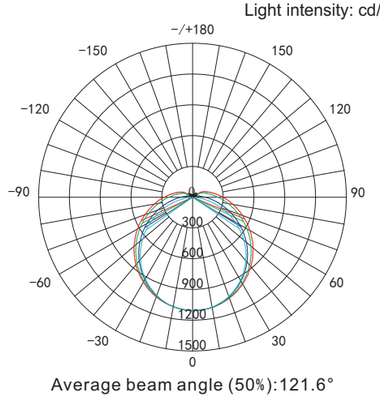


Implementation standards:
GB7000/GB17625/GB17743



Light Distribution Curve

Light intensity: cd/1000lm



Average beam angle (50%):121.6°

Application

- This product is widely used for lighting in indoor places such as distribution rooms, switchgear, substation control rooms, high-voltage rooms, conference rooms, offices, etc.

Characteristics

- Adopting high light transmittance materials, professional lighting design, uniform and soft light, comfortable lighting without flicker, and meeting the needs of customer video conferencing;
- The shell is made of high-quality aluminum alloy material, which is sturdy and durable, with anodized surface, anti-corrosion and rust-proof, and can be used in humid environments;
- Close Sealed structure, effectively prevents mosquitoes from entering, no cracks, no deformation, no dust, and can be used in various environments for a long time;
- High-efficiency driving power supply, with multiple protection functions such as short circuit and high voltage;
- Excellent heat dissipation design, effectively ensures that the lamps can work stably and reliably for a long time;
- Flexible and diverse installation methods and interfaces, it is widely used in various installation scenarios.
- Emergency characteristics: The emergency type has two functions of normal lighting and emergency lighting, and one lamp has two uses.
- The light can be directly wired in parallel, saving the cost of other installation accessories.
- Induction characteristics: The induction type achieves the energy-saving effect of "lights on when people come and lights off when people leave" through microwave induction.

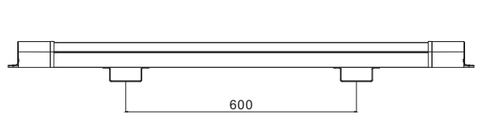
Main Specification

Item	Technical Parameters
Input voltage	90~264VAC
Rated frequency	50Hz / 60Hz
Rated wattage	36W
Light source	LED
CRI	Ra 70
CCT	5000K(4000K/6000K optional)
Light source lifetime	100,000hrs
Leading-in cable outer diameter	Suitable for ϕ6mm ~ϕ8mm
Dimension	1212×72×67mm

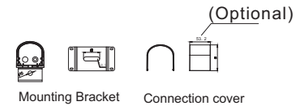
Ordering Reference

Model number	Emergency wattage (W)	Emergency time (min)	Rated Wattage (W)	Light output (lm)	Space height ratio	Mounting height (m)	Weight (Kg)	Installation method	Equivalent to MH
ZY5321E-L36	/	/	36W	4000	1.75	2~6m	2	Ceiling installation (x) Wall installation (b) Pole installation (g) Parallel installation (B)	70W~100W
ZY5321EJ-L36-L5	5	180	36W	4000			2.2		70W~100W
ZY5321Ei-L36	/	/	36W	4000			2.1		70W~100W
Conventional example: Order number is ZY5321EB-L36-5000K, Item No.: ZY5321E, Power: 36W, CCT: 5000K, Parallel installation: B.									

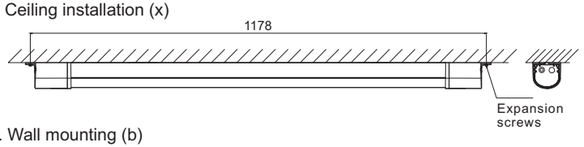
Installation method



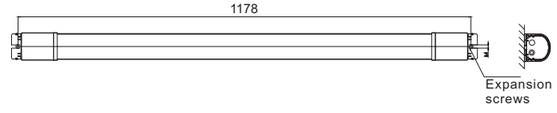
Schematic diagram does not include connection cover



1. Ceiling installation (x)

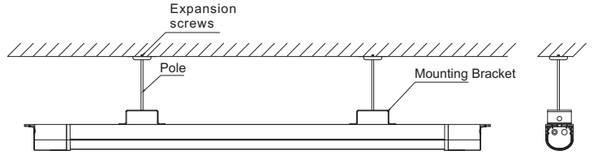


2. Wall mounting (b)

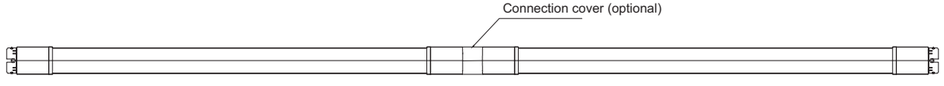


Part name \ Installation method	Ceiling/ side wall type	Side wall type	Parallel wiring method	Remarks
Mounting bracket	X	2	X	X: indicates no configuration
Connection cover	X	X	1	
Wire guard	1	1	1	
Rubber plug	3	5	3	
Terminal block	X	X	2	
Self-adhesive sticker	2	X	2	
Built-in 1M cable	X	X	1	

3. Pole installation (g)



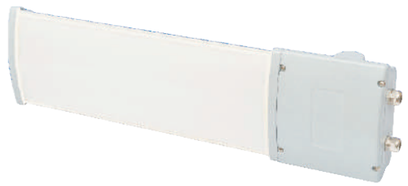
4. Parallel wiring method (B) (applicable to the installation of multiple lamps in a straight line)



IP 66

Ta 55

Ta -40



Application

Idea to be used in power distribution rooms, garages, corridors, flyovers and bridge cranes.

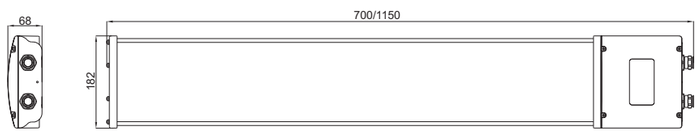
Characteristics

- Seawater resistant, anodized aluminum housing.
- Flexible light exit cover, soft and comfortable light.
- The whole lighting effect is over 110 lm/W.
- Ship-level anti-vibration test.
- Outdoor light diffusion material translucent cover, strong weather resistance.
- Independent junction box design, convenient wiring, can be used in parallel with multiple lamps.
- Exposed fasteners are all made of 304 stainless steel (Ocean platform requires custom 316 stainless steel).

Main Specification

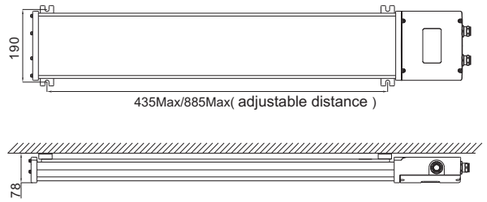
	Technical Parameters			
Item	ZY5322B-L30	ZY5322B-L40	ZY5322B-L60	ZY5322B-L80
Rated wattage (W)	30W	40W	60W	80W
Input voltage(V)	90~264VAC,50/60Hz			
Light output (lm)	3000lm	4000lm	6600lm	8000lm
CCT	5000K (3000K/4000K Optional)			
CRI (Ra)	70			
IP class	IP66			
Ambient Temperature	-40~+55℃			
Number of cable inlets	1~2			
Leading-in cable diameter(mm)	φ8~φ12			
Dimension (mm)	700×182×68	700×182×68	1150×182×68	1150×182×68
Net Weight (kg)	3.2	3.4	4.5	4.7

Drawing of dimension (Dimensions in mm)

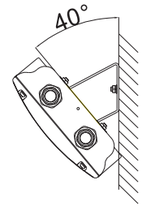


Drawing of dimension (Dimensions in mm)

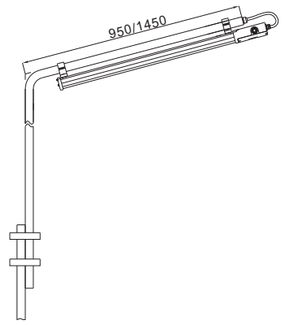
1. Bracket mounting(Standard)



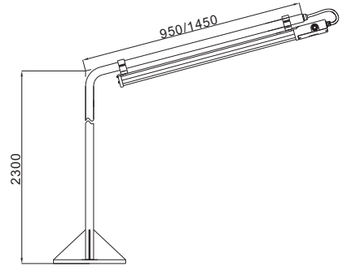
2. Side wall mounting (40 degree)

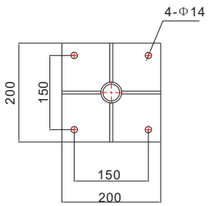


3. Guardrail installation



4. Flange mounting





Ordering reference

Item No.	Rated wattage(W)	Input voltage(V)	CCT	CRI	Mounting type	Number of cable inlets
ZY5322B-L	30/ 40/ 60/ 80	100V/240V	3000K-30 4000K-40 5000K-50	R7(Ra70) R8(Ra80)	S1 Bracket mounted S2 Side wall mounted S3 Guardrail installation S4 Flange mounting	E1(one cable inlet) E2(two cable inlets)

Example: Specification of Lamp is Power 40W, Color temperature 5000K, Bracket mounting, One cable inlet.
Order number as ZY5322B-L40W100/240V50R7S1E1

ZY5323A LED Clean Light





Application

It is widely used for lighting in operating rooms, hospitals, pharmaceutical factories, food factories and other places;

Applicable installation sites: clean workshops for the production of technical medicines, fine chemicals, electronics, and microelectronics; Laboratory; operating room.

Characteristics

■ The lamp adopts a split design of light source and power supply, which can be quickly installed and replaced on site without welding;

■ The frame of the shell is made of aluminum alloy extrusion molding, the surface adopts a smooth bevel method, no dust and dead corners, and the surface is treated with high-voltage electrostatic spray;

■ The diffuser plate is made of high-quality PC material, which is anti-ultraviolet and impact-resistant; the light guide plate is made of PMMA acrylic material with high light transmittance; the back cover plate is made of galvanized steel; the standard parts are made of stainless steel SUS304, which can be used in high corrosion environments for a long time;

■ Adopt the front and rear glue sealing method to seal, the sealing performance is superior, and it can meet the high standard requirements of the lamp in the use environment;

■ The light guide plate adopts the laser dot method, which has high reflection efficiency, uniform illuminance in the irradiation range, and the irradiation angle is more than 110°, which makes full and effective use of light;

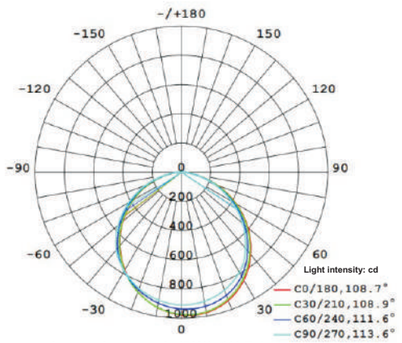
■ Adopt adjustable buckle bracket, suitable for ceiling thickness range of 20~60mm;

■ The protection level of the lamp shell reaches IP66, which can effectively resist heavy rain and dust;

■ The light source adopts international brands, the whole light efficiency is greater than 100lm/W, and the power consumption is only 50% of the fluorescent lamp;

■ The key components of the power supply are all world-renowned brands, which are efficient, stable and have long service life.

Light distribution curve



Average beam angle (50%): 110.7 degree

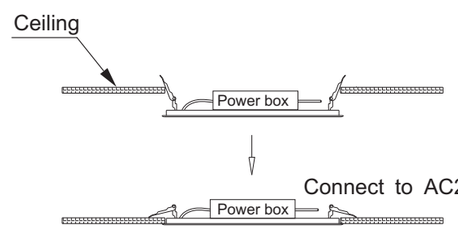
Main Specification

Item	Technical Parameters
Input voltage range (V)	90~305VAC
Rated frequency	50Hz / 60Hz
Light source	LED
CCT	5000K (3000K/4000K Optional)
CRI	Ra 70 (80 Optional)

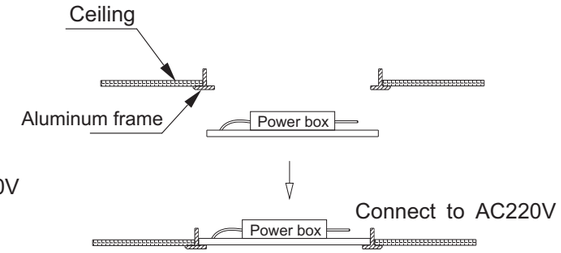
Ordering Reference

Model Number		Rated wattage(W)	Lighting output(lm)	Mounting height (m)	Dimensions (mm)	Net weight (Kg)	Equivalent to
Suction installation(X)	Embedded mounted(Q)						Fluorescent lamp
ZY5323AX-L18	ZY5323AQ-L18	18	1900	3~6	595(L)×295(W)×15(H)	2.3	36W
ZY5323AX-L24	ZY5323AQ-L24	24	2520				48W
ZY5323AX-L40	ZY5323AQ-L40	40	4000	4~8	1195(L)×295(W)×15(H)	4.3	72W
ZY5323AX-L50	ZY5323AQ-L50	50	5500				108W

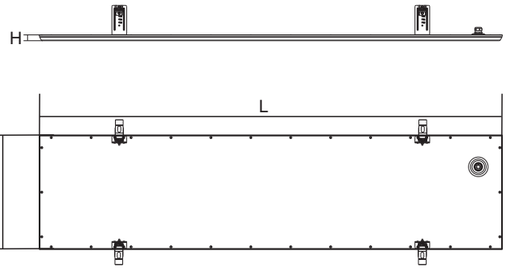
Drawing of dimension (Dimensions in mm)



Suction installation(X)



Embedded mounted(Q)



Installation size

ZY5323B LED Clean Light





Application

It is widely used for lighting in operating rooms, hospitals, pharmaceutical factories, food factories and other places;

Applicable installation sites: clean workshops for the production of technical medicines, fine chemicals, electronics, and microelectronics; Laboratory; operating room.

Characteristics

■ The lamp adopts a split design of light source and power supply, which can be quickly installed and replaced on site without welding;

■ The frame of the shell is made of aluminum alloy extrusion molding, the surface adopts a smooth bevel method, no dust and dead corners, and the surface is treated with high-voltage electrostatic spray;

■ The diffuser plate is made of high-quality PC material, which is anti-ultraviolet and impact-resistant; the light guide plate is made of PMMA acrylic material with high light transmittance; the back cover plate is made of galvanized steel; the standard parts are made of stainless steel SUS304, which can be used in high corrosion environments for a long time;

■ Adopt the front and rear glue sealing method to seal, the sealing performance is superior, and it can meet the high standard requirements of the lamp in the use environment;

■ The light guide plate adopts the laser dot method, which has high reflection efficiency, uniform illuminance in the irradiation range, and the irradiation angle is more than 110°, which makes full and effective use of light;

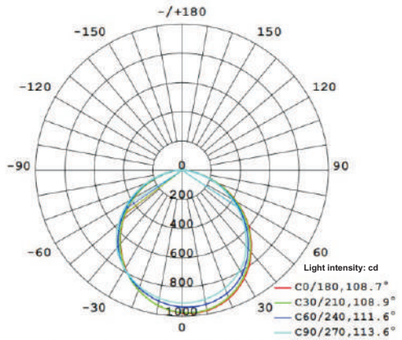
■ Adopt adjustable buckle bracket, suitable for ceiling thickness range of 20~60mm;

■ The protection level of the lamp shell reaches IP66, which can effectively resist heavy rain and dust;

■ The light source adopts international brands, the whole light efficiency is greater than 100lm/W, and the power consumption is only 50% of the fluorescent lamp;

■ The key components of the power supply are all world-renowned brands, which are efficient, stable and have long service life.

Light distribution curve



Average beam angle (50%): 110.7 degree

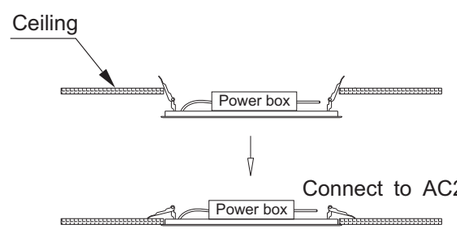
Main Specification

Item	Technical Parameters
Input voltage range (V)	90~305VAC
Rated frequency	50Hz / 60Hz
Light source	LED
CCT	5000K (3000K/4000K Optional)
CRI	Ra 70 (80 Optional)

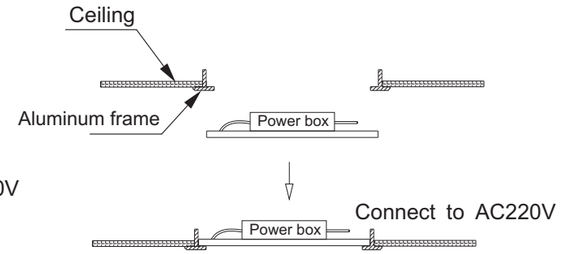
Ordering Reference

Model Number		Rated wattage(W)	Lighting output(lm)	Mounting height (m)	Dimensions (mm)	Net weight (Kg)	Equivalent to
Suction installation(X)	Embedded mounted(Q)						Fluorescent lamp
ZY5323BX-L40	ZY5323BQ-L40	40	4400	4~8	595(L)×595(W)×15(H)	2.2	72W

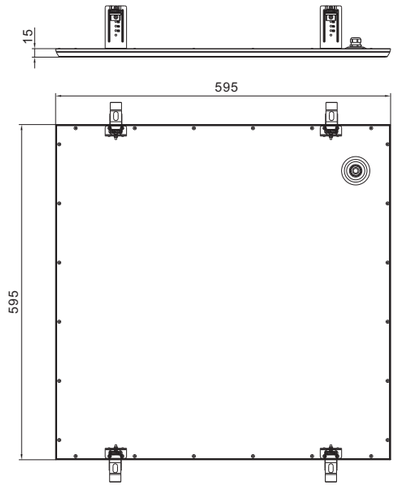
Drawing of dimension (Dimensions in mm)



Suction installation(X)



Embedded mounted(Q)



Installation size

ZY8101 Series
Glare Free Led Floodlight

CE
RoHS
IP 66
Ta 50
Ta -40



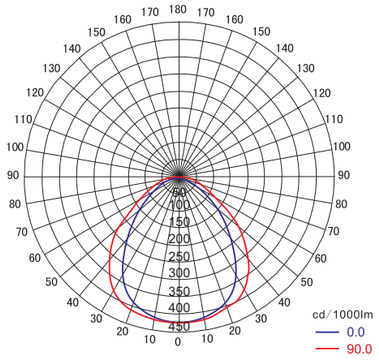
Application

It is an ideal lighting solution for power plants, substations, factories, docks, metallurgical plants and other indoor and outdoor lighting.

Characteristics

- Apply the design of lens with different angles, make irradiation surface wider, fully effective use of light. Illumination uniformity, no glare, does not cause eyestrain of workers, improve work efficiency.
- Radiator adopt fin structure design, light source adopt decentralized layout and separate structure of power, long-term suitable for operating environment with high temperature and high humidity.
- It adopts American CREE LED as light source, no dark zone in light spot, can save 60% or more on energy than the metal halide lamp.
- Equipped with electrical appliance of Meanwell or similar quality power driver AC- DC wide voltage constant power supply, power factor up to 0.98.
- The locking device on the bracket will keep the lamp from shift or trembling during harsh vibration.
- Housing made of aluminum alloy, all exposed fasteners adopt 304 stainless steel., using high-tech anti-corrosion surface treatment technology, suitable for a variety of harsh industrial operating environment.
- According to user needs, achieve a variety of intelligent control.

Light Distribution Curve



Main Specification

Item	Technical Parameters
Input voltage (V)	90~264VAC(30~80W)
	18~43VAC/ 18~55VDC(25~60W)
Rated frequency	50Hz / 60Hz
Light source	LED
Life time (h)	100,000
CRI	Ra 75
CCT	5000K ±250K
Leading-in cable diameter	Φ6mm~ Φ8mm
Dimension (mm)	300×300×75
Net weight (kg)	4.7

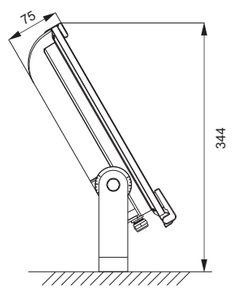
ZY8101 Series
Glare Free Led Floodlight

Ordering Reference

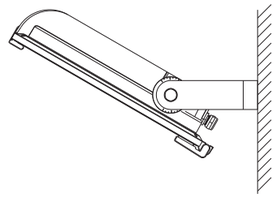
Model number	Input voltage (V)	Rated wattage (W)	Light output (lm)	Space height ratio	Mounting height (m)	Equivalent to Metal Halide Lamp
ZY8101-L25	90~264VAC	25W	2800	1.4	2~6m	70W
ZY8101-L40		40W	3800			100W
ZY8101-L60		60W	5100		3~8m	150W
ZY8101-L80		80W	7200			175W
ZY8101-L25D	18~43VAC/ 18~55VDC	25W	2800	1.4	2~6m	70W
ZY8101-L40D		40W	3800			100W
ZY8101-L60D		60W	5100		3~8m	150W

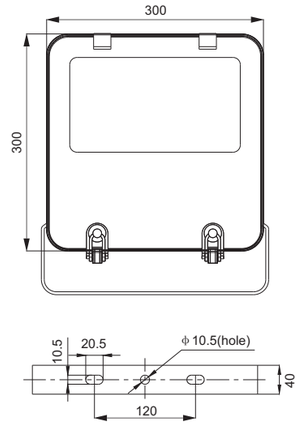
Drawing of dimension (Dimensions in mm)

Seat mounting



Side wall mounting





Installation Dimension



TORMIN ZY8102 Series LED Floodlight

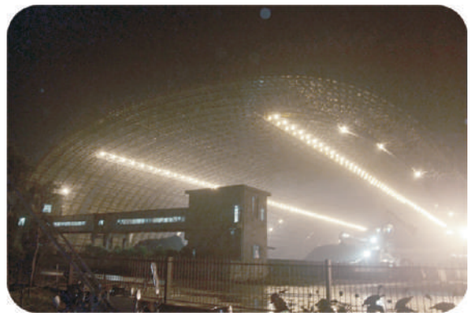


Characteristics

- Product adopt back transparent module heat sink system, solve the problem of easy deformation of the traditional module and the low air flow rate and low heat radiation, improve work efficiency and service life.
- Modular design could solve the maintenance problem of LED lighting. It can achieve module replacement without opening light fixtures.
- Professional Light distribution design, rectangular spot, can save 60% or more on energy than the metal halide lamp.
- Equipped with electrical appliance of Meanwell or similar quality power driver, power factor up to 0.98.
- The locking device on the bracket will keep the lamp from shift or trembling during harsh vibration.
- Housing made of aluminum alloy, all exposed fasteners adopt 304 stainless steel. Using high-tech anti-corrosion surface treatment technology, suitable for a variety of harsh industrial operating environment.
- According to user needs, achieve a variety of intelligent control.

Application

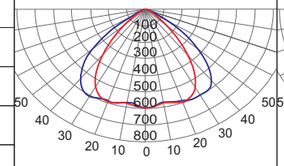
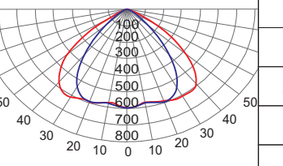
It is an ideal lighting solution for power plants, substations, factories, docks, metallurgical plants and other indoor and outdoor lighting.



Main Specification

Item	Technical Parameters	
Input voltage (V)	90~305VAC	
Rated Frequency	50Hz / 60Hz	
Life time (h)	100,000	
CRI	Ra 75	
CCT	5000K ±250K	
Leading-in cable diameter	Φ6mm~Φ8mm	
Dimension (mm)	80W / 100W / 120W	322(L)×363×150
	150W / 180W	417(L)×363×150
	240W	512(L)×363×150
	300W	607(L)×363×150
Net Weight (kg)	80W / 100W / 120W	5.2
	150W / 180W	6.2
	240W	7.2
	300W	8.2

Ordering Reference

Model number	Rated Wattage (W)	Light output (lm)	8102F Light distribution curve (1000cd/lm)	8102S Light distribution curve (1000cd/lm)	Equivalent to Metal Halide Lamp
ZY8102□-L80-80°×100°	80W	8800			175W~250W
ZY8102□-L100-80°×100°	100W	11000			250W
ZY8102□-L120-80°×100°	120W	12200			250W~400W
ZY8102□-L150-80°×100°	150W	16500			400W
ZY8102□-L180-80°×100°	180W	18900			400W~600W
ZY8102□-L240-80°×100°	240W	25200			600W
ZY8102□-L300-80°×100°	300W	31500			600W~1000W

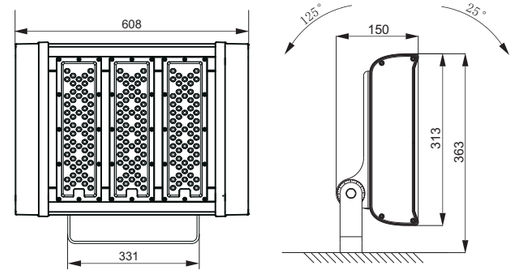
Space height ratio：1.4
Mounting height：4~15m

Space height ratio：1.4
Mounting height：4~15m

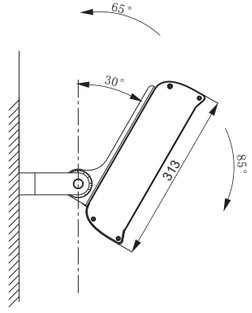
*: Model number "□"According to the actual installation requirements to fill F or S(See installation diagram on the next page), ZY8102S type only applies 180W or less power.

Drawing of dimension (Dimensions in mm)

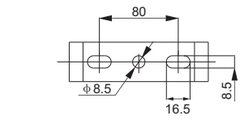
ZY8102F(Bracket mounting)



Seat mounting

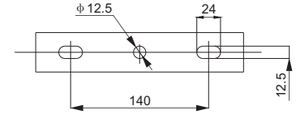


Side wall mounting



Installation Dimension

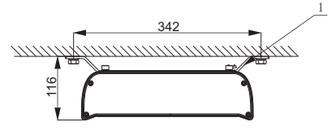
60W，80W，100W



Installation dimension

120W，150W，180W，240W，300W

ZY8102X(Ceiling mounting)



Ceiling mounting

Ordering Information (optional)

Order number	No.	Specifications Model	Quantity
P13	1	Ceiling mounting bracket	2



Application

This product is suitable for flood lighting in various indoor and outdoor places such as factories, highways, bridges, airports, etc.

Characteristics

- The product's unique back transparent module cooling system improves the light efficiency of the light source.
- Modular design, according to the brightness requirements of the application, the number of corresponding modules can be flexibly selected.
- Module replacement can be realized without opening the lamps.
- The light source adopts the world famous brand and the power consumption is only 40% of the metal halide lamp.
- The color temperature can be selected according to customer requirements from 2700K to 6000K.
- It adopts international brand, Taiwan Meanwell power supply, with a power factor of 0.98.
- The angle locking device of the lamp can ensure that the lamp will never change the illumination angle under the vibration environment.

Main Specification

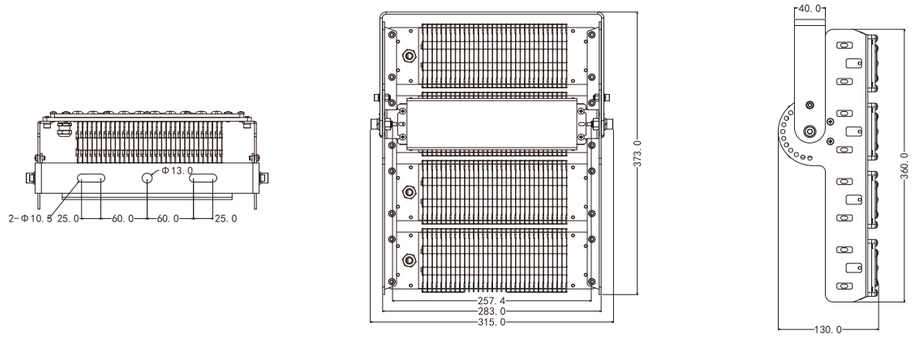
Item	Technical Parameter
Input voltage range	AC90～305V
Rated frequency	47～63Hz
Rated wattage	50~400W
Life time	100,000hrs

Ordering Reference

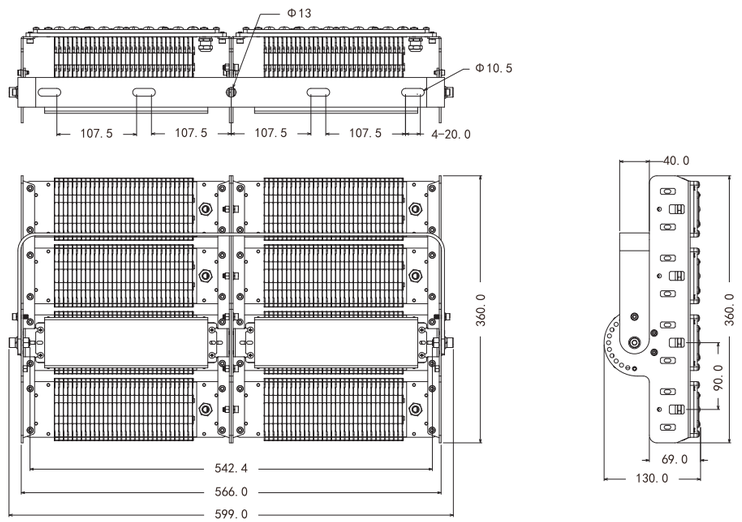
Model number	Rated wattage (W)	Light output (lm)	Dimension(mm)	Net weight(Kg)	Equivalent to HPS
ZY8102D-L50	50W	6090	315×193×130	3	100W
ZY8102D-L100	100W	12200	315×238×130	3.7	250W
ZY8102D-L150	150W	19020	315×283×130	4.1	400W
ZY8102D-L200	200W	23000	315×373×130	5.5	>400W
ZY8102D-L250	250W	28850	315×463×130	5.9	600W
ZY8102D-L300	300W	34620	599×283×130	8.1	600W~1000W
ZY8102D-L400	400W	46160	599×360×130	9.7	1000W

Drawing of dimension (Dimension in mm)

50W~250W(Drawing using 200W including 4 modules as example):



300W/400W(Drawing using 400W including 8 modules as example):



ZY8106 LED Light

IP 66

Ta 40

Ta -40



Characteristic

■ The lamp is designed with a snap-on quick-opening cap anti-fall structure for easy installation and maintenance.

■ Use high-end brand outdoor dedicated power supply, wide input range, constant current and constant voltage output, high power factor, high efficiency, dual-stage PFC, anti-lightning surge, to ensure long-term stable and efficient output of lamps.

Application

The lamp has high anti-corrosion and anti-seismic ability and the protection level reaches IP66, which is for various harsh industrial operating environments such as dust, rain and fog, sea waves, etc.

Suitable for outdoor lighting, supplementary lighting in workshops, equipment key lighting etc.

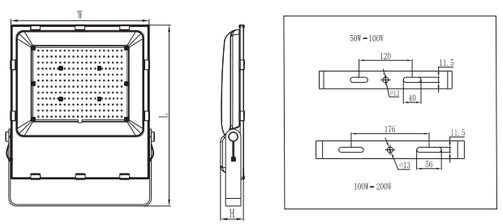
Main specification

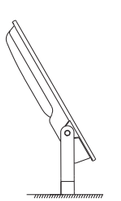
Item	Technical Parameters
Input voltage	90~264VAC
Rated frequency	50Hz / 60Hz
Rated wattage	50W~200W
Light source	LED
Life time	50000h
CRI	Ra 70
CCT	5000K

Ordering Reference

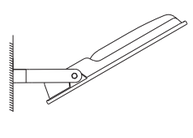
Model number	Rated wattage (W)	Light output (lm)	Net weight (kg)	Mounting height	Dimension(mm)	Equivalent to MH
ZY8106-L50	50	>6,000	3.2	8~12m	311(L)X220(W)X50(H)	100W
ZY8106-L100	100	>12,000	3.5		403(L)X295(W)X60(H)	250W
ZY8106-L150	150	>16,800	4.4		431(L)X330(W)X60(H)	400W
ZY8106-L180	180	>21,600	5.9		471(L)X360(W)X60(H)	>400W
ZY8106-L200	200	>23,000	5.9		471(L)X360(W)X60(H)	400W~600W

Drawing of dimension (Dimension in mm)

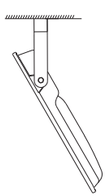




seat mouting



side wall mounting



celling mounting

ZY8109B LED Floodlight

IP 65



Implementation Standards: GB7000/GB17625/GB17743

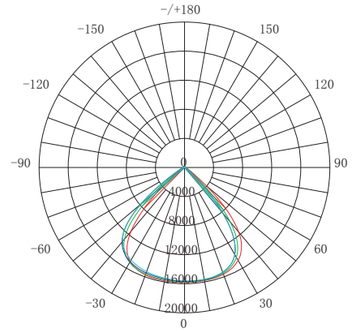
Application

This product is widely used in outdoor squares and other open-air places lighting, and is also suitable for non-corrosive production workshops as supplementary lighting.

Characteristics

- Fully die-cast split structure, long life, high structural strength;
- Tempered glass lens, excellent light transmittance and good weather resistance;
- The power compartment can be opened separately, which makes installation and maintenance more convenient;
- The angle is flexible and adjustable, suitable for different lighting needs;
- Protection level IP65, suitable for various outdoor environments.

Light distribution curve



Average beam angle (50%) 90°

Main Specification

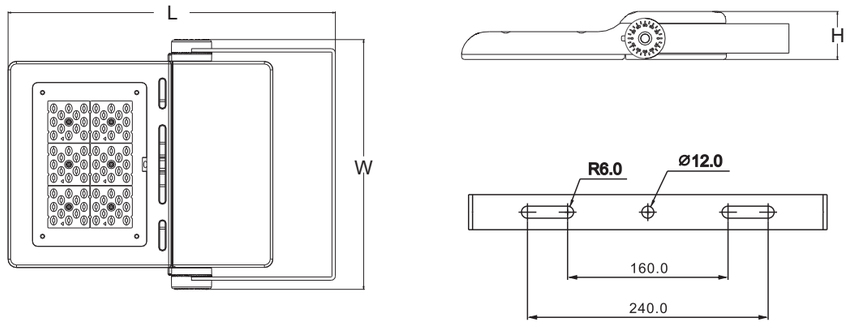
Item	Technical Parameter
Input voltage range	90~264VAC
Rated frequency	50Hz / 60Hz
Rated wattage	100W~300W
Light source	LED
CRI	70(80 optional)
CCT	5000K
Light source lifetime	100,000hrs
Beam angle	60°/90°/120°
Leading-in cable outer diameter	ϕ8mm~ϕ14mm

Ordering Reference

Model number	Rated Wattage	Light output(lm)	Space height rate	Mounting height(m)	Net weight (Kg)	Dimensions (mm)	Equivalent to MH
ZY8109B-L100	100W	>13500	1.25	3~5	4	389(L)×297(W)×57(H)	250W
ZY8109B-L150	150W	>20250		5~10	4.5	437(L)×346(W)×57(H)	300W
ZY8109B-L200	200W	>27000		8~15	6.2	493(L)×379(W)×57(H)	400W
ZY8109B-L300	300W	>40500		10~25	9.5	582(L)×444(W)×60(H)	600W

ZY8109B LED Floodlight

Installation And Selection





ZY8109C LED Floodlight

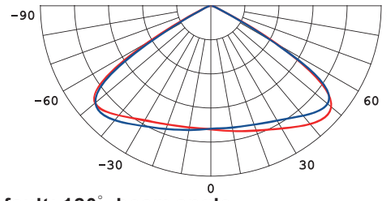


IP66 Ta50 Ta-40

Application

This product is widely used in outdoor squares and other open-air places lighting, and is also suitable for non-corrosive production workshops as supplementary lighting.

Light Distribution Curve



Default: 120° beam angle

Characteristics

- World class, approbated quality components (LEDs /Driver /etc.)
- Equipped with vent to avoid internal fogging and frosting
- Wide choice of optics to suit more applications (asymmetrical and symmetrical)
- Buckle design makes it very easy for further maintenance

Main Specification

Item	Technical Parameter
Input voltage range	90~264VAC
Rated frequency	50Hz / 60Hz
Rated wattage	30W~400W
Light source	LED
Body Material	High pressure die-cast aluminum
Cover Material	Tempered glass
Light source	LED
CRI	70
CCT	5000K
Light source lifetime	100,000hrs
Beam angle	25°, 60°, 90°, 120° or Asymmetrical

Ordering Reference

Version S: Dimensions: 345(L)×226(W)×81(H); Net weight: 2.3 Kgs

Model No.	ZY8109C-L30S	ZY8109C-L40S	ZY8109C-L50S
Rated Wattage	30W	40W	30W
Efficiency	135lm/w	145lm/w	135lm/w
Lumen	4050lm	5800lm	6750lm

Version M: Dimensions: 447(L)×321(W)×90(H); Net weight: 4.4 Kgs

Model No.	ZY8109C-L60M	ZY8109C-L80M	ZY8109C-L100M	ZY8109C-L120M
Rated Wattage	60W	80W	100W	120W
Efficiency	145lm/w	140lm/w	140lm/w	140lm/w
Lumen	8700lm	11200lm	14000lm	16800lm

ZY8109C LED Floodlight

Version L: Dimensions: 495(L)×378(W)×90(H); Net weight: 6.0 Kgs

Model No.	ZY8109C-L150L	ZY8109C-L180L	ZY8109C-L200L	ZY8109C-L240L
Rated Wattage	150W	180W	200W	240W
Efficiency	140lm/w	145lm/w	140lm/w	135lm/w
Lumen	21000lm	26100lm	28000lm	32400lm

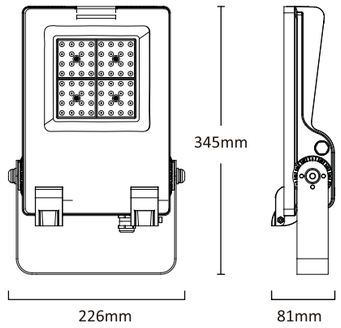
Version XL: Dimensions: 639(L)×507(W)×90(H); Net weight: 12.0 Kgs

Model No.	ZY8109C-L320XL	ZY8109C-L400XL
Rated Wattage	320W	400W
Efficiency	150lm/w	145lm/w
Lumen	48000lm	58000lm

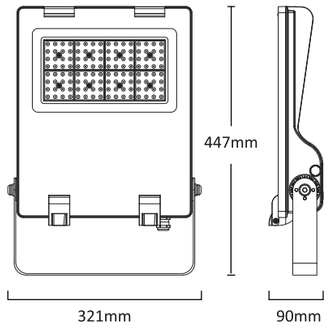
*Above values are calculated based on the product with CCT over 3000K, values of 3000K are 5% lower than above values.
*Luminous efficacy of asymmetrical is 5% lower than other light distributions.
*Values shown are subject to ±5% tolerance.

Dimensions in mm

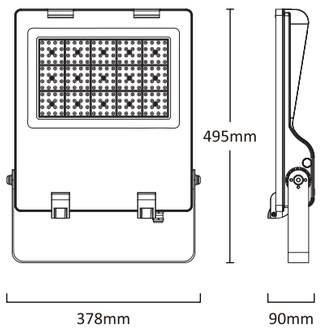
Version S



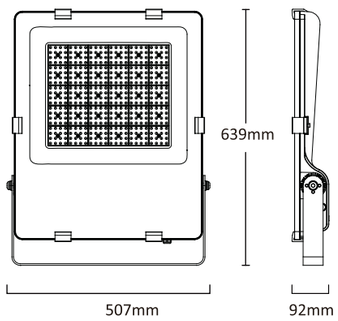
Version M



Version L



Version XL



ZY8107B LED Floodlight

IP 66





Application

This product is mainly suitable for large-scale lighting places such as outdoor stadiums, docks, and yards.

Characteristics

- Fully die-cast split structure, long life, high structural strength;
- Tempered glass lens, excellent light transmittance, and good weather resistance;
- The power compartment can be opened separately, which makes installation and maintenance more convenient;
- High power range, suitable for lighting in different places;
- Protection level IP66, suitable for various outdoor environments.

Main Specification

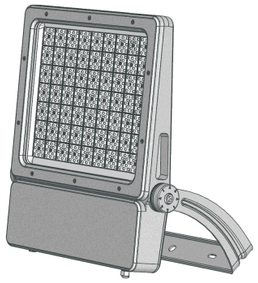
Item	Technical Parameter
Input voltage range	90~264VAC
Rated frequency	50Hz / 60Hz
Rated wattage	300W~1200W
Light source	LED
CRI	Ra 70(80 optional)
CCT	5000K(3000K/4000K optional)
Light source lifetime	100,000hrs
Beam angle	60°/90°/120°
Leading-in cable outer diameter	ϕ8mm~ϕ20mm

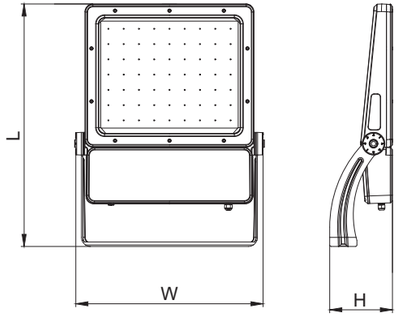
Ordering Reference

Model number	Rated Wattage	Light output(lm)	Space height rate	Mounting height(m)	Net weight (Kg)	Dimensions (mm)
ZY8107B-L300	300W	42000	1.25	10~15	10	470(L)×399(W)×134(H)
ZY8107B-L400	400W	56000		12~18	12	510(L)×449(W)×141(H)
ZY8107B-L600	600W	84000		15~25	15	635(L)×504(W)×176(H)
ZY8107B-L800	800W	112000		20~30	18	680(L)×554(W)×176(H)
ZY8107B-L1000	1000W	140000		30~50	25	802(L)×620(W)×208(H)
ZY8107B-L1200	1200W	168000		>50	30	852(L)×675(W)×208(H)

ZY8107B LED Floodlight

Installation and selection





ZY8610 Series LED Floodlight

IP 66

Ta 45

Ta -40



Characteristics

- The product's unique back transparent module cooling system improves the light efficiency of the light source and ensures the LED's life of 100,000 hours.
- Modular design, according to the brightness requirements of the lighting site, the number of corresponding modules can be flexibly selected.
- Modular design can solve the difficult maintenance problem of traditional LED lamps. Module replacement can be realized without opening the lamps.
- The light source adopts the world-famous brand, and the power consumption is only 40% of the metal halide lamp.
- The color temperature can be selected from 2700K to 6000K according to customer requirements. The normal factory color temperature is 5000K.
- Adopt international brands, power factor up to 0.98, multiple protections, stability, and life expectancy rank first in the industry.
- The angle locking device of the lamp can ensure that the lamp will never change the illumination angle under the vibration environment.
- The shell adopts high-tech surface spraying technology, wear-resistant, corrosion-resistant, waterproof and dustproof, suitable for various harsh environments.

Application

This product is widely used in airports, storage yards, squares, turntables, stadiums and other places;

Main Specification

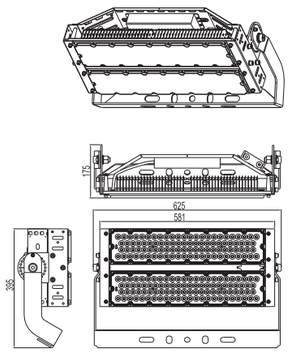
Item	Technical Parameters
Input voltage (V)	90~305VAC
Rated frequency	50Hz / 60Hz
Rated wattage	500W~1500W
Light source	LED
Life time of light source	100,000hrs
CRI	Ra 70 (80 customized)
CCT	5000K (3000K/ 4000K customized）

Ordering Reference

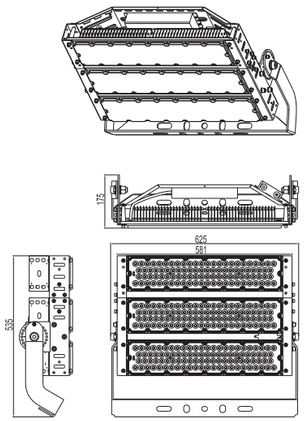
Model number	Rated wattage(W)	Light output (lm)	Net weight (Kgs)	Dimensions (mm)
ZY8610-L500	500W	>67,500	13.8	625×395×175
ZY8610-L750	750W	>101,250	17.2	625×535×175
ZY8610-L1000	1000W	>135,000	22	625×625×175
ZY8610-L1250	1250W	>168,750	26.7	625×815×175
ZY8610-L1500	1500W	>202,500	31.3	625×955×175

ZY8610 Series LED Floodlight

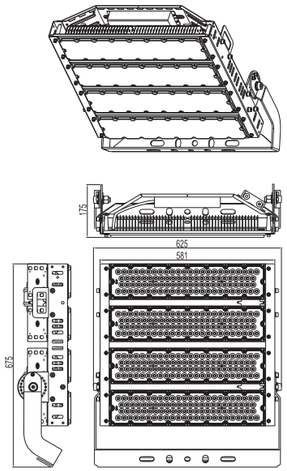
Installation and selection



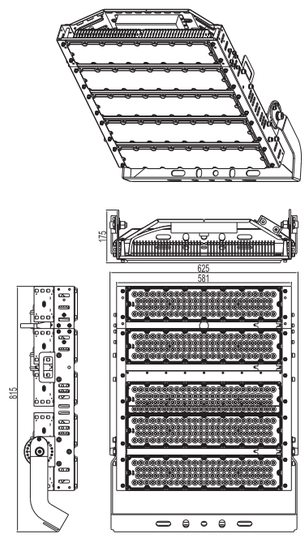
500W



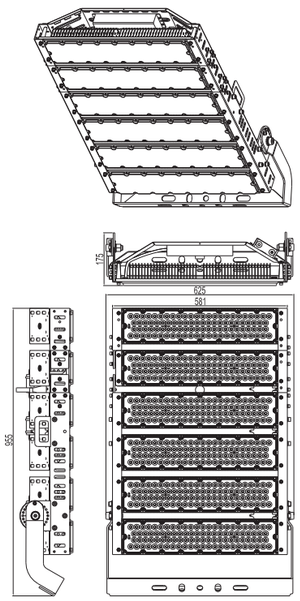
750W



1000W



1250W



1500W

ZY8800 Series LED Lights

IP 65
Ta 50
Ta -40



Application

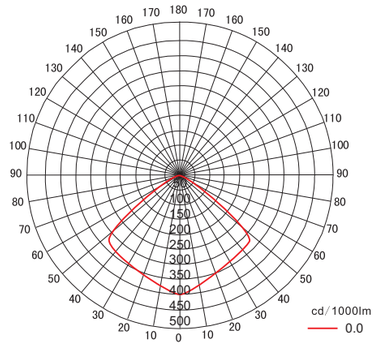
This product is widely used in narrow spaces such as on-site control rooms, operating rooms, mezzanines, foyers, trenches, stairwells, etc.;

It is suitable for places with high moisture and corrosion protection levels.

Characteristics

- It can save 60% or more on energy than the metal halide lamp.
- It adopts domestic brand power supply with AC and DC wide voltage constant power, power factor above 0.98.
- Using reflective cup design, non-glare, does not cause eye fatigue of workers, improve work efficiency.
- Housing made of aluminum alloy processing, using high-tech anti-corrosion surface treatment technology, suitable for a variety of harsh industrial operating environment
- Transparent parts adopt imported optical grade PC, high transmittance, good impact resistance, let lights work in a variety of harsh environments.

Light distribution Curve



Main Specification

Item	Technical Parameters
Input voltage (V)	90~264VAC
	18~43VAC/ 18~55VDC(6~12W) optional
Rated frequency	50Hz / 60Hz
Light source	LED
Life time (h)	100,000
CRI	Ra 75
CCT	5000K ±250K
Dimension (mm)	180×130×65
Net weight (kg)	1

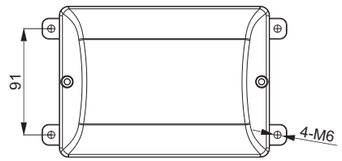


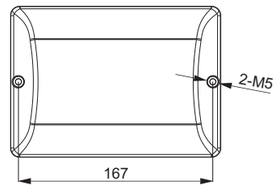
ZY8800 Series LED Lights

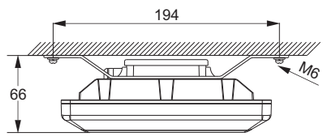
Ordering Reference

Model number	Input voltage (V)	Rated Wattage (W)	Light output (lm)	Space height ratio	Mounting height (m)	Equivalent to Fluorescent Lamp
ZY8800-L6	90~264VAC	6W	600	1.2	2~4m	12W
ZY8800-L12		12W	1200			22W
ZY8800-L20		20W	1700			45W
ZY8800-L6D	18~43VAC/ 18~55VDC	6W	600	1.2	2~4m	12W
ZY8800-L12D		12W	1200			22W

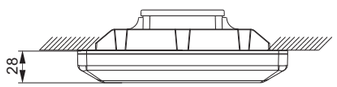
Drawing of dimension (Dimensions in mm)



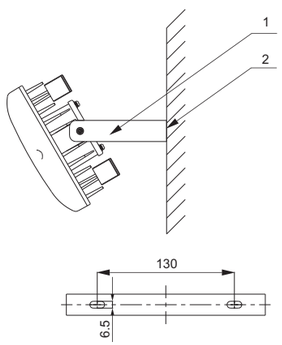




Ceiling mounting(Standard)



Embedded mounting



Wall mounting dimensions (optional)

Accessories Ordering Information (optional)

Order number	NO.	Specifications Model	Quantity
P18	1	Ceiling type Bracket	1
	2	Positioning plate	2

ZY8601iP LED Light (microwave induction)

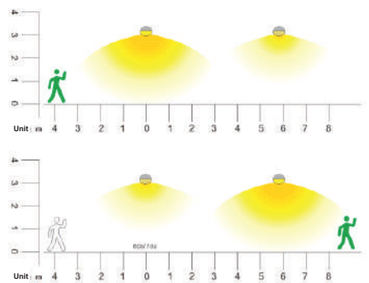


Executive standard: GB7000/GB17625/GB17743

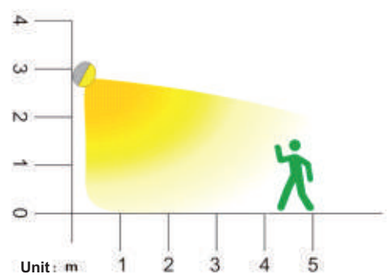


Induction diagram

Top mount sensing schematic



Side-mounted induction schematic



Application

- This product is widely used in various indoor main plants, water pump rooms, boiler rooms, corridors, coal conveying trestle, furnace body, coal bunker, and other places for fixed lighting;
- It is suitable for places with a relatively high level of protection against moisture and corrosion.

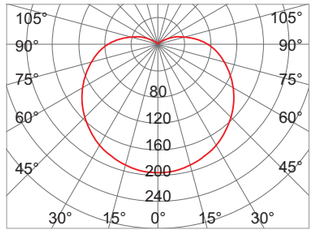
Characteristics

- The light distribution of the lamp is unique, the illuminance is uniform in the illumination range, and the illumination angle is up to 200 degrees, which fully utilizes the light; the light is soft, no glare, does not cause eye fatigue of the operators, and improves work efficiency.
- The unique fin-type heat dissipation structure effectively solves the problem of LED light attenuation caused by temperature rise, so that the life of the LED can reach 50,000 hours.
- American Lumileds light source, the average light efficiency of the whole light is as high as 105lm/W, which is more than 60% energy-saving compared with the metal halide lamp;
- It adopts wide voltage and constant current power supply, which can be used reliably in the environment of unstable voltage for a long time.
- The hinge opening design makes installation and maintenance safer and easier.
- The protection level of the lamp shell is up to IP66, which can effectively resist heavy rain;
- The shell is made of light alloy material, special sealing, and surface coating treatment, to ensure that the lamp will not corrode or rust in harsh environments such as high humidity and high temperature.

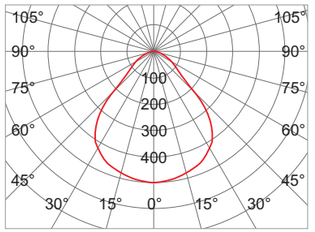
Intelligent performance characteristics

- The lamp lights up 100% when it is energized for the first time. When the set time has passed and no moving people or objects are detected, the lamp will be reduced to 10%/20%/30%/50% brightness, and the lamp will not go off, Always keep the waiting brightness status you set. Only when a moving person or object is detected next time, the light will light up 100%;
- When the microwave detects the movement of a person or an object, the light will light up 100%, and the light up time can be set to 5S/30S/60S/5min/10min/20min/30min. If there is no moving person or object within the scope of microwave detection, and the set time is exceeded, the lamp will enter the hold mode;
- When the installation height of the lamp is 3.5 meters, the detection range radius is 2.2 meters and the diameter is 4.5 meters; when the installation height is 2.2 meters, the detection range radius is 2.5 meters and the diameter is 5 meters;
- Compared with traditional HID light source lamps, intelligent LED lamps can achieve a maximum energy saving of 90%;
- Through the automatic detection function, the power consumption of the lamp is reduced, and the life of the lamp is greatly improved; while saving energy, it also reduces the maintenance workload.

Light distribution curve



Average beam Angle (50%) 200°



Average beam Angle (50%) 80°

Main Specification

Item	Technical Parameters
Input voltage range (V)	90~264VAC
Rated frequency	50Hz/60Hz
Rated wattage	30W~80W
Light source	LED
CRI	Ra 70 (80 optional)
CCT	5000K(3000K/4000K optional)
Life time (h)	100,000
Leading-in cable diameter	ϕ8mm ~ ϕ14mm
Dimension (mm)	ϕ230×167mm
Net weight (kg)	2.2Kg

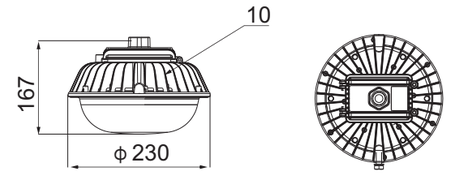
Ordering Reference

Model Number	Picture	Rated wattage (W)	Light output (lm)	Space height ratio	Mounting height (m)	Equivalent to MH
ZY8601iP-L30-200°		30W	4020	1.75	2~5m	70W
ZY8601iP-L40-200°		40W	5240			100W
ZY8601iP-L50-200°		50W	6470			100W
ZY8601iP-L60-200°		60W	7390		3~6m	150W
ZY8601iP-L80-200°		80W	9900			150W
ZY8601iP-L30-80°		30W	4020	1.25	2~6m	70W
ZY8601iP-L40-80°		40W	5240			100W
ZY8601iP-L50-80°		50W	6470			100W
ZY8601iP-L60-80°		60W	7390		5~8m	150W
ZY8601iP-L80-80°		80W	9900			150W

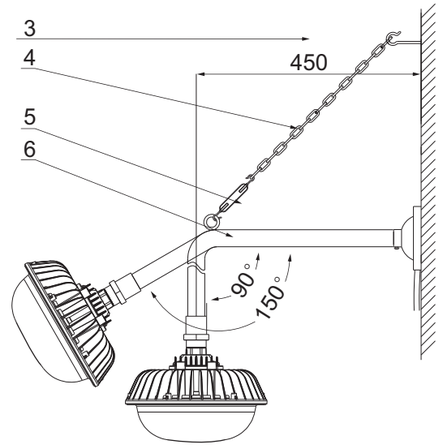
General example: the order number of the lamp is **ZY8601iP-L30-5000K-200°**,
ZY8601iP is the product model, 30W as power, 5000K as color temperature, 200° as beam angle.

ZY8601iP LED Light
(microwave induction)
TORMIN

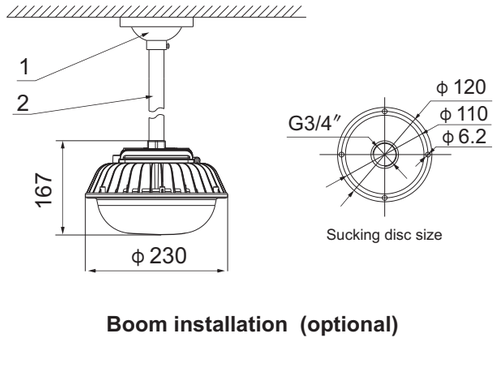
Drawing of dimension (Dimensions in mm)



Pole mounting (standard)



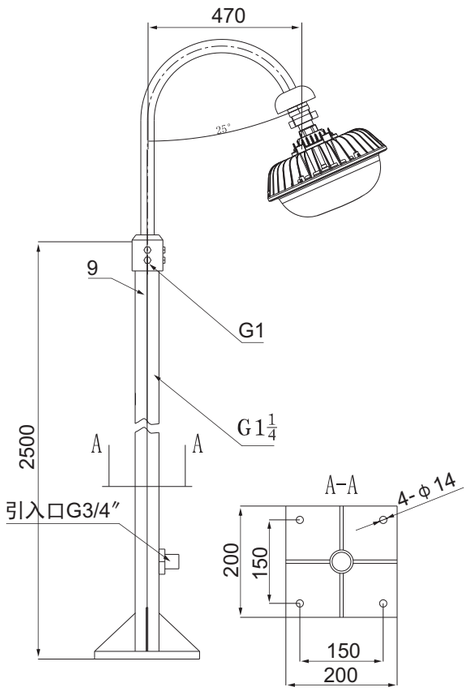
Wall mounting 90°/150° (optional)



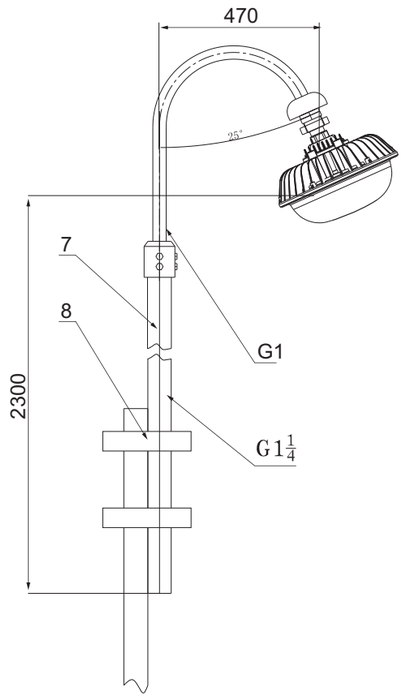
Sucking disc size

Boom installation (optional)

ZY8601iP LED Light (microwave induction)



Flange mounting (optional)



Guardrail mounting (optional)

No.	Model	Quantity	remarks	No.	Model	Quantity	remarks
1	Sucking disc	1		6	G3/4" bend pole	1	90° or 150°
2	G3/4" Pole	1	Length optional	7	Guardrail pole	1	
3	Screw hook	1		8	U bolt	2	
4	Chain	1		9	Flange pole	1	
5	C-C turn buckle	1		10	ZY8601P	1	G3/4" screw thread(Standard)

ZY8601iS LED Light (microwave induction)

IP66 Ta50 Ta-40

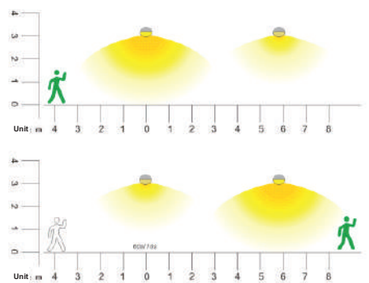


Executive standard: GB7000/GB17625/GB17743

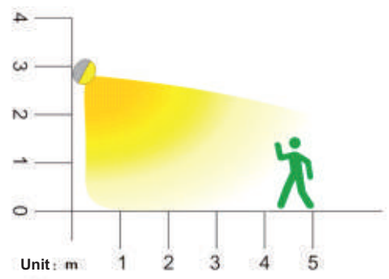


Induction diagram

Top mount sensing schematic



Side-mounted induction schematic



Application

- This product is widely used in various indoor main plants, water pump rooms, boiler rooms, corridors, coal conveying trestle, furnace body, coal bunker, and other places for fixed lighting;
- It is suitable for places with a relatively high level of protection against moisture and corrosion.

Characteristics

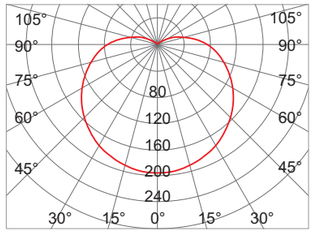
- The light distribution of the lamp is unique, the illuminance is uniform in the illumination range, and the illumination angle is up to 200 degrees, which fully utilizes the light; the light is soft, no glare, does not cause eye fatigue of the operators, and improves work efficiency.
- The unique fin-type heat dissipation structure effectively solves the problem of LED light attenuation caused by temperature rise, so that the life of the LED can reach 50,000 hours.
- American Lumileds light source, the average light efficiency of the whole light is as high as 105lm/W, which is more than 60% energy-saving compared with the metal halide lamp;
- It adopts wide voltage and constant current power supply, which can be used reliably in the environment of unstable voltage for a long time.
- The hinge opening design makes installation and maintenance safer and easier.
- The protection level of the lamp shell is up to IP66, which can effectively resist heavy rain;
- The shell is made of light alloy material, special sealing, and surface coating treatment, to ensure that the lamp will not corrode or rust in harsh environments such as high humidity and high temperature.

Intelligent performance characteristics

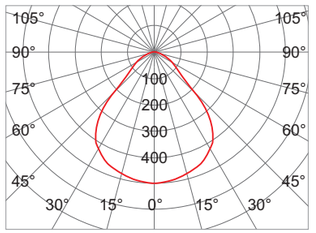
- The lamp lights up 100% when it is energized for the first time. When the set time has passed and no moving people or objects are detected, the lamp will be reduced to 10%/20%/30%/50% brightness, and the lamp will not go off, Always keep the waiting brightness status you set. Only when a moving person or object is detected next time, the light will light up 100%;
- When the microwave detects the movement of a person or an object, the light will light up 100%, and the light up time can be set to 5S/30S/60S/5min/10min/20min/30min. If there is no moving person or object within the scope of microwave detection, and the set time is exceeded, the lamp will enter the hold mode;
- When the installation height of the lamp is 3.5 meters, the detection range radius is 2.2 meters and the diameter is 4.5 meters; when the installation height is 2.2 meters, the detection range radius is 2.5 meters and the diameter is 5 meters;
- Compared with traditional HID light source lamps, intelligent LED lamps can achieve a maximum energy saving of 90%;
- Through the automatic detection function, the power consumption of the lamp is reduced, and the life of the lamp is greatly improved; while saving energy, it also reduces the maintenance workload.

ZY8601iS LED Light (microwave induction)

Light distribution curve



Average beam Angle (50%) 200°



Average beam Angle (50%) 80°

Main Specification

Item	Technical Parameters
Input voltage range (V)	90~264VAC
Rated frequency	50Hz/60Hz
Rated wattage	30W~80W
Light source	LED
CRI	Ra 70 (80 optional)
CCT	5000K(3000K/4000K optional)
Life time (h)	100,000
Leading-in cable diameter	270×250×167mm
Dimension (mm)	ϕ230×167mm
Net weight (kg)	2.2Kg

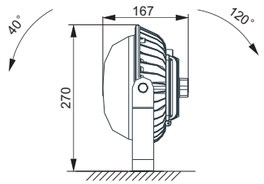
Ordering Reference

Model Number	Picture	Rated wattage (W)	Light output (lm)	Space height ratio	Mounting height (m)	Equivalent to MH
ZY8601iS-L30-200°		30W	4020	1.75	2~5m	70W
ZY8601iS-L40-200°		40W	5240			100W
ZY8601iS-L50-200°		50W	6470			100W
ZY8601iS-L60-200°		60W	7390		3~6m	150W
ZY8601iS-L80-200°		80W	9900			150W
ZY8601iS-L30-80°		30W	4020	1.25	2~6m	70W
ZY8601iS-L40-80°		40W	5240			100W
ZY8601iS-L50-80°		50W	6470			100W
ZY8601iS-L60-80°		60W	7390		5~8m	150W
ZY8601iS-L80-80°		80W	9900			150W

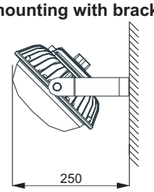
General example: the order number of the lamp is **ZY8601iS-L30-5000K-200°**,
ZY8601iS is the product model, 30W as power, 5000K as color temperature, 200° as beam angle.

Drawing of dimension (Dimensions in mm)

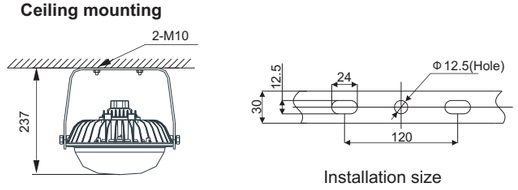
Seat mounting



Wall mounting with bracket



Ceiling mounting



Installation size

ZY8603P Series LED Lights(Pole)

ABS
CE
LM79
LM84
IP 66
Ta 55
Ta -50



Application

Idea to be used in the platform water control room, fire water pump room and etc.



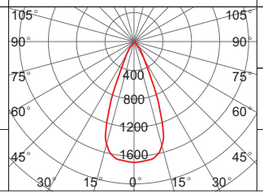
Characteristics

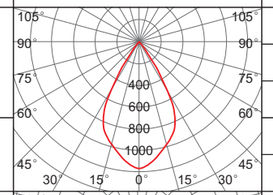
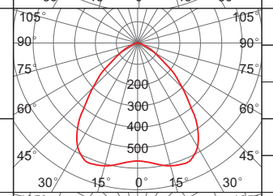
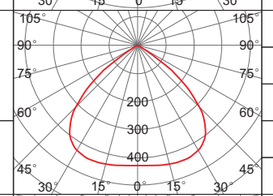
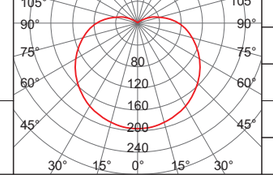
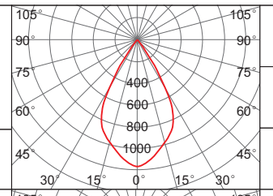
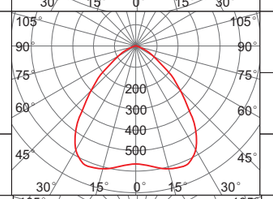
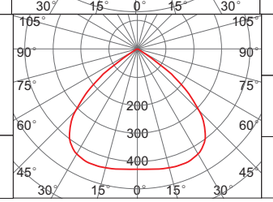
- Housing made of special aluminum processing, hardware and brackets adopt 304 stainless steel, using high-tech anti-corrosion surface treatment technology, can be long-term suitable for seaside, chlor-alkali, hydrogen sulfide and other highly corrosive areas.
- Superconducting aluminum comprehensive self-loop thermal design, long-term suitable for operating environment with high temperature and high humidity. Upper and lower ventilation fin structure, no dust.
- Variety of light distribution, variety of installation types, same shape, an effective solution to beautify workshop and device platform.
- The shell is made of high-tech surface treatment technology, corrosion resistant, waterproof and dustproof, suitable for harsh environments.
- It adopts imported light source, no dark zone in light spot, no ghosting, the entire lighting efficiency average up to 120lm / W, can save 60% or more on energy than the metal halide lamp.
- Taiwan Meanwell power supply or same quality power supply, power factor above 0.98, high reliability and long time service life.
- Independent side open increased safety wiring chamber, safe and easy installation and maintenance.
- It can quickly replace the light source without welding.
- Intelligent control functions (1 ~ 10VDC, PWM, carrier, DALI and other Dimming mode).

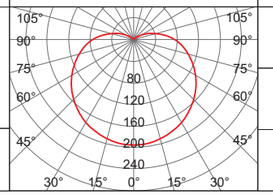
Main Specification

Item	Technical Parameters
Input voltage (V)	90~305VAC
	18~43VAC/ 18~55VDC (25~60W)
Rated frequency	50Hz / 60Hz
Light source	LED
Service life	50,000
CRI	Ra 70 (80 optional)
CCT	5000K(3000K/4000K optional)
Leading-in cable diameter	ϕ10~ϕ14mm
Terminal	Multi core: ≤2.5mm²
	Single core: ≤4mm²
Dimension (mm)	ϕ230×270
Net weight (kg)	4.2

Ordering Reference

Model number	Picture	Rated wattage (W)	Light output (lm)	Space height ratio	Mounting height (m)	Light distribution Curve(1000cd/lm)	Equivalent to MH
ZY8603P-L50-40°		50W	5400	0.7	5~8m		100W
ZY8603P-L60-40°		60W	6700				150W
ZY8603P-L80-40°		80W	8400		8~10m		175W

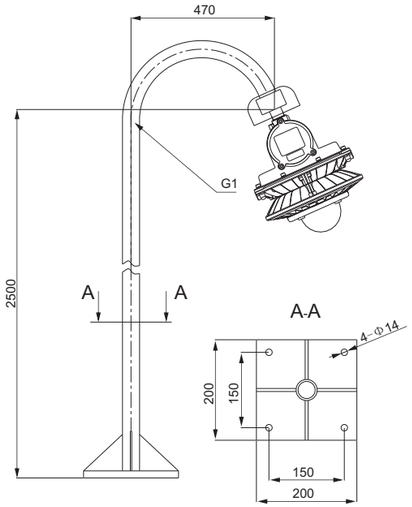
Model number	Picture	Rated wattage (W)	Light output (lm)	Space height ratio	Mounting height (m)	Light distribution Curve(1000cd/lm)	Equivalent to MH
ZY8603P-L30-60°		30W	3400	0.9	3~6m		70W
ZY8603P-L40-60°		40W	4400				100W
ZY8603P-L50-60°		50W	5400				＞100W
ZY8603P-L60-60°		60W	6700		6~8m		150W
ZY8603P-L80-60°		80W	8400				175W
ZY8603P-L30-80°		30W	3500	1.35	3~6m		70W
ZY8603P-L40-80°		40W	4500				100W
ZY8603P-L50-80°		50W	5600				＞100W
ZY8603P-L60-80°		60W	6900		4~8m		150W
ZY8603P-L80-80°		80W	8700				175W
ZY8603P-L30-100°		30W	3500	1.4	3~6m		70W
ZY8603P-L40-100°		40W	4600				100W
ZY8603P-L50-100°		50W	5600				＞100W
ZY8603P-L60-100°		60W	7000		4~8m		150W
ZY8603P-L80-100°		80W	8800				175W
ZY8603P-L30-200°		30W	2800	1.75	2~5m		70W
ZY8603P-L40-200°		40W	3700				100W
ZY8603P-L50-200°		50W	4500				＞100W
ZY8603P-L60-200°		60W	5400		3~6m		150W
ZY8603P-L80-200°		80W	6800				175W
Low voltage: 18~43VAC/ 18~55VDC							
ZY8603P-L25D-60°		25W	2800	0.9	3~6m		70W
ZY8603P-L40D-60°		40W	4400				100W
ZY8603P-L60D-60°		60W	6700		6~8m		150W
ZY8603P-L25D-80°		25W	2900	1.35	3~6m		70W
ZY8603P-L40D-80°		40W	4600				100W
ZY8603P-L60D-80°		60W	6900		4~8m		150W
ZY8603P-L25D-100°		25W	2900	1.4	3~6m		70W
ZY8603P-L40D-100°		40W	4600				100W
ZY8603P-L60D-100°		60W	7000		4~8m		150W

Model number	Picture	Rated wattage (W)	Light output (lm)	Space height ratio	Mounting height (m)	Light distribution Curve(1000cd/lm)	Equivalent to MH
ZY8603P-L25D-200°		25W	2400	1.75	2~5m		70W
ZY8603P-L40D-200°		40W	3700				100W
ZY8603P-L60D-200°		60W	5400		3~6m		150W

Note 1: the above model with light for the recommended distribution, but also according to the actual need to choose other light distribution.

Drawing of dimension (Dimensions in mm)

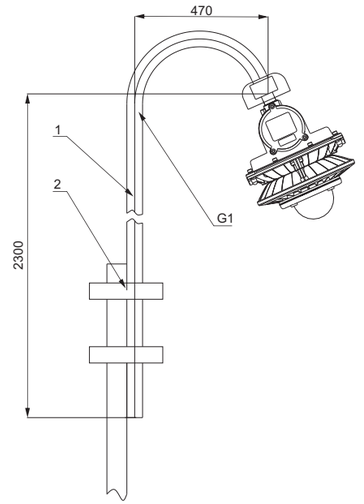
Flange mounting



Accessories Ordering Information (optional)

Order number	No.	Specifications Model	Quantity
P06	1	Guardrail pole	1

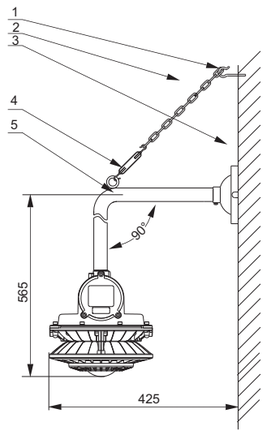
Guardrail mounting



Accessories Ordering Information (optional)

Order number	No.	Specifications Model	Quantity
P05	1	Guardrail pole	1
	2	U-bolts	2

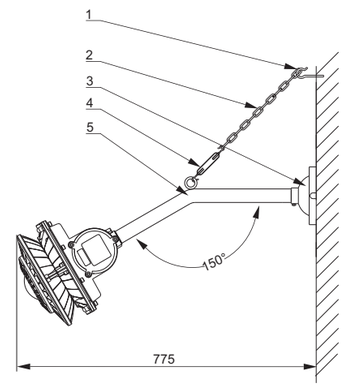
Wall mounting 90°



Accessories Ordering Information (optional)

Order number	No.	Specifications Model	Quantity
P16	1	Expansion screw hook	1
	2	Chain	1
	3	Suction cup	1
	4	C-C the turnbuckle	1
	5	90°bend pole(G3/4")	1

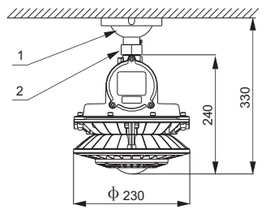
Wall mounting 150°



Accessories Ordering Information (optional)

Order number	No.	Specifications Model	Quantity
P15	1	Expansion screw hook	1
	2	Chain	1
	3	Suction cup	1
	4	C-C the turnbuckle	1
	5	150°bend pole (G3/4")	1

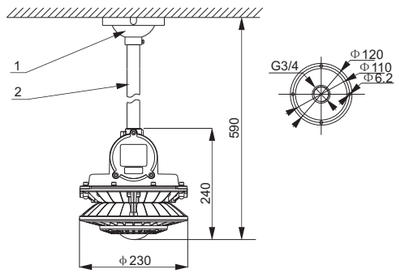
Ceiling mounting



Accessories Ordering Information (optional)

Order number.	NO.	Specifications Model	Quantity
P17	1	Suction cup	1
	2	Adapt G3/4"(M-M)	1

Pole mounting



Accessories Ordering Information (optional)

Order number	No.	Specifications Model	Quantity
P14	1	Suction cup	1
	2	30cm straight pole(G3/4")	1

LM79
LM84
IP 66
Ta 55
Ta -50



Characteristics

- Housing made of special aluminum processing, hardware and brackets adopt 304 stainless steel, using high-tech anti-corrosion surface treatment technology, can be long-term suitable for seaside, chlor-alkali, hydrogen sulfide and other highly corrosive areas.
- Superconducting aluminum comprehensive self-loop thermal design, long-term suitable for operating environment with high temperature and high humidity. Upper and lower ventilation fin structure, no dust.
- Variety of light distribution, variety of installation types, same shape, an effective solution to beautify workshop and device platform.
- The shell is made of high-tech surface treatment technology, corrosion resistant, waterproof and dustproof, suitable for harsh environments.
- It adopts Imported light source, no dark zone in light spot, no ghosting, the entire lighting efficiency average up to 120lm / W, can save 60% or more on energy than the metal halide lamp.
- Taiwan Meanwell power supply or same quality power supply, power factor above 0.98, high reliability and long time service life.
- Independent side open increased safety wiring chamber, safe and easy installation and maintenance.
- It can quickly replace the light source without welding.
- Intelligent control functions (1 ~ 10VDC, PWM, carrier, DALI and other Dimming mode).

Application

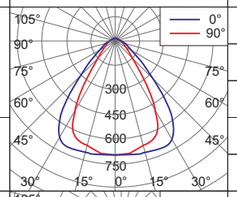
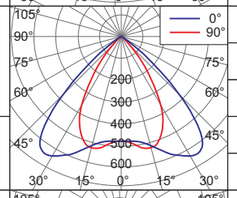
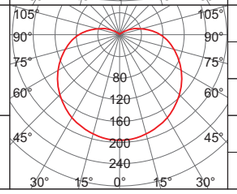
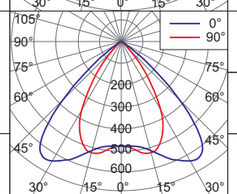
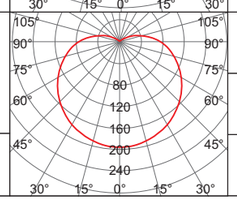
Idea to be used in the platform water control room, fire water pump room and etc.



Main Specification

Item	Technical Parameters
Input voltage (V)	90~305VAC
	18~43VAC/ 18~55VDC(25~60W)
Rated frequency	50Hz / 60Hz
Light source	LED
CRI	Ra 70 (80 optional)
Life time (h)	50,000
CCT	5000K(3000K/4000K optional)
Leading-in cable diameter	Φ6mm~Φ12mm
Terminal	Multi core: ≤2.5mm^2
	Single core: ≤4mm^2
Dimension (mm)	245×260×270
Net weight (kg)	4.9

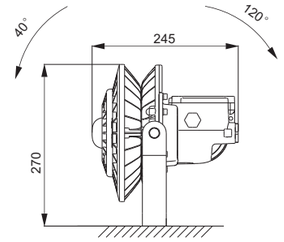
Ordering Reference

Model number	Picture	Rated wattage (W)	Light output (lm)	Space height ratio	Mounting height (m)	Light distribution Curve(1000cd/lm)	Equivalent to MH
ZY8603S-L30-60°×80°		30W	3500	1.25	3~6m		70W
ZY8603S-L40-60°×80°		40W	4700				100W
ZY8603S-L50-60°×80°		50W	5600		5~8m		100W
ZY8603S-L60-60°×80°		60W	6900				150W
ZY8603S-L80-60°×80°		80W	8800				175W
ZY8603S-L30-90°×110°		30W	3400	1.75	3~6m		70W
ZY8603S-L40-90°×110°		40W	4400				100W
ZY8603S-L50-90°×110°		50W	5600		5~8m		100W
ZY8603S-L60-90°×110°		60W	6700				150W
ZY8603S-L80-90°×110°		80W	8400				175W
ZY8603S-L30-200°		30W	2800	1.75	2~5m		70W
ZY8603S-L40-200°		40W	3700				100W
ZY8603S-L50-200°		50W	4500				100W
ZY8603S-L60-200°		60W	5400		3~6m		150W
ZY8603S-L80-200°		80W	6800				175W
Low voltage: 18~43VAC/ 18~55VDC							
ZY8603S-L25D-60°×80°		25W	2900	1.25	3~6m		70W
ZY8603S-L40D-60°×80°		40W	4600				100W
ZY8603S-L60D-60°×80°		60W	6900		5~8m		150W
ZY8603S-L25D-90°×110°		25W	2700	1.75	3~6m		70W
ZY8603S-L40D-90°×110°		40W	4400				100W
ZY8603S-L60D-90°×110°		60W	6700		5~8m		150W
ZY8603S-L25D-200°		25W	2400	1.75	2~5m		70W
ZY8603S-L40D-200°		40W	3700				100W
ZY8603S-L60D-200°		60W	5400		3~6m		150W

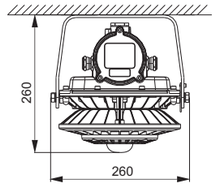
Note 1: the above model with light for the recommended distribution, but also according to the actual need to choose other light distribution.

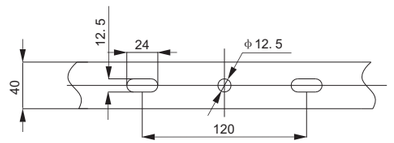
Drawing of dimension (Dimensions in mm)

Seat mounting

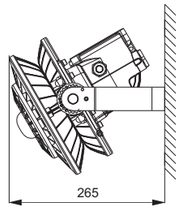


Ceiling mounting

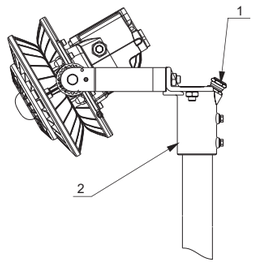


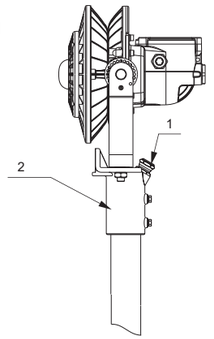


Side wall mounting



Pole Mounting





Accessories Ordering Information (optional)

Order number	No.	Specifications Model	Quantity	Remark
P07	1	Waterproof Connector M20	1	Suitable for Φ8mm-Φ12mm Cable
	2	Pole mounting bracket	1	Suitable for DN32, DN40 pole

ZY8603S Series
LED Lights(Bracket cast light)

LM79
LM84
IP 66
Ta 55
Ta -50

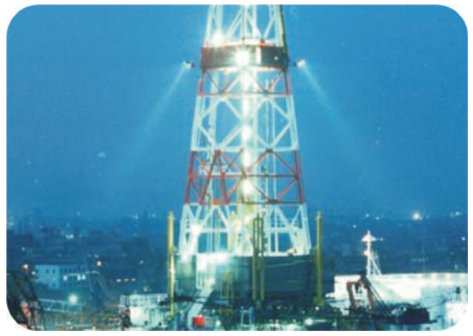


Characteristics

- Housing made of special aluminum processing, hardware and brackets adopt 304 stainless steel, using high-tech anti-corrosion surface treatment technology, can be long-term suitable for seaside, chlor-alkali, hydrogen sulfide and other highly corrosive areas.
- Superconducting aluminum comprehensive self-loop thermal design, long-term suitable for operating environment with high temperature and high humidity. Upper and lower ventilation fin structure, no dust.
- Variety of light distribution, variety of installation types, same shape, an effective solution to beautify workshop and device platform.
- The shell is made of high-tech surface treatment technology, corrosion resistant, waterproof and dustproof, suitable for harsh environments.
- It adopts Imported light source, no dark zone in light spot, no ghosting, the entire lighting efficiency average up to 120lm / W, can save 60% or more on energy than the metal halide lamp.
- Taiwan Meanwell power supply or same quality power supply, power factor above 0.98, high reliability and long time service life.
- Independent side open increased safety wiring chamber, safe and easy installation and maintenance.
- It can quickly replace the light source without welding.
- Intelligent control functions (1 ~ 10VDC, PWM, carrier, DALI and other Dimming mode).

Application

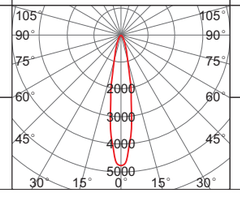
Idea to be used in the platform water control room, fire water pump room and etc.



Main Specification

Item	Technical Parameters
Input voltage (V)	90~305VAC
	18~43VAC/ 18~55VDC
Rated frequency	50Hz / 60Hz
Light source	LED
CRI	Ra 70 (80 optional)
Life time (h)	50,000
CCT	5000K(3000K/4000K optional)
Leading-in cable diameter	Φ6mm~ Φ12mm
Terminal	Multi core：≤2.5mm²
	Single core：≤4mm²
Dimension (mm)	291×260×270
Net weight (kg)	5.4

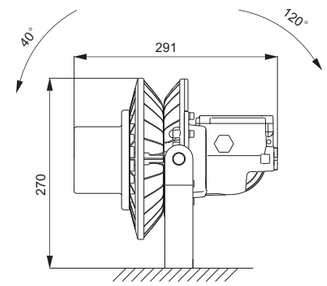
Ordering Reference

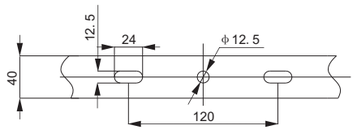
Model number	Picture	Rated wattage (W)	Light output (lm)	Light distribution Curve(1000cd/lm)	Equivalent to MH
ZY8603S-L60-18°		60W	5900		150W
ZY8603S-L80-18°		80W	7500		175W

ZY8603S Series
LED Lights(Bracket cast light)
TORMIN

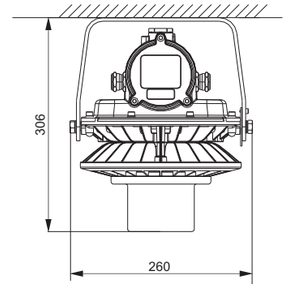
Drawing of dimension (Dimensions in mm)

Seat mounting

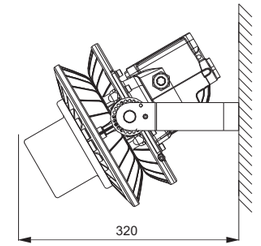




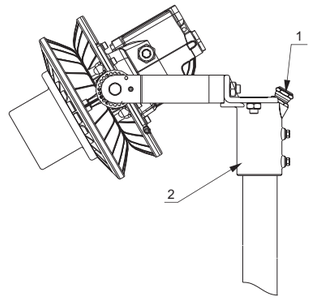
Ceiling mounting

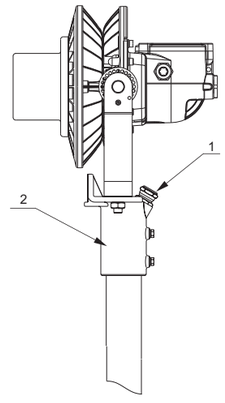


Side wall mounting



Pole Mounting





Accessories Ordering Information (optional)

Order number	No.	Specifications Model	Quantity	Remark
P07	1	Waterproof ConnectorM20	1	Suitable for Φ8mm-Φ12mm Cable
	2	Pole mounting bracket	1	Suitable for DN32, DN40 pole

ABS CE

LM79
LM84

IP 66

Ta 55

Ta -50



Application

Suitable for low installation height region in high temperature, high humidity and vibration environment, like offshore platforms, ship transport corridors, passages, etc.



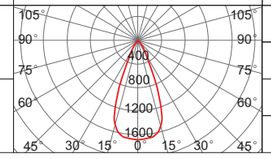
Characteristics

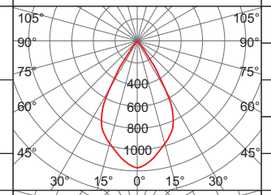
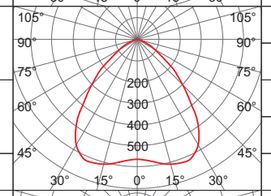
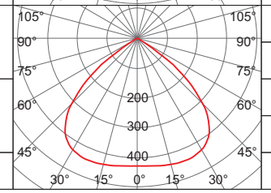
- It is made using a special aluminum housing, suitable for long-term highly corrosive environment of offshore platforms, chlor-alkali, vulcanization cyanide.
- A full range of high conductivity material accelerate convection cooling structure, effective guarantee long-term use in high temperature environments.
- Variety of light distribution, variety of installation types, an effective solution to beautify workshop and device platform.
- The shell is made of high-tech surface coating technology, corrosion resistant, waterproof and dust proof, suitable for harsh environments.
- Imported light source, high luminous efficiency, low-light failure Taiwan Meanwell power supply or same quality power supply, power factor above 0.98, high reliability and long time service life.
- Independent wiring chamber, safe and easy installation and maintenance.
- It is available to intelligent control functions(1-10VDC, PWM, Carrier DALI etc dimming)
- All exposed fasteners adopt 304 stainless steel(ocean platform 316 stainless steel optional). Effectively ensure light strength and corrosion resistance.

Main Specification

Item	Technical Parameters
Input voltage (V)	90~305VAC
Input frequency	50Hz / 60Hz
Light source	LED
CRI	70(80 optional)
Life time (h)	50,000
CCT	5000K(3000K/4000K optional)
Leading-in cable diameter	ϕ10mm~ ϕ14mm
Terminal	Multi core≤ 4mm²
	Single core≤ 6mm²
Dimension (mm)	ϕ300×290
Net weight (kg)	6.4

Ordering Reference

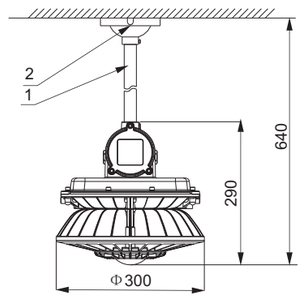
Order reference	Picture	Rated wattage (W)	Light output (lm)	Space height ratio	Mounting height (m)	Lighting distribution (1000cd/lm)	Equivalent to MH
ZY8605P-L100-40°		100W	11300	0.7	8~12m		250W
ZY8605P-L120-40°		120W	13000				＞250W
ZY8605P-L150-40°		150W	16500		10~20m		400W
ZY8605P-L180-40°		180W	17400				＞400W

Order reference	Picture	Rated wattage (W)	Light output (lm)	Space height ratio	Mounting height (m)	Lighting distribution (1000cd/lm)	Equivalent to MH
ZY8605P-L100-60°		100W	11200	0.9	8~12m		250W
ZY8605P-L120-60°		120W	12900				＞250W
ZY8605P-L150-60°		150W	16500		10~20m		400W
ZY8605P-L200-60°		200W	23100				＞400W
ZY8605P-L240-60°		240W	26700		20~30m		600W~800W
ZY8605P-L100-80°		100W	11500	1. 35	8~12m		250W
ZY8605P-L120-80°		120W	13200				＞250W
ZY8605P-L150-80°		150W	16800		10~15m		400W
ZY8605P-L200-80°		200W	23700				＞400W
ZY8605P-L240-80°		240W	27200		15~25m		600W~800W
ZY8605P-L100-100°		100W	11600	1. 4	8~12m		250W
ZY8605P-L120-100°		120W	13400				＞250W
ZY8605P-L150-100°		150W	17000		10~15m		400W
ZY8605P-L200-100°		200W	23900				＞400W
ZY8605P-L240-100°		240W	27400		15~20m		600W~800W

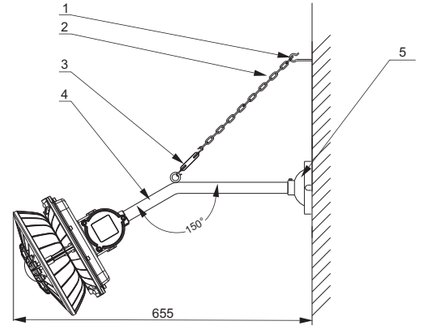
Note 1: the above model with light for the recommended distribution, but also according to the actual need to choose other light distribution.

Drawing of dimension (Dimensions in mm)

Pole mounting



Wall mounting 150deg



Accessories order information(Pole mounting)

Order number	No.	Specification	Quantity
P14	1	G3/4" pole 30cm	1
	2	Sucker	1

Accessories order information(Wall mounting 150deg)

Order number	No.	Specification	Quantity
P15	1	Expansion screw hook	1
	2	Chain	1
	3	C-C turn buckle	1
	4	G3/4" bend pipe 150Degree	1
	5	Sucker	1



Application

Suitable for low installation height region in high temperature, high humidity and vibration environment, like offshore platforms, ship transport corridors, passages, etc.



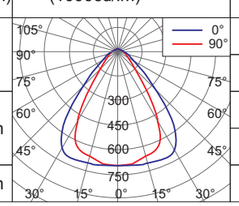
Characteristics

- It is made using a special aluminum housing, anti-corrosion performance better than 304 stainless steel, suitable for long-term highly corrosive environment of offshore platforms, chlor-alkali, vulcanization cyanide.
- A full range of high conductivity material accelerate convection cooling structure, effective guarantee long-term use in high temperature environments.
- Variety of light distribution, variety of installation types, an effective solution to beautify workshop and device platform.
- The shell is made of high-tech surface coating technology, corrosion resistant, waterproof and dust proof, suitable for harsh environments.
- Imported light source, high luminous efficiency 120lm/w, low-light failure Taiwan Meanwell power supply or same quality power supply, power factor above 0.98, high reliability and long time service life.
- Independent wiring chamber, safe and easy installation and maintenance.
- It is available to intelligent control functions(1-10VDC, PWM, Carrier DALI etc dimming)
- All exposed fasteners adopt 304 stainless steel(ocean platform 316 stainless steel optional). Effectively ensure light strength and corrosion resistance.

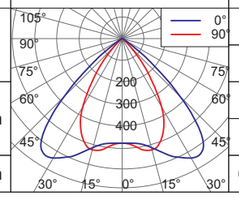
Main Specification

Item	Technical Parameters
Input voltage (V)	90~305VAC
Rated frequency	50Hz / 60Hz
Light source	LED
CRI	70(80 optional)
Life time (h)	50,000
CCT	5000K(3000K/4000K optional)
Leading-in cable diameter	Φ6mm~ Φ12mm
Terminal	Multi core: ≤ 4mm²
	Single core: ⩽ 6mm²
Dimension (mm)	295×330×350
Net weight (kg)	7.5

Ordering Reference

Order reference	Picture	Rated wattage (W)	Light output (lm)	Space height ratio	Mounting height (m)	Lighting distribution (1000cd/lm)	Equivalent to MH
ZY8605S□-L100-60°×80°		100W	11800	1.25	8~12m		250W
ZY8605S□-L120-60°×80°		120W	13600				＞250W
ZY8605S□-L150-60°×80°		150W	17300		10~15m		400W
ZY8605S□-L200-60°×80°		200W	23300				＞400W
ZY8605S□-L240-60°×80°		240W	26700		15~20m		600W~800W

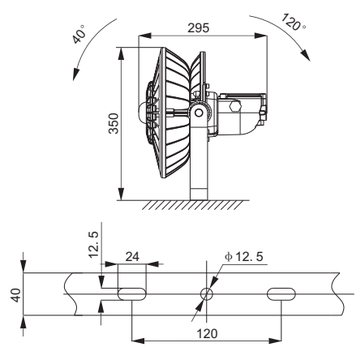
Ordering Reference

Order reference	Picture	Rated wattage (W)	Light output (lm)	Space height ratio	Mounting height (m)	Lighting distribution (1000cd/lm)	Equivalent to MH
ZY8605S□-L100-90°×110°		100W	11000	1.75	8~12m		250W
ZY8605S□-L120-90°×110°		120W	12600				＞250W
ZY8605S□-L150-90°×110°		150W	16000		10~15m		400W
ZY8605S□-L200-90°×110°		200W	22000				＞400W
ZY8605S□-L240-90°×110°		240W	25300		15~20m		600W~800W

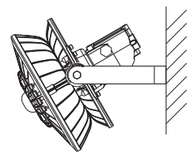
Note 1: the above model with light for the recommended distribution, but also according to the actual need to choose other light distribution.
Note 2: order number " " according to the actual installation needs fill in 1 or 2, S1 straight stent, S2 angle bracket.

Drawing of dimension (Dimensions in mm)

Seat mounting

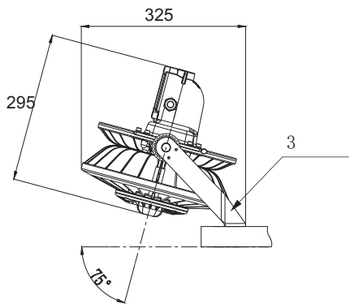


Side wall mounting



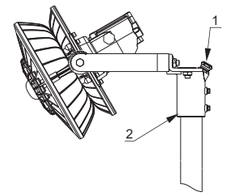
ZY8605S1

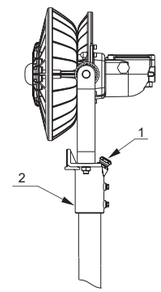
Seat mounting



ZY8605S2

Pole mounting





Order number	No.	Specification	Quantity	note
P07	1	Water proof connector M20	1	Suitable for Φ8mm-Φ12mm cable
	2	Pole mounting bracket	1	Suitable for DN32，DN40 pole

ZY8605S Series
LED Lights(Bracket cast light)

ABS CE LM79 LM84 IP66 Ta55 Ta-50



Application

Suitable as long distance cast lighting for offshore platform equipment, cargo terminal, stockyard and other high, medium installation height wet corrosive environments.



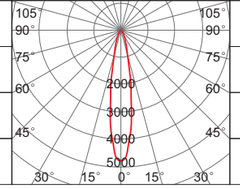
Characteristics

- It is made using a special aluminum housing, suitable for long-term highly corrosive environment of offshore platforms, chlor-alkali, vulcanization cyanide.
- A full range of high conductivity material accelerate convection cooling structure, effective guarantee long-term use in high temperature environments.
- Variety of light distribution, variety of installation types, an effective solution to beautify workshop and device platform.
- The shell is made of high-tech surface coating technology, corrosion resistant, waterproof and dust proof, suitable for harsh environments.
- Imported light source, high luminous efficiency 120lm/w, low-light failure Taiwan Meanwell power supply or same quality power supply, power factor above 0.98, high reliability and long time service life.
- Independent wiring chamber, safe and easy installation and maintenance.
- It is available to intelligent control functions(1-10VDC, PWM, Carrier DALI etc dimming)
- All exposed fasteners adopt 304 stainless steel(ocean platform 316 stainless steel optional). Effectively ensure light strength and corrosion resistance.

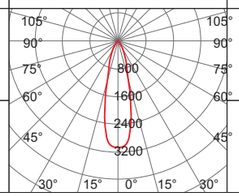
Main Specification

Item	Technical Parameters
Input voltage (V)	90~305VAC
Rated frequency	50Hz / 60Hz
Light source	LED
CRI	70 (80 optional)
Life time (h)	50,000
CCT	5000K(3000K/4000K optional)
Leading-in cable diameter	Φ6mm~ Φ12mm
Terminal	Multi core: ≤ 4mm²
	Single core: ⩽ 6mm²
Dimension (mm)	341×330×350
Net weight (kg)	8

Ordering Reference

Order reference	Picture	Rated wattage (W)	Light output (lm)	Lighting distribution (1000cd/lm)	Equivalent to MH
ZY8605S□-L100-18°		100W	10000		250W
ZY8605S□-L120-18°		120W	11500		＞250W
ZY8605S□-L150-18°		150W	14600		400W
ZY8605S□-L180-18°		180W	15500		＞400W

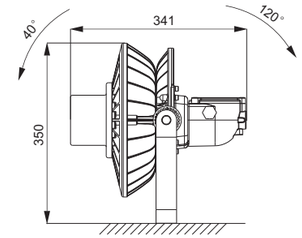
Ordering Reference

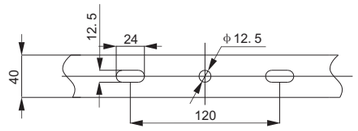
Order reference	Picture	Rated wattage (W)	Light output (lm)	Lighting distribution (1000cd/lm)	Equivalent to MH
ZY8605S□-L200-25°		200W	20300		＞400W
ZY8605S□-L240-25°		240W	23500		400W~600W

Note 2: order number " " according to the actual installation needs fill in 1 or 2, S1 straight stent, S2 angle bracket.

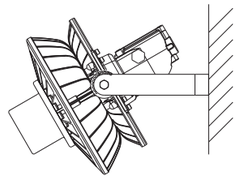
Drawing of dimension (Dimensions in mm)

Seat mounting



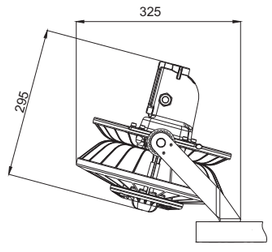


Side wall mounting



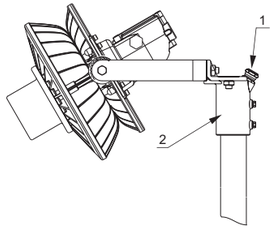
ZY8605S1

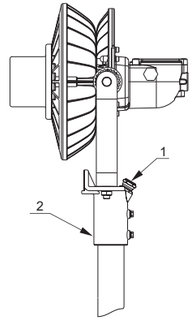
Seat mounting



ZY8605S2

Pole mounting





Order number	No.	Specification	Quantity	note
P07	1	Water proof connector M20	1	Suitable for Φ8mm-Φ12mm cable
	2	Pole mounting bracket	1	Suitable for DN32 , DN40 pole



Characteristics

- Housing made of special aluminum processing, hardware and brackets adopt 304 stainless steel, using high-tech anti-corrosion surface treatment technology, can be long-term suitable for seaside, chlor-alkali, hydrogen sulfide and other highly corrosive areas.
- Superconducting aluminum comprehensive self-loop thermal design, long-term suitable for operating environment with high temperature and high humidity. Upper and lower ventilation fin structure, no dust.
- Variety of light distribution, variety of installation types, same shape, an effective solution to beautify workshop and device platform.
- It adopts Imported light source, no dark zone in light spot, no ghosting, the entire lighting efficiency average up to 120lm / W, can save 60% or more on energy than the metal halide lamp.
- AC and DC wide voltage constant power supply, can long-term use in voltage instability places
- It can quickly replace the light source without welding.
- Trunnion openings connecting device, can achieve single installation and maintenance work.

Application

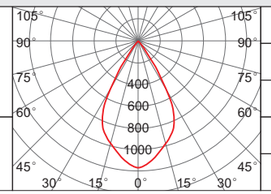
Suitable for offshore device platform, wharf transport corridors and other low installation height moist corrosive environment.

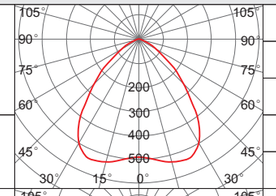
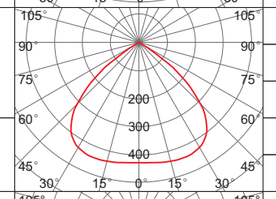
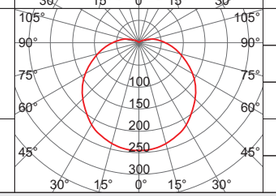
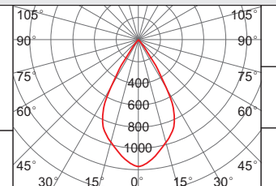
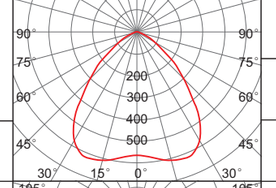
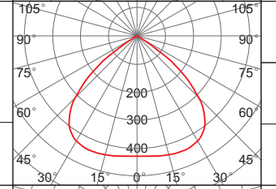
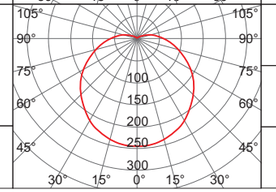


Main Specification

Item	Technical Parameters
Input voltage (V)	90~264VAC(30~60W) or 185~264VAC(80W)
	18~43VAC/ 18~55VDC(25~60W)
Rated frequency	50Hz / 60Hz
Light Source	LED
Life time (h)	50,000
CRI	Ra 70 (80 optional)
CCT	5000K(3000K/4000K optional)
Leading-in cable diameter	Φ8mm~ Φ14mm
Dimension (mm)	Φ230×170
Net weight (kg)	3

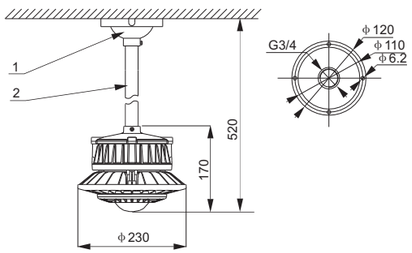
Ordering Reference

Model number	Picture	Rated wattage (W)	Light output (lm)	Space height ratio	Mounting height (m)	Light distribution Curve(1000cd/lm)	Equivalent to MH
Input voltage: 90~264VAC							
ZY8607P-L30-60°		30W	3400	0.9	4~6m		70W
ZY8607P-L40-60°		40W	4400				100W
ZY8607P-L50-60°		50W	5400				100W
ZY8607P-L60-60°		60W	6700		6~8m		150W
ZY8607P-L80-60°		80W	8400				175W

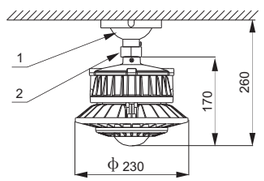
Model number	Picture	Rated wattage (W)	Light output (lm)	Space height ratio	Mounting height (m)	Light distribution Curve(1000cd/lm)	Equivalent to MH
Input voltage: 90~264VAC(30~60W) or 185~264VAC(80W)							
ZY8607P-L30-80°		30W	3500	1.35	3~6m		70W
ZY8607P-L40-80°		40W	4500				100W
ZY8607P-L50-80°		50W	5600				100W
ZY8607P-L60-80°		60W	6900		4~8m		150W
ZY8607P-L80-80°		80W	8700				175W
ZY8607P-L30-100°		30W	3500	1.4	3~6m		70W
ZY8607P-L40-100°		40W	4600				100W
ZY8607P-L50-100°		50W	5600				100W
ZY8607P-L60-100°		60W	7000		4~8m		150W
ZY8607P-L80-100°		80W	8800				175W
ZY8607P-L30-200°		30W	2800	1.75	2~5m		70W
ZY8607P-L40-200°		40W	3700				100W
ZY8607P-L50-200°		50W	4500				100W
ZY8607P-L60-200°		60W	5400		3~6m		150W
ZY8607P-L80-200°		80W	6800				175W
Input voltage: 18~43VAC/ 18~55VDC							
ZY8607P-L25D-60°		25W	2800	0.9	4~6m		70W
ZY8607P-L40D-60°		40W	4400				100W
ZY8607P-L60D-60°		60W	6700		6~8m		150W
ZY8607P-L25D-80°		25W	2900	1.35	3~6m		70W
ZY8607P-L40D-80°		40W	4600				100W
ZY8607P-L60D-80°		60W	6900		4~8m		150W
ZY8607P-L25D-100°		25W	2900	1.4	3~6m		70W
ZY8607P-L40D-100°		40W	4600				100W
ZY8607P-L60D-100°		60W	7000		4~8m		150W
ZY8607P-L25D-200°		25W	2400	1.75	2~5m		70W
ZY8607P-L40D-200°		40W	3700				100W
ZY8607P-L60D-200°		60W	5400		3~6m		150W

Drawing of dimension (Dimensions in mm)

Pole mounting



Ceiling mounting



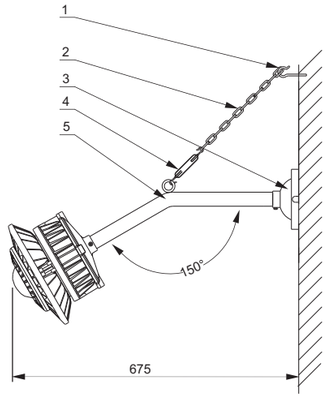
Accessories order information(Pole mounting)

Order number	No.	Specification	Quantity
P14	1	Sucker	1
	2	G3/4" pole 30cm	1

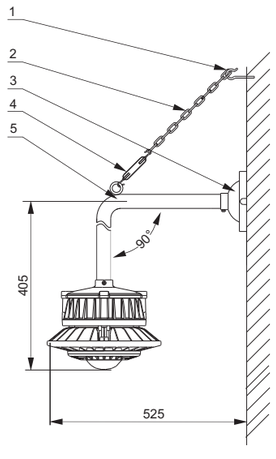
Accessories order information(Ceiling mounting)

Order number	No.	Specification	Quantity
P17	1	Sucker	1
	2	Adapter G3/4 "（M-M）	1

Wall mounting 150°



Wall mounting 90°



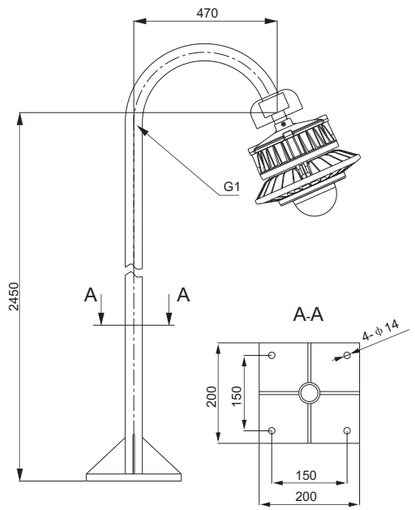
Accessories order information(Wall mounting 150deg)

Order number	No.	Specification	Quantity
P15	1	Expansion screw hook	1
	2	Chain	1
	3	Sucker	1
	4	C-C turn buckle	1
	5	G3/4" bend pipe 150Degree	1

Accessories order information(Wall mounting 90deg)

Order number	No.	Specification	Quantity
P16	1	Expansion screw hook	1
	2	Chain	1
	3	Sucker	1
	4	C-C turn buckle	1
	5	G3/4" bend pipe 90Degree	1

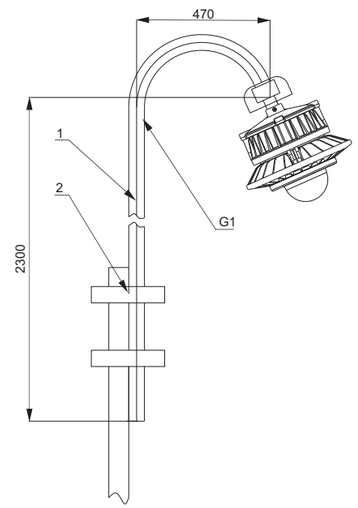
Flange mounting



Accessories order information(Flange mounting)

Order number	No.	Specification	Quantity
P06	1	Flanged pole	1

Guardrail mounting



Accessories order information(Guardrail mounting)

Order number	No.	Specification	Quantity
P05	1	Guardrail pole	1
	2	U-bolts	1



Characteristics

- Housing made of special aluminum processing, hardware and brackets adopt 304 stainless steel, using high-tech anti-corrosion surface treatment technology, can be long-term suitable for seaside, chlor-alkali, hydrogen sulfide and other highly corrosive areas.
- Superconducting aluminum comprehensive self-loop thermal design, long-term suitable for operating environment with high temperature and high humidity. Upper and lower ventilation fin structure, no dust.
- Variety of light distribution, variety of installation types, same shape, an effective solution to beautify workshop and device platform.
- It adopts Imported light source, no dark zone in light spot, no ghosting, the entire lighting efficiency average up to 120lm / W, can save 60% or more on energy than the metal halide lamp.
- AC and DC wide voltage constant power supply, can long-term use in voltage instability places.
- It can quickly replace the light source without welding.
- Trunnion openings connecting device, can achieve single installation and maintenance work.
- Frontal area is only 30% of the traditional light fixture, suitable for high altitude and strong wind area.

Application

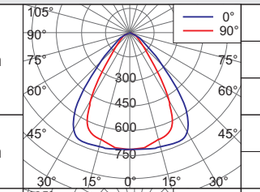
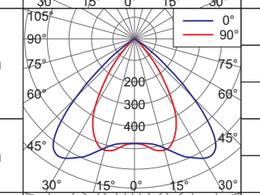
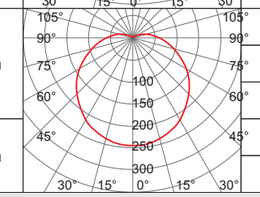
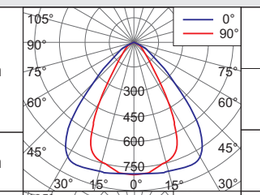
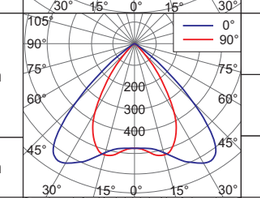
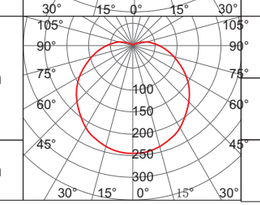
Suitable to port transport corridors, oxidation plant and other wet corrosive environments.



Main Specification

Item	Technical Parameters
Input voltage (V)	90~264VAC(30~60W) or 185~264VAC(80W)
	18~43VAC/ 18~55VDC(25~60W)
Rated frequency	50Hz / 60Hz
Light Source	LED
Life time (h)	50,000
CRI	Ra 70(80 optional)
CCT	5000K(3000K/4000K optional)
Leading-in cable diameter	Φ8mm~ Φ14mm
Dimension (mm)	Φ230×170
Net weight (kg)	3

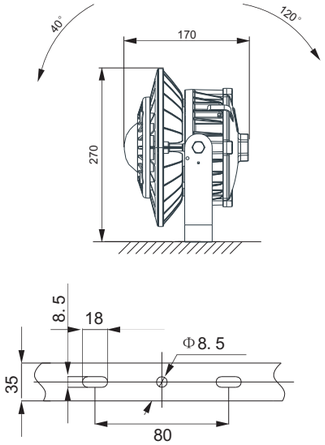
Ordering Reference

Model number	Picture	Rated wattage (W)	Light output (lm)	Space height ratio	Mounting height (m)	Light distribution Curve(1000cd/lm)	Equivalent to MH
Input voltage: 90~264VAC(30~60W) or 185~264VAC(80W)							
ZY8607S-L30-60° ×80°		30W	3500	1.25	3~6m		70W
ZY8607S-L40-60° ×80°		40W	4600				100W
ZY8607S-L50-60° ×80°		50W	5600				100W
ZY8607S-L60-60° ×80°		60W	6900		5~8m		150W
ZY8607S-L80-60° ×80°		80W	8800				175W
ZY8607S-L30-90° ×110°		30W	3300	1.75	3~6m		70W
ZY8607S-L40-90° ×110°		40W	4400				100W
ZY8607S-L50-90° ×110°		50W	5600				100W
ZY8607S-L60-90° ×110°		60W	6700		5~8m		150W
ZY8607S-L80-90° ×110°		80W	8400				175W
ZY8607S-L30-200°		30W	2800	1.75	2~5m		70W
ZY8607S-L40-200°		40W	3700				100W
ZY8607S-L50-200°		50W	4500				100W
ZY8607S-L60-200°		60W	5400		3~6m		150W
ZY8607S-L80-200°		80W	6800				175W
Input voltage: 18~43VAC/ 18~55VDC							
ZY8607S-L25D-60° ×80°		25W	2900	1.25	3~6m		70W
ZY8607S-L40D-60° ×80°		40W	4600				100W
ZY8607S-L60D-60° ×80°		60W	6900		5~8m		150W
ZY8607S-L25D-90° ×110°		25W	2700	1.75	3~6m		70W
ZY8607S-L40D-90° ×110°		40W	4400				100W
ZY8607S-L60D-90° ×110°		60W	6700		5~8m		150W
ZY8607S-L25D-200°		25W	2400	1.75	2~5m		70W
ZY8607S-L40D-200°		40W	3700				100W
ZY8607S-L60D-200°		60W	5400		3~6m		150W

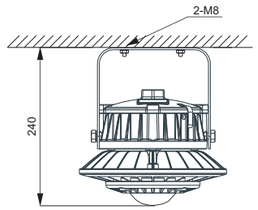
TORMIN ZY8607S Series Led Light (Bracket)

Drawing of dimension (Dimensions in mm)

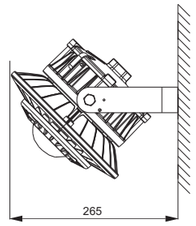
Seat mounting



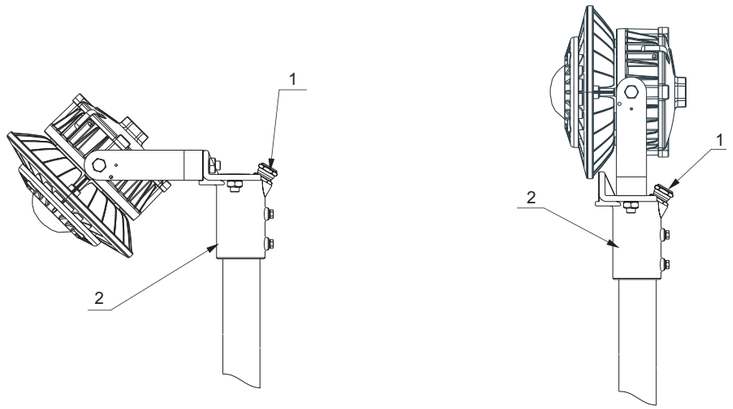
Ceiling mounting



Side wall mounting



Pole mounting



Order number	No.	Specification	Quantity	note
P07	1	Water proof connector M20	1	Suitable for Φ8mm-Φ12mm cable
	2	Pole mounting bracket	1	Suitable for DN32，DN40 pole

ZY8606P Series Led Light (Ring) TORMIN

ABS

CE

LM79

LM84

IP 66

Ta 55

Ta -40



Characteristics

- Super power, maximum power up to 480W, can replace more than 1000W metal halide lamps and sodium lamps.
- Housing made of special aluminum processing, hardware and brackets adopt 304 stainless steel, using high-tech anti-corrosion surface treatment technology, can be long-term suitable for seaside, chlor-alkali, hydrogen sulfide and other highly corrosive areas.
- Superconducting aluminum comprehensive self-loop thermal design, long-term suitable for operating environment with high temperature and high humidity. Upper and lower ventilation fin structure, no dust.
- Variety of light distribution, variety of installation types, same shape, an effective solution to beautify workshop and device platform.
- It adopts Imported light source, no dark zone in light spot, no ghosting, can save 60% or more on energy than the metal halide lamp.
  AC and DC wide voltage constant power supply, power factor above 0.98.
- It can quickly replace the light source without welding.
- Independent wiring chamber, safe and convenient for installation and maintenance.
- According to user needs, can choose light fixtures with a variety of intelligent control.

Application

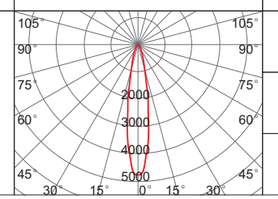
Suitable for plant lighting to high and medium installation height with high temperature performance for demanding.
Suitable for plant lighting to wet and corrosive environments.



Main Specification

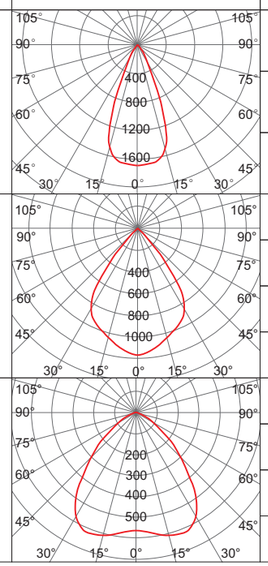
Item	Technical Parameters
Input voltage (V)	90~305VAC
Rated frequency	50Hz / 60Hz
Light source	LED
Life time (h)	50,000
CRI	Ra 70 (80 optional)
CCT	5000K(3000K/4000K optional)
Leading-in cable diameter	φ8mm~φ12mm
Dimension (mm)	602×300×250
Net weight (kg)	11.2

Ordering Reference

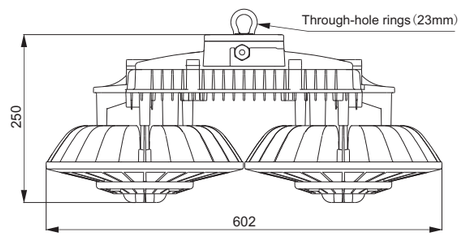
Model number	Picture	Rated Wattage (W)	Light output (lm)	Space height ratio	Mounting height (m)	Light distribution Curve(1000cd/lm)	Equivalent to MH
ZY8606P-L300-18°		300W	28800	0.4	25-45m		600W
ZY8606P-L400-25°		400W	40600				1000W
ZY8606P-L480-25°		480W	47400				＞1000W

TORMIN ZY8606P Series LED Lights (Ring)

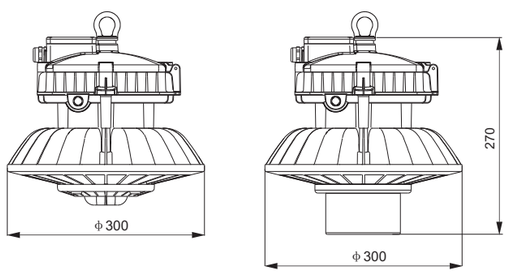
Ordering Reference

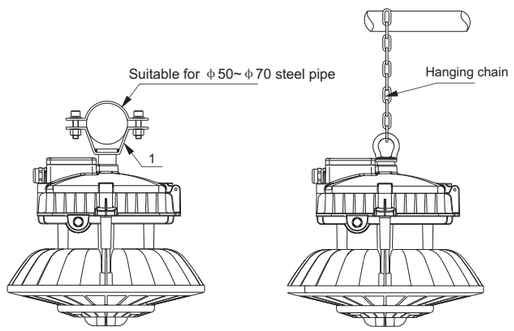
Model number	Picture	Rated wattage (W)	Light output (lm)	Space height ratio	Mounting height (m)	Light distribution Curve(1000cd/lm)	Equivalent to MH
ZY8606P-L240-40°		240W	25800	0.7	15-30m		600W
ZY8606P-L300-40°		300W	32800				1000W
ZY8606P-L360-40°		360W	37800				＞1000W
ZY8606P-L240-60°		240W	25500	0.9	15~30m		600W
ZY8606P-L300-60°		300W	32400				1000W
ZY8606P-L400-60°		400W	45200				＞1000W
ZY8606P-L480-60°		480W	55300				/
ZY8606P-L240-80°		240W	26000	1.35	15~30m		600W
ZY8606P-L300-80°		300W	33100				1000W
ZY8606P-L400-80°		400W	46200				＞1000W
ZY8606P-L480-80°		480W	56500				/

Drawing of dimension (Dimensions in mm)



Ring mounting (Standard)





Hold hoop mounting

Hanging chain mounting

Accessories Ordering Information (optional)

Order number	No.	Specifications Model	Quantity	Remark
P14	1	Hold hoop bracket	1	Suitable for ϕ50~ϕ70 steel pipe

ZY8606S Series LED lights (Bracket) TORMIN

ABS

CE

LM79

LM84

IP 66

Ta 55

Ta -40



Application

Suitable for offshore platform equipment, cargo terminal, stockyard and other high, medium installation height wet corrosive environments.

Characteristics

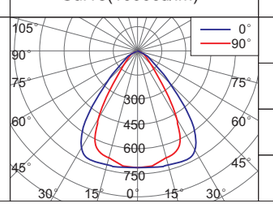
- Super power, maximum power up to 480W, can replace more than 1000W metal halide lamps and sodium lamps.
- Housing made of special aluminum processing, hardware and brackets adopt 304 stainless steel, using high-tech anti-corrosion surface treatment technology, can be long-term suitable for seaside, chlor-alkali, hydrogen sulfide and other highly corrosive areas.
- Superconducting aluminum comprehensive self-loop thermal design, long-term suitable for operating environment with high temperature and high humidity. Upper and lower ventilation fin structure, no dust.
- Variety of light distribution, variety of installation types, same shape, an effective solution to beautify workshop and device platform.
- It adopts Imported light source, no dark zone in light spot, no ghosting, can save 60% or more on energy than the metal halide lamp.
- AC and DC wide voltage constant power supply, power factor above 0.98.
- It can quickly replace the light source without welding.
- Independent wiring chamber, safe and convenient for installation and maintenance.
- According to user needs, can choose light fixtures with a variety of intelligent control.



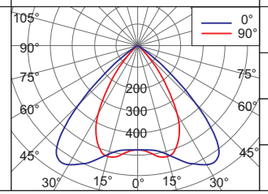
Main Specification

Item	Technical Parameters
Input voltage (V)	90~305VAC
Rated frequency	50Hz / 60Hz
Light source	LED
Life time (h)	50,000
CRI	Ra 70 (80 optional)
CCT	5000K(3000K/4000K optional)
Leading-in cable diameter	ϕ8mm~ϕ12mm
Dimension (mm)	602×250×340
Net weight (kg)	13

Ordering Reference

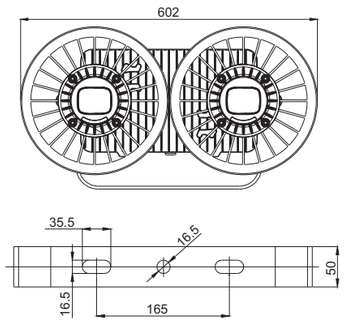
Model number	Picture	Rated wattage (W)	Light output (lm)	Space height ratio	Mounting height (m)	Light distribution Curve(1000cd/lm)	Equivalent to MH
ZY8606S□-L240-60°×80°		240W	27200	1.35	15~25m		600W
ZY8606S□-L300-60°×80°		300W	34600				1000W
ZY8606S□-L400-60°×80°		400W	46600				＞1000W
ZY8606S□-L480-60°×80°		480W	53400				/

TORMIN ZY8606S Series LED Lights (Bracket)

Model number	Picture	Rated wattage (W)	Light output (lm)	Space height ratio	Mounting height (m)	Light distribution Curve(1000cd/lm)	Equivalent to MH
ZY8606S□-L240-90°×110°		240W	25200	1.4	15~20m		600W
ZY8606S□-L300-90°×110°		300W	32000				1000W
ZY8606S□-L400-90°×110°		400W	44000				＞1000W
ZY8606S□-L480-90°×110°		480W	50600				/

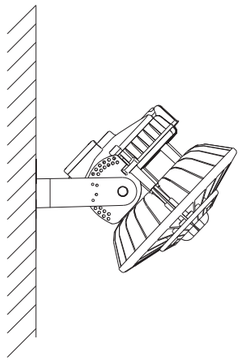
Note 1: the above model with light for the recommended distribution, but also according to the actual need to choose other light distribution.
Note 2: order number "□" according to the actual installation needs fill in 1 or 2, S1 straight stent, S2 angle bracket.

Drawing of dimension (Dimensions in mm)



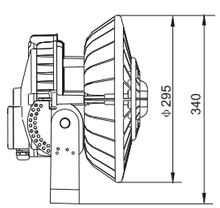
Installation Dimension

Side wall mounting



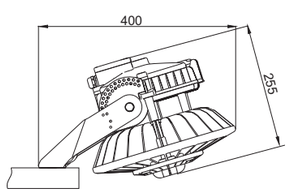
ZY8606S1

Seat mountingS1



ZY8606S1

Seat mountingS2



ZY8606S2

ZY8606S Series LED Lights(Bracket cast light) TORMIN

ABS
CE
LM79
LM84
IP 66
Ta 55
Ta -40



Characteristics

- Super power, maximum power up to 480W, can replace more than 1000W metal halide lamps and sodium lamps.
- Housing made of special aluminum processing, hardware and brackets adopt 304 stainless steel, using high-tech anti-corrosion surface treatment technology, can be long-term suitable for seaside, chlor-alkali, hydrogen sulfide and other highly corrosive areas.
- Superconducting aluminum comprehensive self-loop thermal design, long-term suitable for operating environment with high temperature and high humidity. Upper and lower ventilation fin structure, no dust.
- Variety of light distribution, variety of installation types, same shape, an effective solution to beautify workshop and device platform.
- It adopts Imported light source, no dark zone in light spot, no ghosting, can save 60% or more on energy than the metal halide lamp.
- AC and DC wide voltage constant power supply, power factor above 0.98.
- It can quickly replace the light source without welding.
- Independent wiring chamber, safe and convenient for installation and maintenance.
- According to user needs, can choose light fixtures with a variety of intelligent control.

Application

Suitable as long distance cast lighting for offshore platform equipment, cargo terminal, stockyard and other high, medium installation height wet corrosive environments.



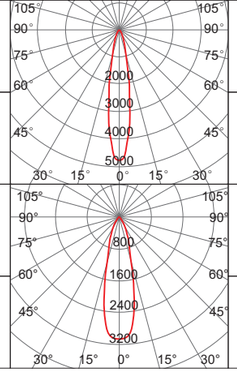
Main Specification

Item	Technical Parameters
Input voltage (V)	90~305VAC
Rated frequency	50Hz / 60Hz
Light source	LED
Life time (h)	50,000
CRI	Ra 70 (80 optional)
CCT	5000K(3000K/4000K optional)
Leading-in cable diameter	ϕ8mm~ϕ12mm
Dimension (mm)	602×270×340
Net weight (kg)	13.5



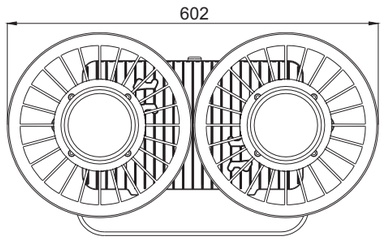
ZY8606S Series LED Lights(Bracket cast light)

Ordering Reference

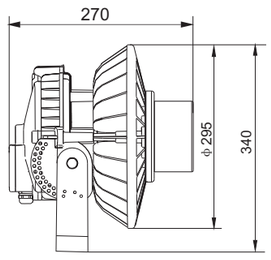
Model number	Picture	Rated wattage (W)	Light output (lm)	Light distribution Curve(1000cd/lm)	Equivalent to MH
ZY8606S□-L240-18°		240W	23000		600W
ZY8606S□-L300-18°		300W	29200		600W-1000W
ZY8606S□-L400-25°		400W	40600		1000W
ZY8606S□-L480-25°		480W	47000		＞1000W

Note : order number "□" according to the actual installation needs fill in 1 or 2, S1 straight stent, S2 angle bracket.

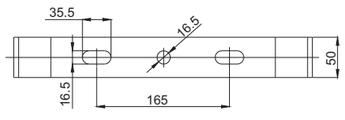
Drawing of dimension (Dimensions in mm)



Seat mountingS1

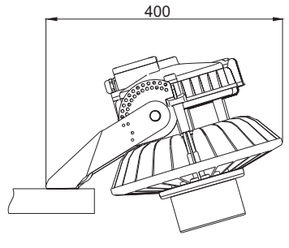


ZY8606S1



Installation Dimension

Seat mountingS2



ZY8606S2

ZY8606SC Series LED Lights (Dedicated for bridge crane)

IP66 Ta45 Ta-40



Application

Special for landing machine beam (crane)



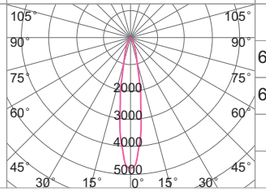
Characteristics

- High-power LED lighting fixtures can be a perfect replacement for 1000W HID light fixtures
- The lamp structure is made of anti-corrosion aluminum. The surface is coated with outdoor pure resin anti-corrosion plastic powder. The hardware and screws are made of SUS304 stainless steel and can be applied to the offshore environment for a long period of time.
- Luminaire machinery and electrical structures have superior anti-vibration capabilities and are particularly suitable for strong vibration areas such as shore machines.
- Radiator material is made of superconducting aluminum alloy material, thermal conductivity is 2.5 times that of ordinary aluminum alloy material; Radiator is designed as a fin-type all-round self-circulating permeation structure, high heat dissipation efficiency, no heat accumulation, no dust accumulation
- The luminaire is equipped with a variety of light distribution angles and installation methods, which can be used in combination to solve ultra-long distance and large area lighting
- Lamps have independent wiring chambers, no need to install junction box when installing, save time and cost
- The lamp light source and power supply are designed for quick replacement of the weld-free structure, enabling quick repair on site
- International famous brands of light sources, the average lighting efficiency up to 120lm/W, 60% more than the metal halide lamp energy saving
- Select high-end brand (Ming Wei, Infinity) aluminum shell seal outdoor power supply, wide input range, constant current and constant voltage output, high power factor, high efficiency, two-stage PFC, anti-lightning surge, ensure the long-term stable and efficient lamps Output
- Two inlets can be customized according to customer requirements and used in parallel as wiring.

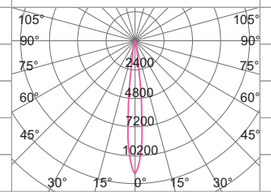
Main Specification

Item	Technical Parameters
Input voltage (V)	90~305VAC
Rated frequency	50Hz / 60Hz
Light source	LED
Life time (h)	50,000
CRI	Ra 65
CCT	3000K(4000K/5000K optional)
Leading-in cable diameter	ϕ8mm~ ϕ12mm
Dimension (mm)	602×300×440
Net weight (kg)	15

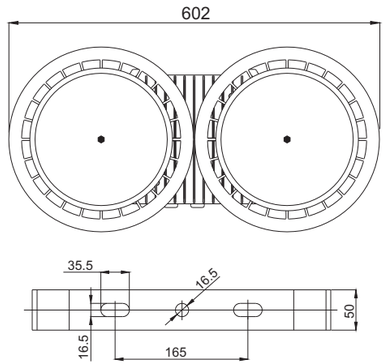
Ordering Reference

Model number	Picture	Rated wattage (W)	Light output (lm)	Space height ratio	Mounting height(m)	Light distribution Curve(1000cd/lm)	Equivalent to MH
ZY8606SC-L240-18°		240W	23000	0.4	25-45m		600W
ZY8606SC-L300-18°		300W	29200				600W-1000W
ZY8606SC-L360-18°		360W	36000				600W-1000W
ZY8606SC-L400-25°		400W	40600				1000W
ZY8606SC-L480-25°		480W	47000				＞1000W

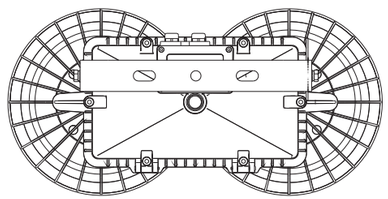
ZY8606SC Series LED Lights (Dedicated for bridge crane)

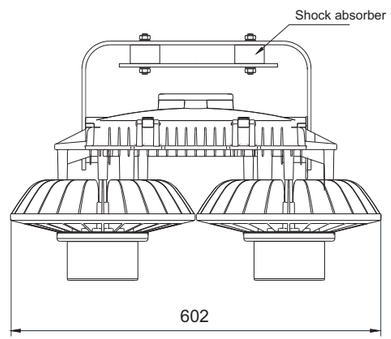
Model number	Picture	Rated wattage (W)	Light output (lm)	Light distribution Curve(1000cd/lm)	Equivalent to MH
ZY8606SC -L240-9°		240W	23000		600W
ZY8606SC-L300- 9°		300W	29200		600W-1000W
ZY8606SC-L360- 9°		360W	36000		600W-1000W
ZY8606SC -L400-12°		400W	40600		1000W
ZY8606SC-L480- 12°		480W	47000		＞1000W

Drawing of dimension (Dimensions in mm)

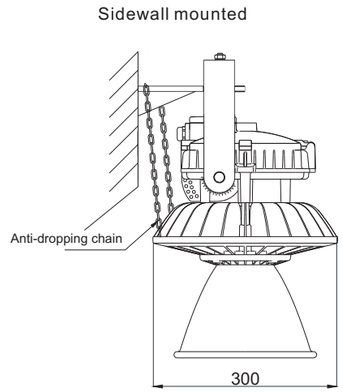


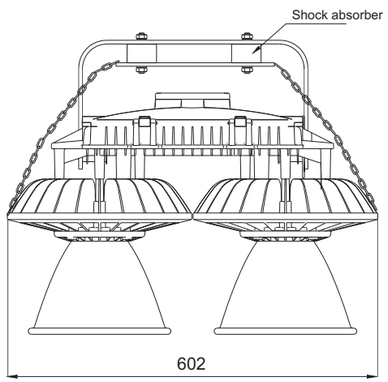
Installation Dimension





18°/25°





9°/12°

ZY8606SH Series LED Lights(High pole light)

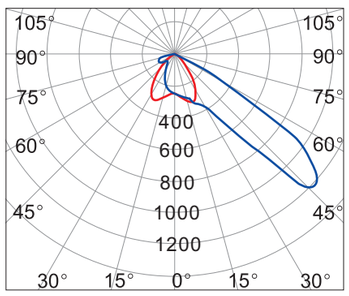


Application

Suitable for airport, yard, square, turntable and other areas dedicated to pole lights



Light distribution curve



0°
90°

1000lm/cd

Characteristics

- Shell made of special aluminum processing, can be used for a long time in the seaside, saline and other corrosive environments.
- LED precision light distribution, installation elevation angle of 15 °, the maximum peak light intensity of 65 °, while the light cut will control the light within 75 degrees, the ground uniformity greater than 0.4, much higher than the national standard 0.25 requirements.
- Convection ventilation structure design, only 0.06 square meters of projection area, wind resistance coefficient is extremely small, able to withstand more than 12 typhoons.
- The lamp has an angle locking device, which can ensure that the lamp does not change the irradiation position in a vibration environment.
- Imported LED light source, high luminous efficiency, low light decay, saving 60% power consumption compared to sodium lamps and metal halide lamps.
- The power supply adopts a famous brand, with a power factor of 0.98 or more, and has the highest reliability and lifespan in the industry.
- Independent wiring chamber wiring is safe and easy to install and maintain.
- Replace the light source without welding, can be replaced directly.
- The brackets and exposed fasteners are made of stainless steel 304, which can effectively ensure the strength and corrosion resistance of the lamps in the long term.
- Shell with high-tech anti-corrosion surface coating technology, wear resistance, corrosion, waterproof and dustproof, suitable for a variety of harsh environments.
- Two inlets can be customized according to customer requirements and used in parallel as wiring.

Main Specification

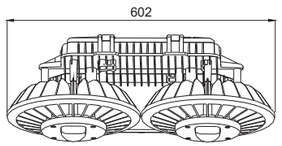
Item	Technical Parameters	
Input voltage (V)	90~305VAC	
Rated frequency	50Hz / 60Hz	
Light source	LED	
Life time (h)	50,000	
CRI	Ra 70 (80 optional)	
CCT	3000K(4000K/5000K optional)	
Leading-in cable diameter	ϕ8mm~ ϕ12mm	
Terminals	Multi core: ≤4㎟	
	Single core: ≤6㎟	
Dimension (mm)	ZY8606SH1	602×415×255
	ZY8606SH2	602×400×255
Net weight (kg)	13	

ZY8606SH Series LED Lights(High pole light)

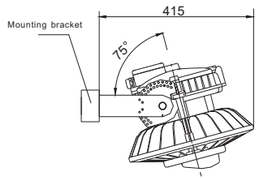
Ordering Reference

Model number	Picture	Rated wattage (W)	Light output (lm)	Equivalent to MH
Inverted mounted, sidewall mounted				
ZY8606SH1-L300		300W	32000	600W~800W
ZY8606SH1-L400		400W	44000	1000W
Bracket mounted				
ZY8606SH2-L300		300W	32000	600W~800W
ZY8606SH2-L400		400W	44000	1000W

Drawing of dimension (Dimensions in mm)

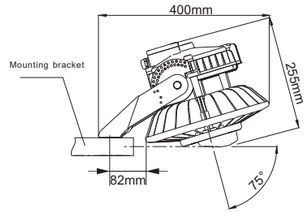


Sidewall mounted

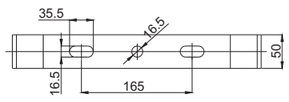


ZY8606SH1

Bracket mounted

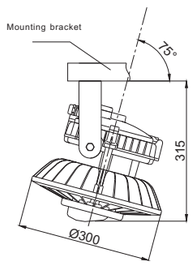


ZY8606SH2



Installation Dimension

Inverted mounted



ZY8606SH1

ZY9710 Series High Power LED Lights

LM79
LM84
IP 66
Ta 55
Ta -40



Characteristics

- Radiator adopts comprehensive self-loop thermal design, long-term suitable for operating environment with high temperature and high humidity. Upper and lower ventilation fin structure, no dust.
- Variety of light distribution, variety of installation types, same shape, an effective solution to beautify workshop and device platform.
- It adopts imported light source, no dark zone in light spot, no ghosting, can save 60% or more on energy than the metal halide lamp.
- AC and DC wide voltage constant power supply, Power factor up to 0.98.
- It can achieve quickly scene replacement of light source and electrical without welding.
- The locking device on the bracket will keep the lamp from shift or trembling during harsh vibration.
- Housing made of aluminum alloy processing, standard parts with 304 stainless steel, using high-tech anti-corrosion surface treatment technology, suitable for a variety of harsh industrial operating environment.
- Frontal area is only 30% of the traditional light fixture, suitable for high altitude and strong wind area.
- According to user needs, can choose light fixtures with a variety of intelligent control.

Application

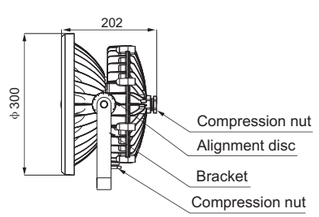
Chemical plants, docks, metallurgical plants and other high-temperature performance for demanding industrial environments.

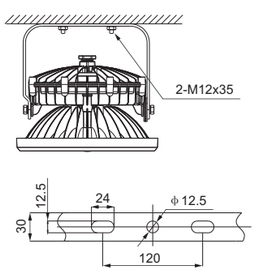


Main Specification

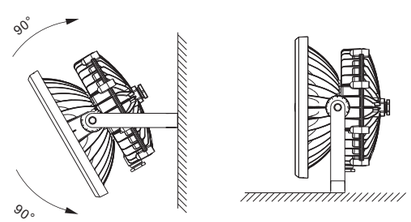
Item	Technical Parameters
Input voltage (V)	90~305VAC
Rated frequency	50Hz / 60Hz
Light source	LED
Life time (h)	50,000
CRI	Ra 70 (80 optional)
CCT	5000K(3000K/4000K optional)
Leading-in cable diameter	ϕ9mm~ ϕ14mm
Dimension (mm)	ϕ300×202
Net weight (kg)	6.3

Drawing of dimension (Dimensions in mm)





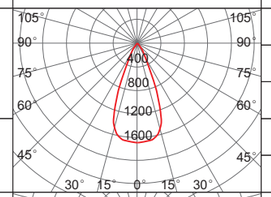
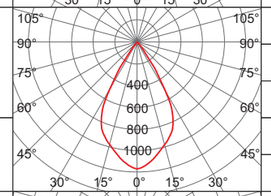
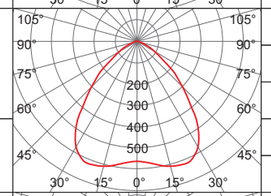
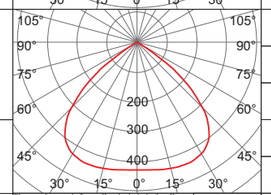
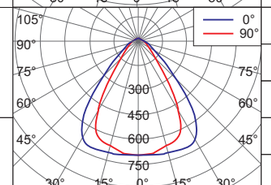
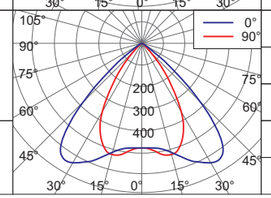
Installation Dimensions



Bracket mounting (Standard)

TORMIN ZY9710 Series High Power LED Lights

Ordering Reference

Model number	Picture	Rated wattage (W)	Light output (lm)	Space height ratio	Mounting height (m)	Light distribution Curve(1000cd/lm)	Equivalent to MH
ZY9710-L80-40°		80W	8600	0.7	8~12m		175W
ZY9710-L100-40°		100W	11200				250W
ZY9710-L120-40°		120W	12900				＞250W
ZY9710-L150-40°		150W	15600		10~20m		400W
ZY9710-L180-40°		180W	16800				＞400W
ZY9710-L80-60°		80W	8600	0.9	8~12m		175W
ZY9710-L100-60°		100W	11200				250W
ZY9710-L120-60°		120W	12900				＞250W
ZY9710-L150-60°		150W	15500		10~20m		400W
ZY9710-L200-60°		200W	21900				＞400W
ZY9710-L80-80°		80W	8800	1. 35	8~12m		175W
ZY9710-L100-80°		100W	11500				250W
ZY9710-L120-80°		120W	13200				＞250W
ZY9710-L150-80°		150W	15900		10~15m		400W
ZY9710-L200-80°		200W	22300				＞400W
ZY9710-L80-100°		80W	8900	1. 4	8~12m		175W
ZY9710-L100-100°		100W	11600				250W
ZY9710-L120-100°		120W	13400				＞250W
ZY9710-L150-100°		150W	16100		10~15m		400W
ZY9710-L200-100°		200W	22700				＞400W
ZY9710-L80-60°×80°		80W	9000	1.25	8~12m		175W
ZY9710-L100-60°×80°		100W	11800				250W
ZY9710-L120-60°×80°		120W	13600				＞250W
ZY9710-L150-60°×80°		150W	16400		10~15m		400W
ZY9710-L200-60°×80°		200W	22100				＞400W
ZY9710-L80-90°×110°		80W	8400	1.75	8~12m		175W
ZY9710-L100-90°×110°		100W	11000				250W
ZY9710-L120-90°×110°		120W	12600				＞250W
ZY9710-L150-90°×110°		150W	15200		10~15m		400W
ZY9710-L200-90°×110°		200W	20900				＞400W

ZY8502A LED High Bay Light TORMIN



Characteristics

- Using high-tech surface coating technology, wear-resistant and anti-corrosion, waterproof and dustproof, suitable for a variety of harsh environments;
- Radiator with a full range of self-cycle design, effective guarantee long-term use for high temperature and humidity operating environment; upper and lower ventilation fin structure, no dust.
- Lamps with Philips light source, no dark spot, the average light efficiency of whole light up to 110lm / W, energy-saving is 60% more than metal halide light.
- Power supply with AC and DC wide voltage constant power, power factor up to 0.98.

Application

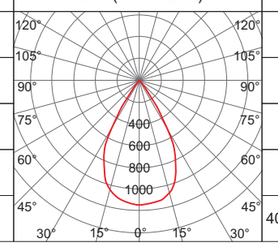
Suitable for plant lighting with 10 ~ 25 meters installation height.



Main Specification

Item	Technical Parameters
Input voltage range (V)	90 ~ 305VAC
Rated frequency	50Hz / 60Hz
Light source	LED
Life time (h)	50,000
CRI	Ra 70 (80 optional)
CCT	5000K(3000K/4000K optional)
Dimension (mm)	ϕ300×182 (80W/ 100W/ 120W)
	ϕ340×182 (150W/ 200W)
Net weight (kg)	3.2 (80W/ 100W/ 120W); 4.5 (150W/ 200W)

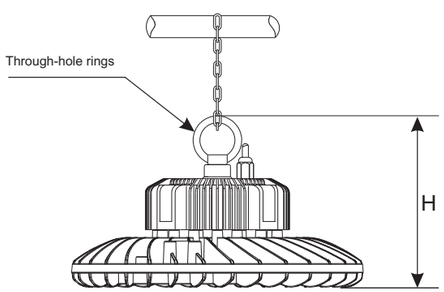
Ordering Reference

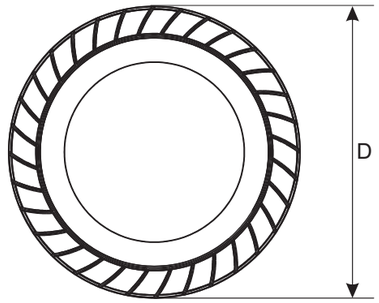
Model number	Picture	Rated wattage (W)	Light output (lm)	Space height ratio	Mounting height (m)	Light distribution curve(1000cd/lm)	Equivalent to MH
ZY8502A-L80-45°		80W	9150	0.9	6~8		＞150W
ZY8502A-L100-45°		100W	10760		7~10		250W
ZY8502A-L120-45°		120W	12400		8~10		＞250W
ZY8502A-L150-60°		150W	17450		8~15		400W
ZY8502A-L200-60°		200W	21700		10~20		400W~600W

ZY8502A LED High Bay Light

Drawing of dimension (Dimensions in mm)

Ring mounting (Standard)





Order number	Rated Wattage(W)	D(mm)	H(mm)
ZY8502A	150W/200W	340	182
ZY8502A	80W/100W/120W	300	182

ZY8605A LED Light

IP 65
Ta 45
Ta -40



Application

Suitable for power plants, steel mills, chemical plants and other indoor and outdoor lighting.



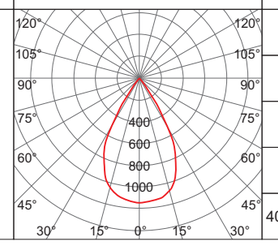
Characteristics

- Using high-tech surface coating technology, wear-resistant and anti-corrosion, waterproof and dustproof, suitable for a variety of harsh environments;
- Radiator with a full range of self-cycle design, effective guarantee long-term use for high temperature and humidity operating environment.
- Variety of installation types, same shape, an effective solution to beautify workshop and device platform.
- Lamps with imported light source, no dark spot, the average light efficiency of whole light up to 110lm / W, energy-saving is 60% more than metal halide light.
- Power supply with AC and DC wide voltage constant power, power factor up to 0.98.
- The light fixture is equipped with an angle locking device, to ensure that the illumination direction is not displaced in the vibration environment.

Main Specification

Item	Technical Parameters
Input voltage range (V)	90 ~ 305VAC
Rated frequency	50Hz / 60Hz
Light source	LED
Life time (h)	50,000
CRI	Ra 70 (80 optional)
CCT	5000K(3000K/4000K optional)
Dimension (mm)	332×340×130 (80W/ 100W/ 120W)
	352×360×130 (150W/ 200W)
Net Weight (kg)	3.2 (80W/ 100W/ 120W); 4.5 (150W/ 200W)

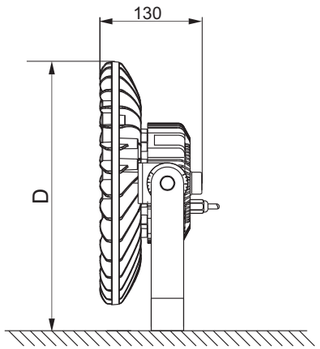
Ordering Reference

Model number	Picture	Rated wattage (W)	Light output (lm)	Space height ratio	Mounting height(m)	Light distribution curve(1000cd/lm)	Equivalent to MH
ZY8605A-L80-50°		80W	9150	/	/		＞150W
ZY8605A-L100-50°		100W	10760				250W
ZY8605A-L120-50°		120W	12400				＞250W
ZY8605A-L150-60°		150W	17450				400W
ZY8605A-L200-60°		200W	21700				400W~600W

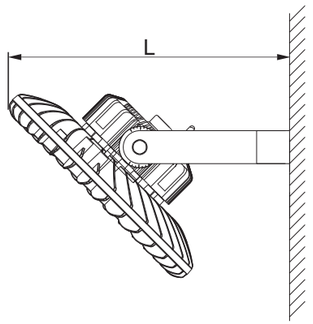
ZY8605A LED Light

Model number	Picture	Rated wattage (W)	Light output (lm)	Space height ratio	Mounting height(m)	Light distribution curve(1000cd/lm)	Equivalent to MH
ZY8605A-L150-90°		150W	17450	/	/		400W
ZY8605A-L200-90°		200W	21700				400W~600W

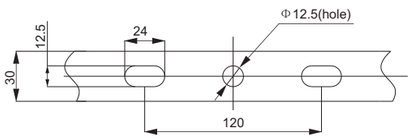
Drawing of dimension (Dimensions in mm)



Seat mounting



Side wall mounting



Installation dimensions

Order number	Rated Wattage (W)	D(mm)	L(mm)
ZY8605A	150W/200W	352	360
ZY8605A	80W/100W/120W	332	340

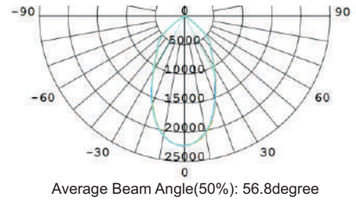
ZY8507 Series LED High Bay light



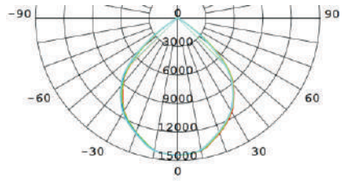
Application

The products are widely used in high-shed factories, workshops, warehouses, logistics centers, exhibition halls, gymnasiums, shipyards, highway toll stations, gas stations, supermarkets, farmer's markets, and other places that require large-area lighting.

Light distribution curve



Average Beam Angle(50%): 56.8degree



Average Beam Angle(50%): 91.0degree

Characteristics

1. Multiple high-power light sources are evenly distributed and separated in the power supply design, with good heat dissipation effect, long life of the lamp, suitable for high temperature and high humidity working environment;
2. The light has high dustproof, waterproof, and shock resistance, and the protection level is up to IP66, which is suitable for various large-area roof-mounted industrial operating environments;
3. The Chinese renowned brand light source, the overall light efficiency is up to 120lm/W on average, which is more than 60% energy-saving compared with the same period in the metal halide lamp;
4. Use high-end brand aluminum housing sealant outdoor special power supply, wide input range, constant current and constant voltage output, high power factor, high efficiency, anti-lightning surge, and ensure long-term stable and efficient output of lamps.

Main Specification

Item	Technical Parameters
Input voltage	90~264VAC
Rated frequency	50Hz / 60Hz
Rated wattage	50W~400W
Light source	LED
Life time of light source	100,000hrs
CRI	Ra 70
CCT	5000K (3000K/ 4000K customized)
Ingress protection	IP66

Ordering Reference

Model number	Photo	Rated wattage (W)	Light output (lm)	Net weight (Kg)	Space height ratio	Mounting height	Dimensions (mm)	Equivalent to HPS
ZY8507A/B-L50-60°		50	6010	2.9	0. 65	5~8m	Φ353X248(H)	100W
ZY8507A/B-L100-60°		100	12020	3.7			Φ353X274(H)	250W
ZY8507A/B-L150-60°		150	18030	4.5		8~15m	Φ353X305(H)	400W
ZY8507A/B-L200-60°		200	25440	5.0	1.4		Φ353X355(H)	400W~600W
ZY8507A/B-L250-60°		250	31600	5.6		15~20m	Φ353X385(H)	600W

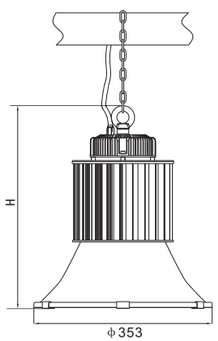
ZY8507 Series LED High Bay light

Ordering Reference

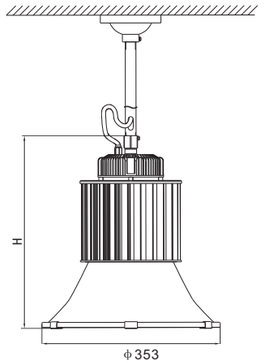
Model number	Photo	Rated wattage (W)	Light output (lm)	Net weight (Kg)	Space height ratio	Mounting height	Dimensions (mm)	Equivalent to HPS
ZY8507A-L300-60°		300	37900	7.2	1.4	15~20m	Φ353X500(H)	600W~1000W
ZY8507A-L400-60°		400	50600	9		20~40m	Φ353X560(H)	1000W
ZY8507A/B-L50-90°		50	6010	2.9	0. 65	5~8m	Φ353X248(H)	100W
ZY8507A/B-L100-90°		100	12020	3.5			Φ353X274(H)	250W
ZY8507A/B-L150-90°		150	18030	4		8~15m	Φ353X306(H)	400W
ZY8507A/B-L200-90°		200	25440	4.1	1.4		Φ353X355(H)	400W~600W
ZY8507A/B-L250-90°		250	31600	5.6		15~20m	Φ353X385(H)	600W
ZY8507A-L300-90°		300	37900	7.2	1.4	15~20m	Φ353X500(H)	600W~1000W
ZY8507A-L400-90°		400	50600	9		20~40m	Φ353X560(H)	1000W

Installation and Selection

Ring mounted

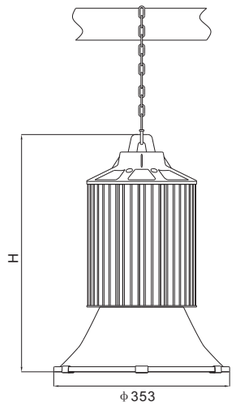


Pole mounted



50W~250W

Ring mounted



300W, 400W

ZY8508 Series LED High Bay light

IP 65

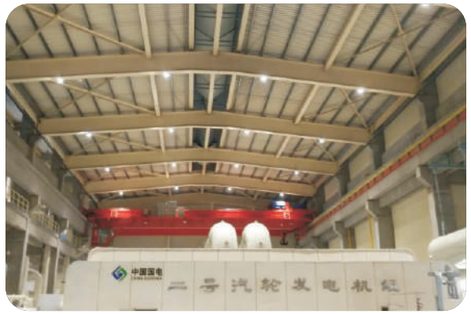
Ta 40

Ta -40



Application

This product is widely used in supermarkets, warehouses, factories, stadiums, airports, docks, large buildings and other places.



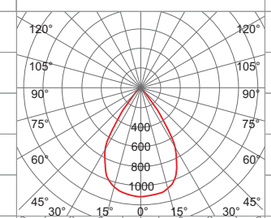
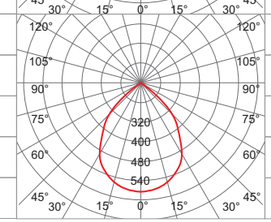
Characteristics

1. The lamp adopts international brand light source, the spot has no dark area, high luminous efficiency, long life, the whole light efficiency is greater than 115lm/W, and the energy saving of metal halide lamps is more than 60%.
2. Die-cast aluminum heat dissipation shell, fin structure UFO product, convection from upper and lower vents, fast heat dissipation, reliable life.
3. The powder spraying protection process of the heat dissipation base plate ensures the lowest thermal resistance between the aluminum base plate and the radiator and maximizes the heat dissipation effect
4. AC and DC wide voltage constant power power supply, power factor up to 0.98
5. The concave design of the light-emitting surface effectively avoids glare.

Main Specification

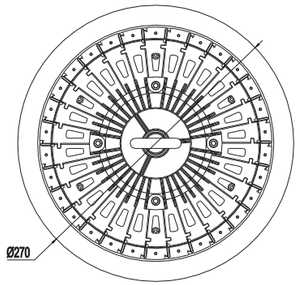
Item	Technical Parameters
Input voltage	90~305VAC
Rated frequency	50Hz / 60Hz
Rated wattage	80W~300W
Light source	LED
Life time of light source	100,000hrs
CRI	Ra 70
CCT	5000K (3000K/ 4000K customized）

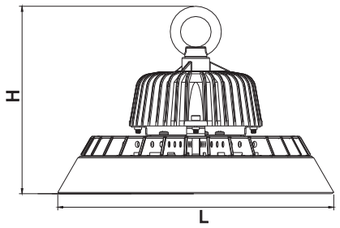
Ordering Reference

Model number	Rated wattage (W)	Light output (lm)	Dimensions (mm)	Mounting height	Net weight (Kg)	Light distribution curve (1000cd/lm)	Equivalent to HPS
ZY8508-L80-60°	80W	>9,200	Φ230(L)×122(H)	7~10m	1.2		150W
ZY8508-L100-60°	100W	>11,500	Φ270(L)×183(H)		2.1		250W
ZY8508-L150-60°	150W	>17,250	Φ330(L)×193(H)	8~15m	3.0		400W
ZY8508-L200-60°	200W	>23,000	Φ380(L)×203(H)	10~20m	3.1		400W~600W
ZY8508-L300-60°	300W	>33,000	Φ422(L)×220(H)	15~25m	5.3		600W
ZY8508-L80-90°	80W	>9,200	Φ230(L)×122(H)	7~10m	1.2		150W
ZY8508-L100-90°	100W	>11,500	Φ270(L)×183(H)		2.1		250W
ZY8508-L150-90°	150W	>17,250	Φ330(L)×193(H)	8~15m	3.0		400W
ZY8508-L200-90°	200W	>23,000	Φ380(L)×203(H)	10~20m	3.1		400W~600W
ZY8508-L300-90°	30W	>33,000	Φ422(L)×220(H)	15~25m	5.3		600W

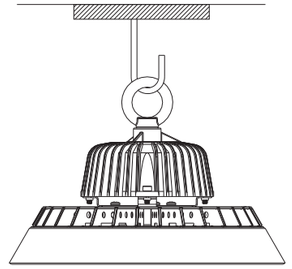
TORMIN ZY8508 Series LED High Bay light

Installation and Selection

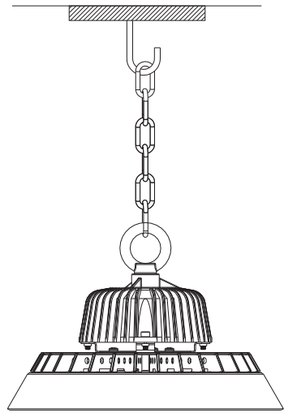




Installation size



Ring mounted



Hanging chain installation

ZY8508B LED High Bay Light TORMIN

IP 65





Application

This product is widely used in high ceiling lighting such as industrial plants and warehouses.

Characteristics

- Transparent die-cast housing, high strength and good heat dissipation;
- The whole lamp has a lighting effect of 160lm/W, which is more energy-saving;
- It can be matched with sensors to achieve intelligent control and further save energy;
- It can be matched with a sunshade, the light is not dazzling, and
- it is more suitable for workshops where people work for a long time.

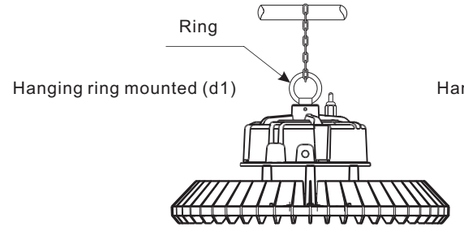
Main Specification

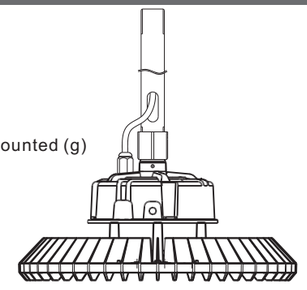
Item	Technical Parameter
Input voltage range	108~305VAC
Rated frequency	50Hz / 60Hz
Rated wattage	100W~300W
Light source	LED
CRI	70(80 optional)
CCT	5000K
Light source lifetime	100,000hrs
Beam angle	60°/90°/120°

Ordering Reference

Model number	Rated Wattage	Light output(lm)	Space height rate	Mounting height(m)	Net weight (Kg)	Dimensions (mm)	Equivalent to MH
ZY8508B-L100	100W	13500	1.5	3~6	2.5	φ241×110	200W
ZY8508B-L150	150W	20250		5~10	3.5	φ281×110	300W
ZY8508B-L200	200W	27000		8~15	4	φ321×120	400W
ZY8508B-L240	240W	32400		10~20	4.5	φ361×130	500W
ZY8508B-L300	300W	40500		15~35	5.5	φ361×130	600W

Installation and selection





IP 66

Ta 40

Ta -40



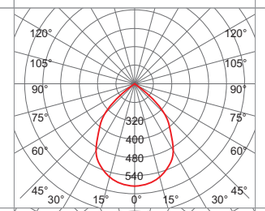
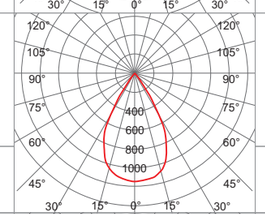
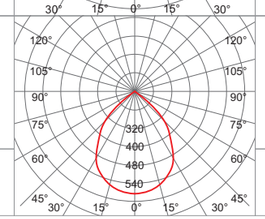
Application

The products are widely used in high-shed factories, workshops, warehouses, logistics centers, exhibition halls, gymnasiums, shipyards, highway toll stations, gas stations, supermarkets, farmer's markets, and other places that require large-area lighting.

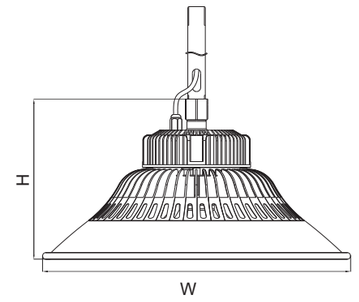
Characteristics

1. Multiple high-power light sources are evenly distributed and separated in the power supply design, with good heat dissipation effect, long life of the lamp, suitable for high temperature and high humidity working environment;
2. The lamps have high anti-corrosion and anti-vibration capabilities, and are suitable for various large-area top-mounted industrial operating environments;
3. The internationally renowned brand light source, the overall light efficiency is more than 110lm/W on average, which is more than 60% energy-saving compared with the same period in the metal halide lamp;
4. Use high-end brand aluminum housing sealant outdoor special power supply, wide input range, constant current and constant voltage output, high power factor, high efficiency, anti-lightning surge, and ensure long-term stable and efficient output of lamps.

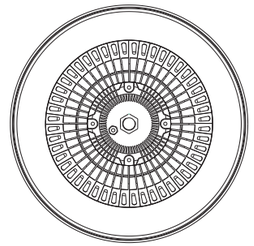
Installation and Selection

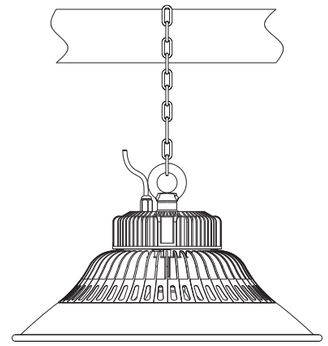
Model number	Rated wattage (W)	Light output (lm)	Mounting height	Light distribution curve (1000cd/lm)	Net weight (Kg)	Dimensions (mm)	Equivalent to HPS
ZY8509A/B-L50-90°	50W	>5500	3~6m		2.3	ϕ370(W)×175(H)	100W~150W
ZY8509A/B-L80-90°	80W	>8800					175W
ZY8509A/B-L100-90°	100W	>11000					250W
ZY8509A/B-L120-60°	120W	>13200	5~8m		2.5		250W~400W
ZY8509A/B-L150-60°	150W	>16500					400W
ZY8509A/B-L200-60°	200W	>22000	8~12m		3.0	ϕ450(W)×200(H)	400W~600W
ZY8509A/B-L120-90°	120W	>13200	5~8m		2.5	ϕ370(W)×175(H)	250W~400W
ZY8509A/B-L150-90°	150W	>16500					400W
ZY8509A/B-L200-90°	200W	>22000	8~12m		3.0	ϕ450(W)×200(H)	400W~600W

Installation and Selection



Pole mounted





Ring mounted

TORMIN ZY8702 Series LED Streetlight

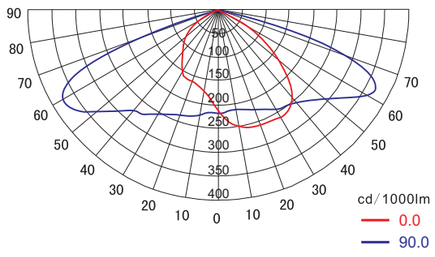
LM79
LM84
IP 65
Ta 50
Ta -40



Application

This product is widely used in the plant roads, highways at all levels, urban roads as street lighting.

Light Distribution Curve



Characteristics

- Apply the design of lens with different angles, make irradiation surface wider, fully effective use of light. Illumination uniformity, no glare, does not cause eyestrain of workers, improve work efficiency.
- Modular design could solve the difficult maintenance problem of conventional LED lighting. You can achieve module replacement without opening light fixtures.
- Professional street lighting design, can save 60% or more on energy than the metal halide lamp.
- Equipped with electrical appliance of Meanwell or other world top ranking brand, AC and DC wide voltage constant power supply, power factor up to 0.98.
- Lamps internal components with anti-10KV lightning, effectively avoid risk of failure caused by high altitude lightning.
- Housing made of aluminum alloy processing, standard 304 stainless steel materials, using high-tech anti-corrosion surface treatment technology, suitable for a variety of harsh industrial operating environment.
- According to user needs, can choose light fixtures with a variety of intelligent control.

Main Specification

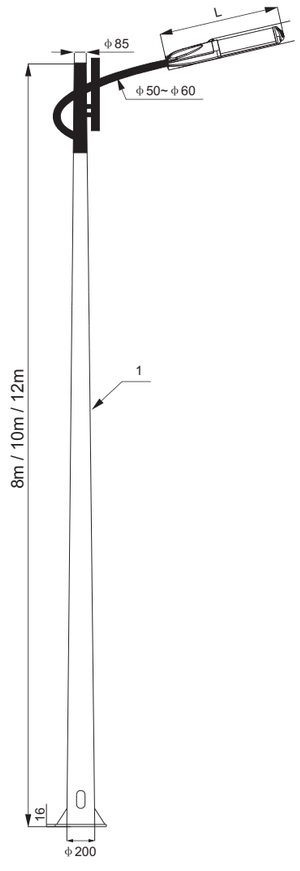
Item	Technical Parameters
Input voltage (V)	90~305VAC
Rated frequency	50Hz / 60Hz
Light source	LED
Life time (h)	100,000
CRI	Ra 75
CCT	5000K ±250K
Space height ratio	3.5



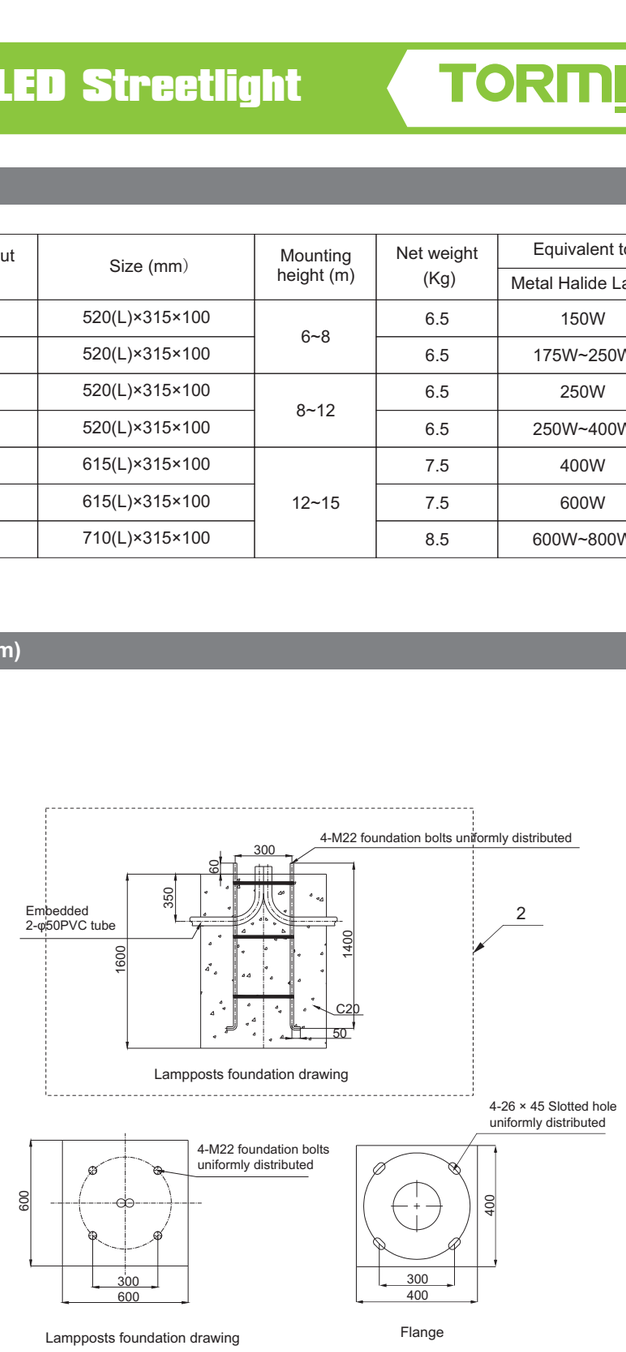
Ordering Reference

Model number	Rated wattage (W)	Light output (lm)	Size (mm)	Mounting height (m)	Net weight (Kg)	Equivalent to Metal Halide Lamp
ZY8702-L60	60W	6600	520(L)×315×100	6~8	6.5	150W
ZY8702-L80	80W	8800	520(L)×315×100		6.5	175W~250W
ZY8702-L100	100W	11000	520(L)×315×100	8~12	6.5	250W
ZY8702-L120	120W	13200	520(L)×315×100		6.5	250W~400W
ZY8702-L150	150W	16500	615(L)×315×100	12~15	7.5	400W
ZY8702-L180	180W	18900	615(L)×315×100		7.5	600W
ZY8702-L240	240W	25200	710(L)×315×100		8.5	600W~800W

Drawing of dimension (Dimensions in mm)



Single arm installation (pole optional)



Accessories Ordering Information (optional)

Order number	NO.	Specifications Model	Quantity
P23	1	10m pole	1
P24	1	12m pole	1
P25	2	Embedded parts	1

IP65 Ta45 Ta-25



Executive standard: GB7000/GB17625/GB17743



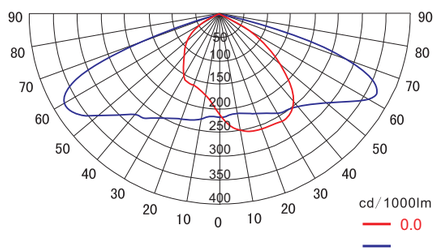
Application

Suitable for streets, roads, highways, square, parks, parking lots, etc.

Characteristic

- The light source power source is separated for heat dissipation, with good heat dissipation effect, long lifetime, suitable for high temperature and high humidity outdoor environment;
- American Lumileds light source, the overall light efficiency is as high as 120lm/W on average, which is more than 60% energy-saving compared with the metal halide lamp;
- Use high-end brands (MEAN WELL, Inventronics) aluminum shell plastic-sealed outdoor special power supply, wide input range, constant current and constant voltage output, high power factor, high efficiency, dual-stage PFC, anti-lightning surge, and ensure long-term stability of the lamp Efficient output;
- The protection level of the whole lamp reaches IP65, which can be used in various indoor and outdoor sand, dust or rain and fog environments for a long time.

Light distributor curve



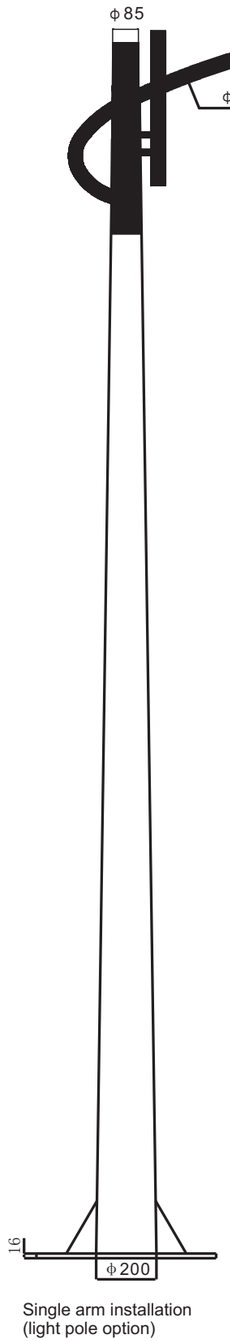
Main specification

Item	Technical Parameters
Input voltage	90~264VAC
Rated frequency	50Hz / 60Hz
Light source	LED
Life time	100,000hrs
CRI	Ra 70
CCT	2200K~6500K

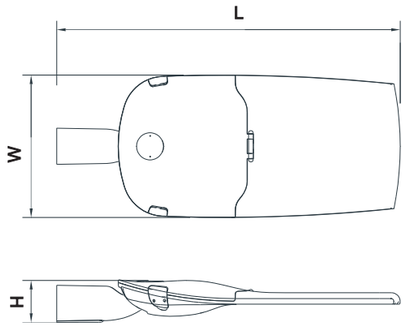
Ordering Reference

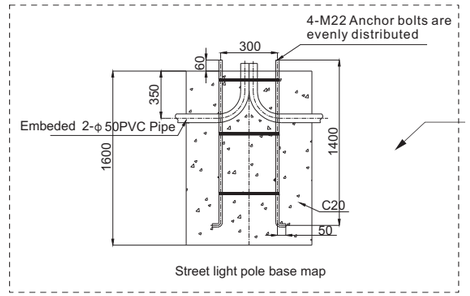
Model number	Rated wattage (W)	Light output(lm)	Dimension(mm)	Mounting height(m)	Net weight(Kg)	Equivalent to HPS
ZY8705-L50	50W	6000	664 (L) ×243 (W) ×96	6~8m	3.8	175W
ZY8705-L80	80W	9600				175W~250W
ZY8705-L100	100W	12000				250W
ZY8705-L120	120W	14400	719 (L) ×297 (W) ×96		4.9	250W~400W
ZY8705-L150	150W	18000		8~12m		400W

Installation and selection

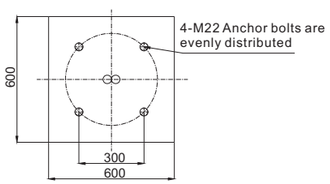


Single arm installation
(light pole option)

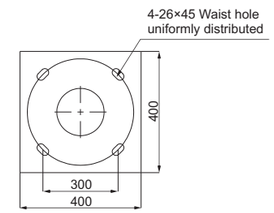




Street light pole base map



Street light pole base map



Schematic diagram of bottom flange

Accessories ordering information (optional)

Item No	No.	Specification	QTY
P22	1	8m light pole	1
P26	1	4m light pole	1
P27	1	6m light pole	1
P25	2	Embedded parts	1

ZY8705C Street Light

IP 66

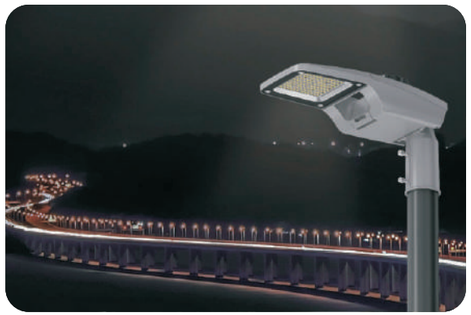


Application

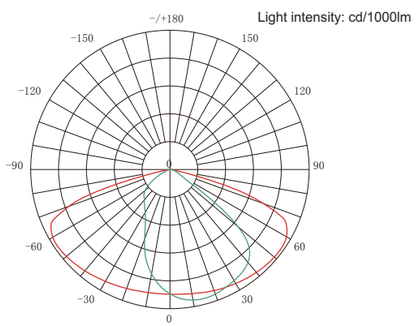
This product is widely used in municipal roads, factory roads, community roads, parks, courtyards, pedestrian walkways and other areas.

Characteristics

- High-pressure die-cast aluminum integrated housing, high strength and good heat dissipation;
- Tempered glass lens, high light efficiency, safe and reliable;
- Hollow design between light source and power cavity, greatly improving heat dissipation capacity;
- Tool-free cover opening structure, more convenient installation and maintenance;
- Protection grade IP66, suitable for various outdoor places;
- The mounting arm is suitable for flat and vertical installation.



Light distribution curve



Main Specification

Item	Technical Parameter
Input voltage range	90~264VAC
Rated frequency	50Hz/60Hz
Rated wattage	30W~240W
Light source	LED
CRI	70(80 optional)
CCT	4000K(3000K/5000K/6000K optional)
Suitable lamp pole interface diameter	60mm

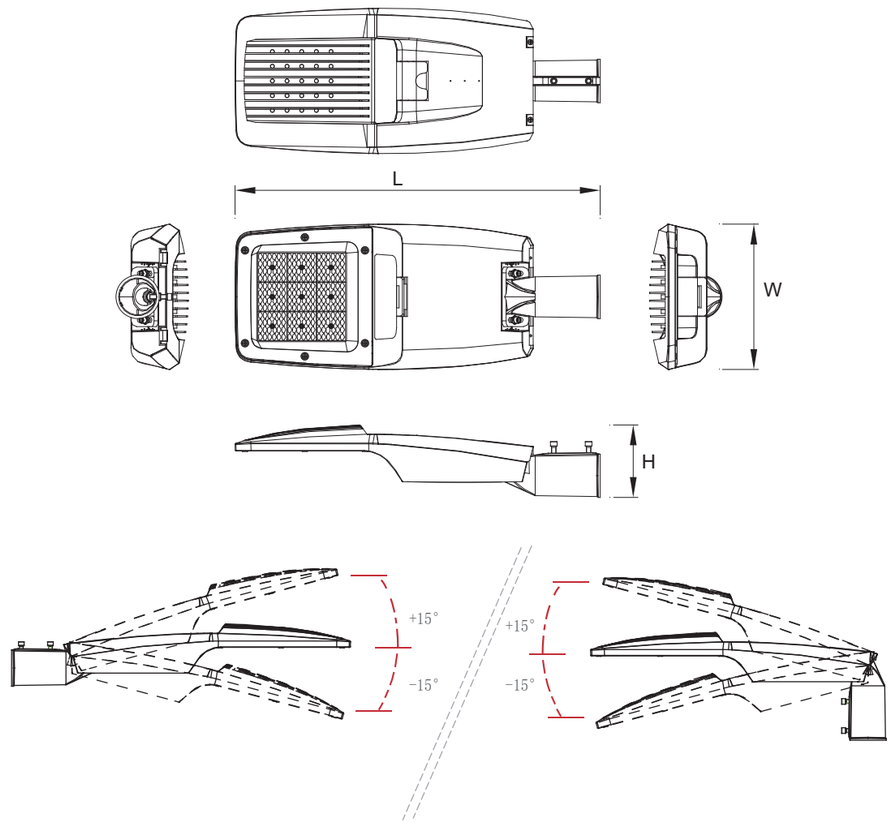
ZY8705C Street Light

Ordering Reference

Model number	Rated Wattage	Light output (lm)	Space height rate	Mounting height(m)	Net weight (Kg)	Dimensions (mm)	Equivalent to MH
ZY8705C-L30	30W	5700	3.5	3~5	4	498(L)×180(W)×115(H)	70W
ZY8705C-L50	50W	9500					70W
ZY8705C-L60	60W	11400		5~8			100W
ZY8705C-L80	80W	15200			5.5	629(L)×250(W)×125(H)	150W
ZY8705C-L100	100W	19000		6~10			175W~250W
ZY8705C-L120	120W	22800					250W
ZY8705C-L150	150W	28500		10~15	6.5	698(L)×280(W)×115(H)	300W
ZY8705C-L200	200W	38000			7	798(L)×280(W)×138(H)	400W
ZY8705C-L240	240W	45600					400W~650W

Conventional example: The order number of the lamp is ZY8705C-L30-5000K, the product model is ZY8705C, power is 30W power, Color temperature is 5000K

Installation And Selection



IP 65



Executive standard: GB7000/GB17625/GB17743



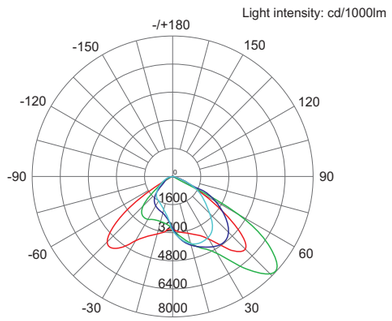
Application

This product is widely used in streets, roads, highways, squares, parks, and parking lots;
Suitable for places with the highest level of humidity protection.

Characteristics

- The light source power supply is heat-dissipated in a cavity, which has good heat dissipation effect and long lamp life, and is suitable for high temperature and high humidity outdoor environments;
- The lamp has high anti-vibration ability and is suitable for various factory road lighting;
- The lamp is light in weight and has a small windward area, which is suitable for outdoor use;
- The American Lumileds light source has an average luminous efficiency of up to 120lm/W, which saves more than 60% energy compared with metal halide lamps;
- The high-end brand (Mean Well, Inventec) aluminum shell glue-sealed outdoor dedicated power supply is selected, with a wide input range, constant current and constant voltage output, high power factor, high efficiency, two-stage PFC, and lightning surge resistance to ensure long-term stable and efficient output of the lamp;
- The protection level of the whole lamp is IP65, which can be used in various indoor and outdoor sand, dust or rain and fog environments for a long time.

Light Distribution Curve

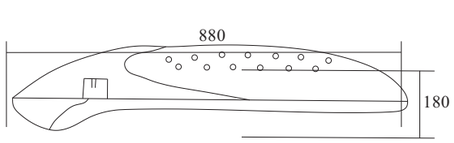


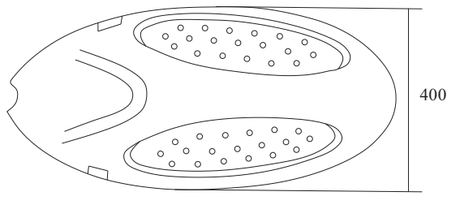
Average beam angle (50%) 80°

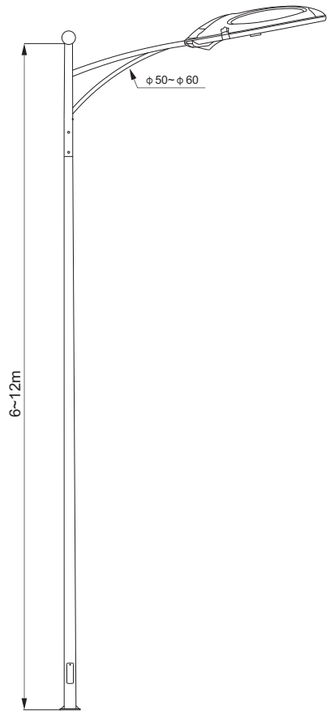
Main Specification

Item	Technical Parameter
Input voltage range	90~264VAC
Rated frequency	50Hz / 60Hz
Light source	LED
Rated wattage	60~150W
Light source lifetime	100,000hrs
CRI	Ra 70
CCT	5000K(Customized 3000K/4000K)
Dimension	880×400×180mm
Net weight	6.5kgs

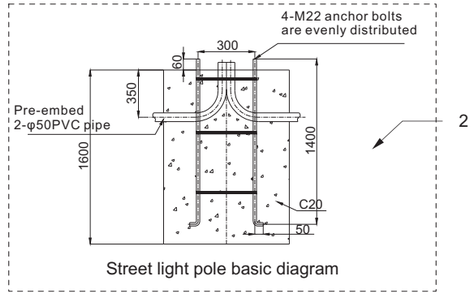
Installation and selection



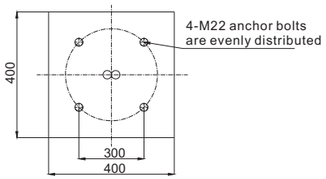




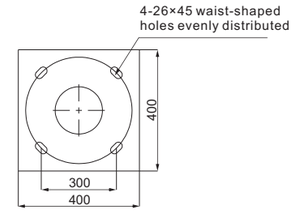
Single arm installation (light pole optional)
(Both rod type and size can be customized)



Street light pole basic diagram



Street light pole basic diagram



Schematic diagram of the bottom flange

Accessories ordering information (optional)

Ordering No.	Serial No.	Specification	QTY
P22	1	8m light pole	1
P23	1	7m light pole	1
P24	1	6m light pole	1
P25	2	Embedded parts	1

TORMIN ZY8705D Solar Street Light

IP 66

Ta 65

Ta -20



Application

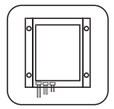
This product is widely used in main roads, secondary roads, branch lines, factory roads, small parks, courtyards, auxiliary roads, pedestrian passages and other areas inside and outside the factory.

Characteristics

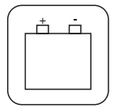
- Using high efficiency 5050 leds, more than 150lm/w.
- Adopting high efficiency monocrystalline silicon solar panel, conversion rate is more than 21%.Special plug connector wiring, tool free and waterproof, anti-wrong connection function.
- Grade A LiFePo4 battery, capacity is more than 80% after 2000 cycles.
- PWM and MPPT solar charger, intelligent to control the dimming by PIR/Motion sensor and timer.
- Horizontal or vertical pole installation, mounted angle is adjustable
- Double waterproof design, protection grade IP66.
- Tool free maintenance, battery box can be opened and easy to replace.



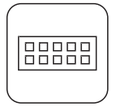
High efficiency solar panel



Efficient controller



LiFePO4 Battery



LED light source



ZY8705D-L30
(5100lm)



ZY8705D-L40
(6800lm)



ZY8705D-L50
(8500lm)



ZY8705D-L60
(10200lm)



ZY8705D-L80-A
(13600lm)



ZY8705D-L100-A
(17000lm)



ZY8705D-L80-B
(13600lm)



ZY8705D-L100-B
(17000lm)



ZY8705D-L120
(20400lm)



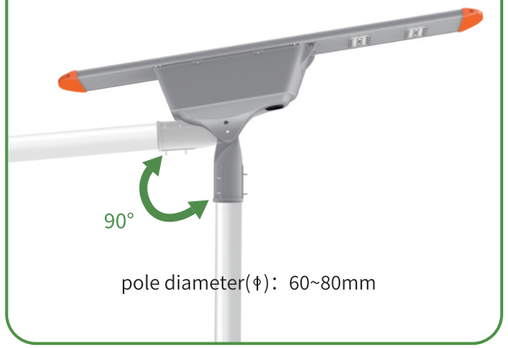
ZY8705D-L150
(25500lm)



ZY8705D-L200
(34000lm)

Installation and main function

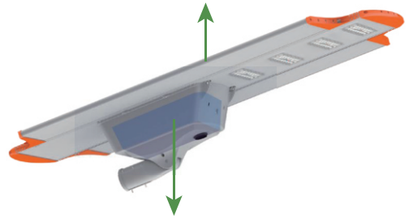
Installation



pole diameter(ϕ): 60~80mm

Super High Power

Max solar panel power 300W



Max battery capacity 3200WH

Adjustable Solar Panel



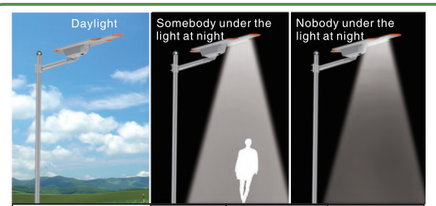
Increases bifoil solar panel can be adjusted to make the solar panels face the sun and improve the charging efficiency to the greatest extent.

Convenient Maintenance



Built-in rotating shaft for easy maintenance
All components can be easily replaced.

Sensor Control System



	Induction time	Somebody under the light	Nobody under the light
When the illumination is less than 10lux, it begins to work.	2H	100%	30%
	3H	50%	20%
	6H	20%	10%
	1H	30%	10%
Daylight	Automatic closing		

It can be set according to the requirements of customers.

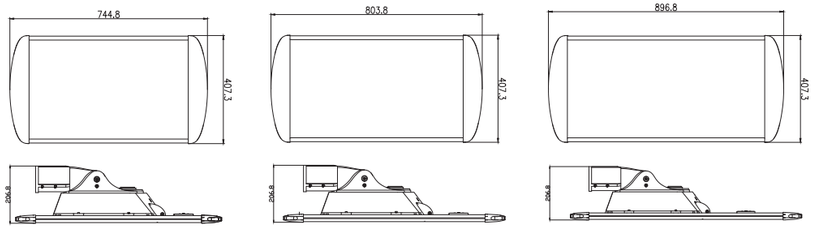
Main Specification

General Parameters

Item	Technical Parameter
LED Brand	San'an/Bridgelux Chip 5050 led
Light Distribution	II-S, II-M, III-M
CCT	2700K~6500K
Charge Time	6 Hours
Working Time	5-7 Days(Auto Control)
Protection Grade	IP66
Luminous Efficiency	>150Lm/W
Operating Temperature	-20℃ to 65℃
Material	Aluminum

Product Parameters and Dimensions

ITEM	ZY8705D-L30	ZY8705D-L40	ZY8705D-L50
Solar Panel Parameters	Monocrystalline 18V 40W	Monocrystalline 18V 50W	Monocrystalline 18V 60W
Battery Parameters	LiFePO4 12.8V 18AH	LiFePO4 12.8V 24AH	LiFePO4 12.8V 30AH
System Voltage	12V	12V	12V
Luminous Flux	5100 lm	6800 lm	8500 lm
Nominal Power	30W	40W	50W
As The Market Similar Solar Light Power	40W	50-60W	60-70W

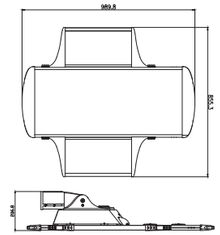


L*W*H:744.8*407.3*206.8mm
ZY8705D-L30

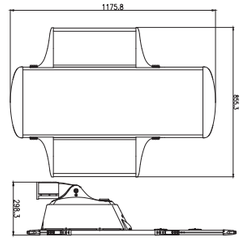
L*W*H:803.8*407.3*206.8mm
ZY8705D-L40

L*W*H:896.8*407.3*206.8mm
ZY8705D-L50

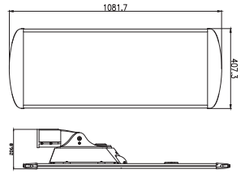
ITEM	ZY8705D-L60	ZY8705D-L80-A/B	ZY8705D-L100A/B
Solar Panel Parameters	Monocrystalline 18V 80W	Monocrystalline 18V 100W	Monocrystalline 36V 120W
Battery Parameters	LiFePO4 12.8V 36AH	LiFePO4 12.8V 42AH	LiFePO4 25.6V 24AH
System Voltage	12V	12V	24V
Luminous Flux	10200 lm	13600 lm	17000 lm
Nominal Power	60W	80W	100W
As The Market Similar Solar Light Power	70W	100W	120W



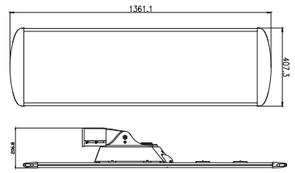
L*W*H:989.8*855.3*206.8mm
ZY8705D-L80-B



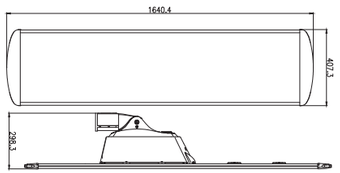
L*W*H:1175.8*855.3*298.3mm
ZY8705D-L100-B



L*W*H:1081.7*407.3*206.8mm
ZY8705D-L60

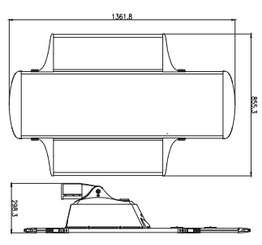


L*W*H:1361.1*407.3*206.8mm
ZY8705D-L80-A

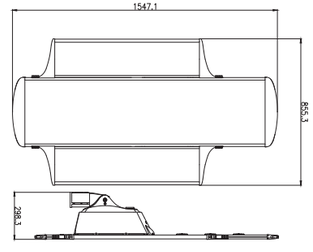


L*W*H:1640.4*407.3*206.8mm
ZY8705D-L100-B

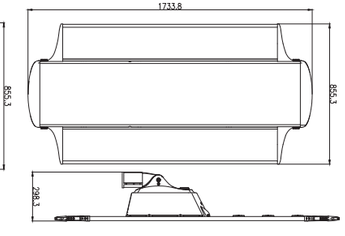
ITEM	ZY8705D-L120	ZY8705D-L150	ZY8705D-L200
Solar Panel Parameters	Monocrystalline36V150W	Monocrystalline36V180W	Monocrystalline36V240W
Battery Parameters	LiFePO4 25.6V 30AH	LiFePO4 25.6V 36AH	LiFePO4 25.6V 48AH
System Voltage	24V	24V	24V
Luminous Flux	20400 lm	25500 lm	34000 lm
Nominal Power	120W	150W	200W
As The Market Similar Solar Light Power	140W-150W	180W	240W



L*W*H:1361.8*855.3*298.3mm
ZY8705D-L120



L*W*H:1547.1*855.3*298.3mm
ZY8705D-L150



L*W*H:1733.8*855.3*298.3mm
ZY8705D-L200

ZY4200 Series Emergency Exit Light





Implementation standards: GB7000 GB17945



Application

- This product is widely used for safety exit indication and evacuation direction indication in in industrial areas;
- it is suitable for places with high moisture and corrosion protection level.

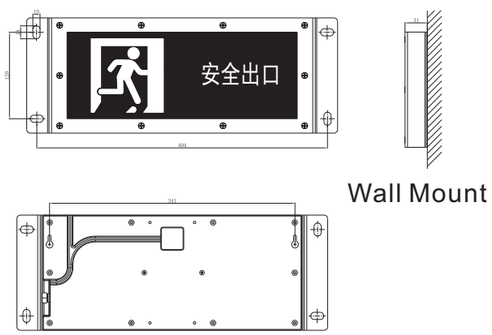
Characteristics

- It has a monthly inspection function, automatically discharges once a month, maintains the emergency working state for 120s, and automatically restores the main power state;
- The transparent parts have high light transmittance, the lamps are easy to install, and safe and reliable to use;
- The main components include the shell, light source assembly, circuit board, and two-core power cord, etc.;
- The protection level of the lamp shell is IP65, which can effectively resist heavy rain;
- It has an annual inspection function. It automatically switches from the main power to the emergency working state every other year and continues until the discharge ends, and then automatically restores the main power state.

Main Specification

Item	Technical Parameters
Input voltage	DC 24V/ DC 36V/ AC 220V
Rated wattage	3W
Emergency wattage	1W
Emergency time	⩾90min
Emergency conversion time	<5S
Light source	LED
Light source lifetime	100,000hrs
LIght output	80lm
Leading-in cable outer diameter	Suitable for ϕ6mm ~ϕ8mm
Dimensions	433mm×160mm×31mm
Net weight	1.6Kg

Installation Dimensions



TM-ZFZD-E6W-ZY5200 Fire emergency light



Executive standard: GB17945



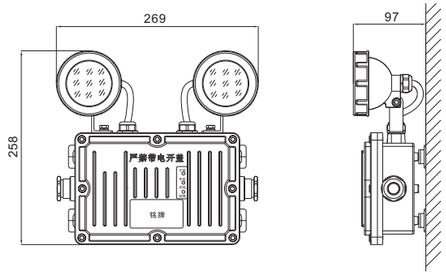
Application

- This product is widely used in emergency lighting;
- It is suitable for places with high requirements for moisture-proof, anti-corrosion, and protection levels.

Characteristics

- The lamp housing is made of high-strength aluminum alloy die-casting, and the surface is sprayed with high-voltage electrostatic plastic, which has strong anti-corrosion ability;
- The transparent cover is made of tempered glass, with high light transmittance, easy installation, safe and reliable use;
- The main components are metal, circuit board, and two-core power wire;
- The movement uses a special integrated circuit for fire emergency lamps;
- The protection level of the lamp housing is IP66, which can effectively withstand heavy rain;
- It has a monthly inspection function, which automatically discharges once a month, and the emergency working state is maintained for 120s, and the main power state is automatically restored;
- It has an annual inspection function, which automatically switches from the main power to the emergency working state every other year and continues until the discharge ends, and then automatically restores the main power state.

Installation dimension drawing



Main Specification

Item	Technical parameter
Rated voltage	AC 220V
Rated wattage	2X3W
Emergency time	⩾90min
Light source	LED
Lifetime of light source	100,000hrs
Lighting output	⩾50lm
Leading-in cable diameter	ϕ 9mm ~ ϕ 12mm
Dimension	269mm×258mm×97mm
Net weight	2.9Kg

ZY5322BJ Series
LED Emergency Light

IP 66

Ta 50

Ta -20



Characteristics

- Seawater resistant, anodized aluminum housing.
- Flexible light exit cover, soft and comfortable light.
- The whole lighting effect is over 105 lm/W.
- Ship-level anti-vibration test.
- Outdoor light diffusion material translucent cover, strong weather resistance.
- Independent junction box design, convenient wiring, can be used in parallel with multiple lamps.
- Exposed fasteners are all made of 304 stainless steel (Ocean platform requires custom 316 stainless steel).
- Attached with built-in Lithium-ion battery, emergency time could reach to 2 hours.

Application

Idea to be used in power distribution rooms, garages, corridors, flyovers and bridge cranes.

Main specification

Item	Technical Parameters
Input voltage (V)	90~264VAC
Rated frequency	50Hz / 60Hz
Rated wattage	20W/40W
Emergency wattage	15W/25W
Emergency time	120min(15W)/ 70min(25W)
Light source	LED
CRI (Ra)	70
CCT	5000K(3000K/4000K/6000K optional)

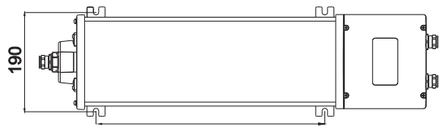
Ordering reference

Emergency Mode	Model number	Normal wattage (W)	Emer. wattage (W)	Normal/ Emergency Light output (lm)	Mounting height (m)	Net Weight (kgs)	Size (mm)	Mounted type	Number of cable inlets	Equivalent to MH
Normal + Emergency	ZY5322BJ-L20-15	20W	15W	2000 (Normal)/ 1500 (Emer)	2~5m	3.4	720× 182× 68	S1 Bracket mounted S2 Side wall mounted S3 Guardrail installation S4 Flange mounting	E1(one cable inlet) E2(two cable inlets)	35W
	ZY5322BJ-L40-15	40W	15W	4200(Normal)/ 1500 (Emer)	2~5m	3.4				100W/35W
	ZY5322BJ-L40-25	40W	25W	4200 (Normal)/ 2500 (Emer)	2~5m	3.4				100W/70W
Pure Emergency	ZY5322BJ-L-15	/	15W	1500 (Emer)	2~5m	3.2				/35W
	ZY5322BJ-L-25	/	25W	2500 (Emer)						/70W

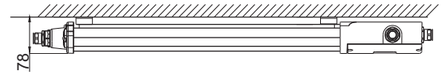
Example: Model number: ZY5322BJ-L40-15-5000K-S2-E1, ZY5322BJ is the product model, 40W as normal power, 15W as emergency power, 5000K as color temperature, sidewall type as installation method, 1 nos cable inlet.

Drawing of dimension (Dimensions in mm)

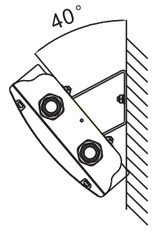
1. **Bracket mounting(Standard)**



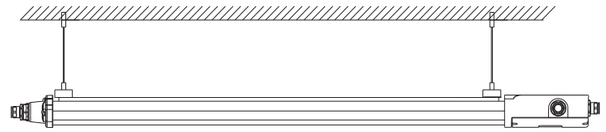
435Max(adjustable distance)



2. Side wall mounting (40 degree)



3. Hanging chain mounting



ZY8101A ZY8101B
LED Emergency Floodlight

IP 66
Ta 50
Ta -25





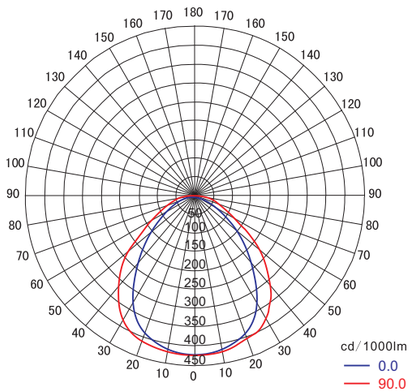
Application

It is ideal to use in the factory, railway station, workshop, large storage, gym, large scale building area, tunnel and laneway as emergency illumination.

Characteristics

- Type A: usually can be used for 24 hours lighting lamps and lanterns to use, when the accident to provide emergency lighting;
- Type B: accident to provide emergency lighting.
- Apply the design of lens with different angles, make irradiation surface wider, fully effective use of light. Illumination uniformity, no glare, does not cause eyestrain of workers, improve work efficiency.
- Radiator adopt fin structure design, light source adopt decentralized layout and separate structure of power, long-term suitable for operating environment with high temperature and high humidity.
- It adopts American CREE LED as light source, no dark zone in light spot, can save 60% or more on energy than the metal halide lamp.
- Equipped with electrical appliance of Meanwell or similar quality power driver AC- DC wide voltage constant power supply, power factor up to 0.98.
- The locking device on the bracket will keep the lamp from shift or trembling during harsh vibration.
- Housing made of aluminum alloy, all exposed fasteners adopt 304 stainless steel. using high-tech anti-corrosion surface treatment technology, suitable for a variety of harsh industrial operating environment.
- According to user needs, achieve a variety of intelligent control.

Light Distribution Curve



Main Specification

Item	Technical Parameters
Input voltage (V)	90~264VAC
Life time (h)	100,000
Rated frequency	50Hz / 60Hz
Time of charging (h)	>6
Rated capacity	2.6Ah/14.8V
Cable entry	G3/4″
Leading-in cable diameter	Φ6mm~ Φ8mm
Dimension (mm)	326×326×75
Net weight (kg)	5.5

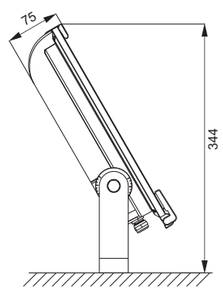
ZY8101A ZY8101B
LED Emergency Floodlight

Ordering Reference

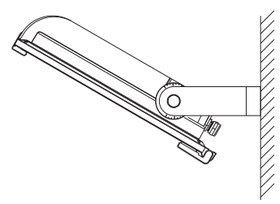
Model number	Rated wattage (W)	Emergency wattage (W)	Emergency light output (lm)	Emergency duration (min)	Mounting height (m)	Equivalent to MH
ZY8101A-L25-15	25W	15W	1800	120min	2~5	70W/35W
ZY8101A-L40-15	40W	15W	1800	120min		100W/35W
ZY8101A-L60-15	60W	15W	1800	120min	3~8	150W/35W
ZY8101A-L25-25	25W	25W	3000	70min	2~5	70W/70W
ZY8101A-L40-25	40W	25W	3000	70min		100W/70W
ZY8101A-L60-25	60W	25W	3000	70min	3~8	150W/70W
ZY8101B-15	/	15W	1800	120min	2~5	35W
ZY8101B-25	/	25W	3000	70min		70W

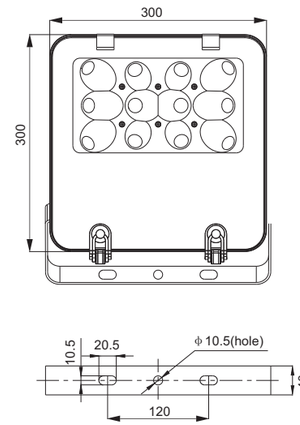
Drawing of Dimension (Dimensions in mm)

Seat mounting



Side wall mounting





Installation dimension

ZY8603AP/BP
LED Emergency Light(Pole)

LM79
LM84
IP 66
Ta 50
Ta -25



ZY8603AP/BP



ZY8603A1P/B1P

Characteristics

- It is made using a special aluminum housing, suitable for long-term highly corrosive environment of offshore platforms, chlor-alkali, vulcanization cyanide a full range of high conductivity material accelerate convection cooling structure, effective guarantee long term use in high temperature environments. variety of light distribution, variety of installation types, an effective solution to beautify workshop and device platform.
- The shell is made of high-tech surface coating technology, corrosion resistant, waterproof and dust proof, suitable for harsh environments.
- Imported light lens, high luminous efficiency, low-light failure, reliability ranking first in the same light source.
- Independent wiring chamber, safe and easy installation and maintenance.
- All exposed fasteners adopt 304 stainless steel.
- Type A: usually can be used for 24 hours lighting lamps and lanterns to use, when the accident to provide emergency lighting;
  Type B : accident to provide emergency lighting.
- B type A type with manual emergency function.

Application

It is suitable for emergency lighting in the installation platform, water control room, fire pump room and other places.

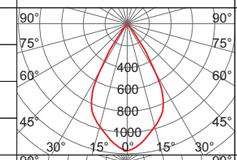
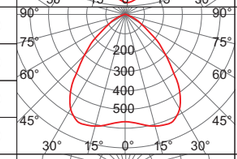
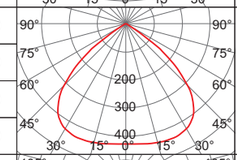
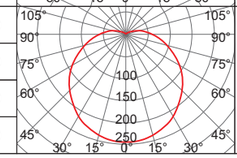
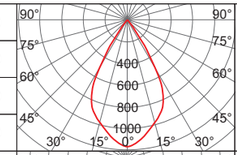
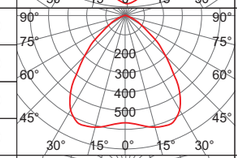
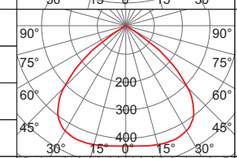
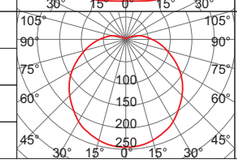


Main Specification

Item	Technical Parameters	
Type	ZY8603AP/ BP	ZY8603A1P/ B1P
Input voltage (V)	90~264VAC	
Rated frequency	50Hz/ 60Hz	
Light source	LED	
CRI (Ra)	70(80 optional)	
Life time (h)	50,000	
CCT	4000K(3000K/5000K optional)	
Leading-in cable diameter	ϕ10~ ϕ14mm	
Terminals	Multi core: ≤2.5mm ^{2}	
	Single core: ≤4mm ^{2}	
Time of charging (h)	>6	>12
Rated capacity	2. 6Ah / 14. 8V	5.2Ah / 14. 8V
Dimension (mm)	ϕ230×240	ϕ230×260
Net weight (kg)	4.2	5.2

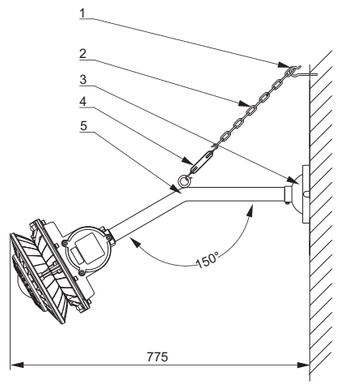
ZY8603AP/BP
LED Emergency Light(Pole)

Ordering Reference

Model number	Picture	Rated wattage (W)	Emergency wattage (W)	Emergency duration (min)	Emergency light output (lm)	Light distribution curve(1000cd/lm)	Space height ratio	Equivalent to MH
ZY8603AP-L40-15-60°		40W	15W	120min	1800		0.9	100W / 35W
ZY8603AP-L40-25-60°		40W	25W	70min	3300			100W / 70W
ZY8603A1P-L40-15-60°		40W	15W	240min	1800			100W / 35W
ZY8603A1P-L40-25-60°		40W	25W	140min	3300			100W / 70W
ZY8603AP-L40-15-80°		40W	15W	120min	1800		1.35	100W / 35W
ZY8603AP-L40-25-80°		40W	25W	70min	3300			100W / 70W
ZY8603A1P-L40-15-80°		40W	15W	240min	1800			100W / 35W
ZY8603A1P-L40-25-80°		40W	25W	140min	3300			100W / 70W
ZY8603AP-L40-15-100°		40W	15W	120min	1800		1.4	100W / 35W
ZY8603AP-L40-25-100°		40W	25W	70min	3300			100W / 70W
ZY8603A1P-L40-15-100°		40W	15W	240min	1800			100W / 35W
ZY8603A1P-L40-25-100°		40W	25W	140min	3300			100W / 70W
ZY8603AP-L40-15-200°		40W	15W	120min	1400		1.75	100W / 35W
ZY8603AP-L40-25-200°		40W	25W	70min	2600			100W / 70W
ZY8603A1P-L40-15-200°		40W	15W	240min	1400			100W / 35W
ZY8603A1P-L40-25-200°		40W	25W	120min	2600			100W / 70W
Auto Emergency								
ZY8603BP-15-60°		/	15W	120min	1800		0.9	35W
ZY8603BP-25-60°		/	25W	70min	3300			70W
ZY8603B1P-15-60°		/	15W	240min	1800			35W
ZY8603B1P-25-60°		/	25W	140min	3300			70W
ZY8603BP-15-80°		/	15W	120min	1800		1.35	35W
ZY8603BP-25-80°		/	25W	70min	3300			70W
ZY8603B1P-15-80°		/	15W	240min	1800			35W
ZY8603B1P-25-80°		/	25W	140min	3300			70W
ZY8603BP-15-100°		/	15W	120min	1800		1.4	35W
ZY8603BP-25-100°		/	25W	70min	3300			70W
ZY8603B1P-15-100°		/	15W	240min	1800			35W
ZY8603B1P-25-100°		/	25W	140min	3300			70W
ZY8603BP-15-200°		/	15W	120min	1400		1.75	35W
ZY8603BP-25-200°		/	25W	70min	2600			70W
ZY8603B1P-15-200°		/	15W	240min	1400			35W
ZY8603B1P-25-200°		/	25W	140min	2600			70W

Drawing of Dimension (Dimensions in mm)

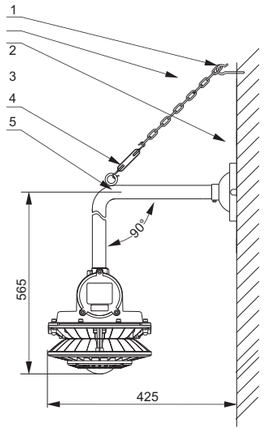
Wall mounting 150°



Accessories order information(Wall mounting 150°)

Order number	No.	Specification	Quantity
P15	1	Expansion screw hook	1
	2	Chain	1
	3	C-C turn buckle	1
	4	G3/4" bend pipe 150Degree	1
	5	Sucker	1

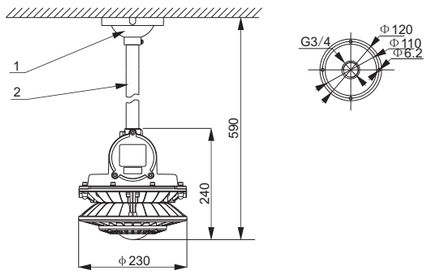
Wall mounting 90°



Accessories order information(Wall mounting 90°)

Order number	No.	Specification	Quantity
P16	1	Expansion screw hook	1
	2	Chain	1
	3	C-C turn buckle	1
	4	G3/4" bend pipe 90Degree	1
	5	Sucker	1

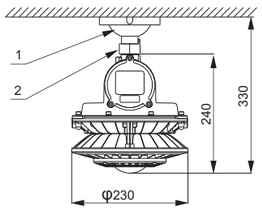
Pole mounting



Accessories order information(Pole mounting)

Order number	No.	Specification	Quantity
P14	1	G3/4" pole 30cm	1
	2	Sucker	1

Ceiling mounting

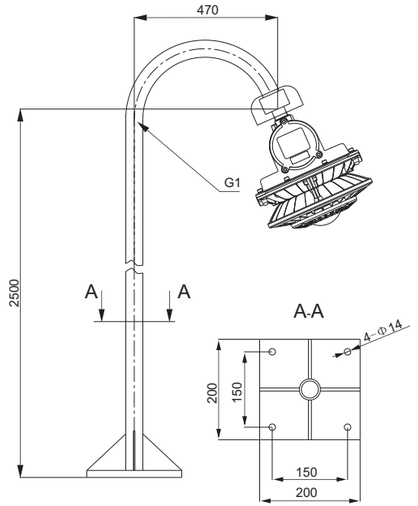


Accessories order information(Ceiling mounting)

Order number	No.	Specification	Quantity
P17	1	Sucker	1
	2	Adapter G3/4"(internal-external)	1

ZY8603AP/BP
LED Emergency Light(Pole)
TORMIN

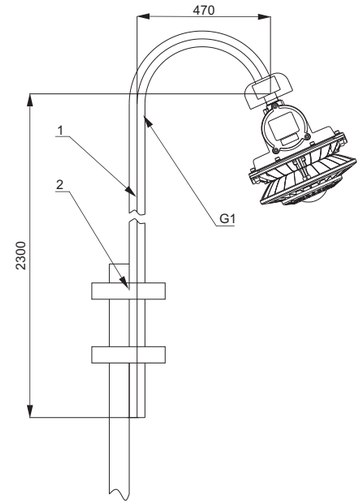
Flange mounting



Accessories order information(Flange mounting)

Order number	No.	Specification	Quantity
P06	1	Flange pole	1

Guardrail mounting



Accessories order information(Guardrail mounting)

Order number	No.	Specification	Quantity
P05	1	Fence pole	1
	2	U type bolts	2

ZY8603AS/BS
LED Emergency Light(Bracket)

CE

LM79
LM84

IP 66

Ta 50

Ta -25



ZY8603AS/BS



ZY8603A1S/B1S

Characteristics

- It is made using a special aluminum housing, suitable for long-term highly corrosive environment of offshore platforms, chlor-alkali, vulcanization cyanide a full range of high conductivity material accelerate convection cooling structure, effective guarantee long term use in high temperature environments. variety of light distribution, variety of installation types, an effective solution to beautify workshop and device platform.
- The shell is made of high-tech surface coating technology, corrosion resistant, waterproof and dust proof, suitable for harsh environments.
- Imported light lens, high luminous efficiency, low-light failure, reliability ranking first in the same light source.
- Independent wiring chamber, safe and easy installation and maintenance.
- All exposed fasteners adopt 304 stainless steel.
- Type A: usually can be used for 24 hours lighting lamps and lanterns to use, when the accident to provide emergency lighting;
  Type B : accident to provide emergency lighting.
- B type A type with manual emergency function.

Application

It is suitable for emergency lighting in the installation platform, water control room, fire pump room and other places.

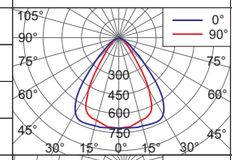
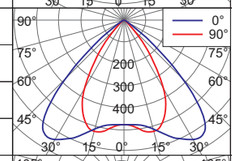
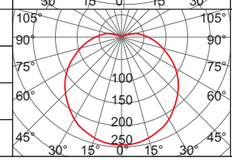
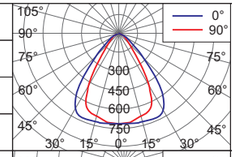
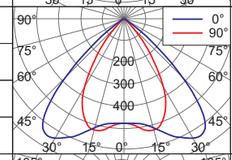
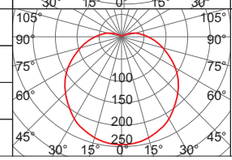


Main specification

Item	Technical Parameters	
Type	ZY8603AS/BS	ZY8603A1S/B1S
Input voltage (V)	90~264VAC	
Rated frequency	50Hz / 60Hz	
Light source	LED	
CRI (Ra)	70(80 optional)	
Life time (h)	50,000	
CCT	4000K(3000K/5000K optional)	
Leading-in cable diameter	ϕ6mm~ ϕ12mm	
Terminals	Multi core: ≤2.5mm ^{2}	
	Single core: ≤4mm ^{2}	
Recharge time	>6h	>12h
Rated capacity	2. 6Ah / 14. 8V	5.2Ah / 14. 8V
Dimension (mm)	260×245×270	260×265×270
Net weight (kg)	4.9	6.3

ZY8603AS/BS
LED Emergency Light(Bracket)
TORMIN

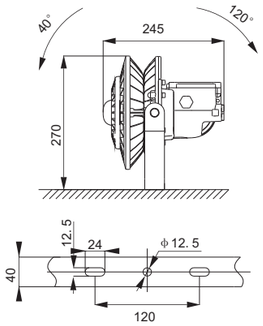
Ordering Reference

Model number	Picture	Rated wattage (W)	Emergency wattage (W)	Emergency duration (min)	Emergency light output (lm)	Light distribution curve(1000cd/lm)	Space height ratio	Equivalent to MH
ZY8603AS-L40-15-60°×80°		40W	15W	120min	1800		1.25	100W / 35W
ZY8603AS-L40-25-60°×80°		40W	25W	70min	3300			100W / 70W
ZY8603A1S-L40-15-60°×80°		40W	15W	240min	1800			100W / 35W
ZY8603A1S-L40-25-60°×80°		40W	25W	140min	3300			100W / 70W
ZY8603AS-L40-15-90°×110°		40W	15W	120min	1700		1.75	100W / 35W
ZY8603AS-L40-25-90°×110°		40W	25W	70min	3100			100W / 70W
ZY8603A1S-L40-15-90°×110°		40W	15W	240min	1700			100W / 35W
ZY8603A1S-L40-25-90°×110°		40W	25W	140min	3100			100W / 70W
ZY8603AS-L40-15-200°		40W	15W	120min	1400		1.75	100W / 35W
ZY8603AS-L40-25-200°		40W	25W	70min	2600			100W / 70W
ZY8603A1S-L40-15-200°		40W	15W	240min	1400			100W / 35W
ZY8603A1S-L40-25-200°		40W	25W	140min	2600			100W / 70W
Auto Emergency								
ZY8603BS-15-60°×80°		/	15W	120min	1800		1.25	35W
ZY8603BS-25-60°×80°		/	25W	70min	3300			70W
ZY8603B1S-15-60°×80°		/	15W	240min	1800			35W
ZY8603B1S-25-60°×80°		/	25W	140min	3300			70W
ZY8603BS-15-90°×110°		/	15W	120min	1700		1.75	35W
ZY8603BS-25-90°×110°		/	25W	70min	3100			70W
ZY8603B1S-15-90°×110°		/	15W	240min	1700			35W
ZY8603B1S-25-90°×110°		/	25W	140min	3100			70W
ZY8603BS-15-200°		/	15W	120min	1400		1.75	35W
ZY8603BS-25-200°		/	25W	70min	2600			70W
ZY8603B1S-15-200°		/	15W	240min	1400			35W
ZY8603B1S-25-200°		/	25W	140min	2600			70W

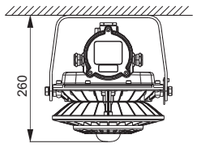
ZY8603AS/BS LED Emergency Light(Bracket)

Drawing of Dimension (Dimensions in mm)

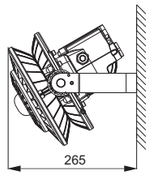
Seat mounting



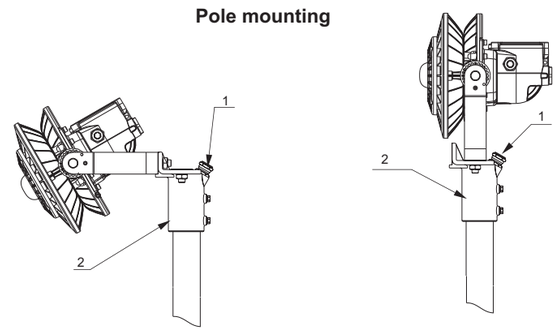
Ceiling mounting



Side wall mounting



Pole mounting



Accessories ordering information(optional)

Order number	No.	Specification	Quantity	Note
P07	1	Water proof plug M20	1	φ8~φ12mm cable
	2	Vertical Mounting pole	1	Φ40~φ50mm pole

ZY8810 LED Emergency Light

IP 65

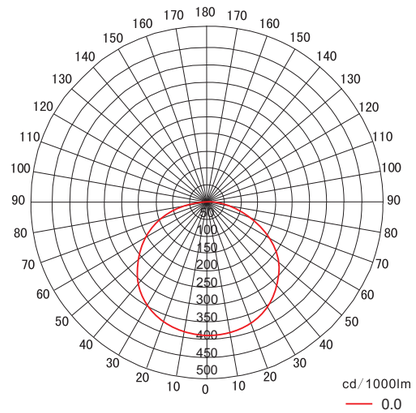
Ta 50

Ta -25





Light Distribution Curve



Application

Suitable for on-site control room, operation room, mezzanine, hallway, trench, staircase, and other small spaces as emergency evacuation lighting or accident emergency lighting.

Characteristics

- Automatic emergency: after power failure automatically switch to battery-powered lamps provide continuous lighting after power failure.
- Manual emergency: after power failure lamps do not automatically switch to battery power, you need to toggle through external switch or push-button switch on the lamp.
- Normal lighting + emergency lighting: usually can be used as ordinary lamps, power failure, used to provide emergency lighting.
- Emergency lighting: provide emergency lighting at the time of the accident. With power failure simulation test function, you can quickly test fixture installation functionality.
- Pure emergency lighting function: Press the red switch on the lamp when power is on, and then switch to pure emergency mode after extinguishing the light source (only emergency lighting is provided).
- American Lumileds light source, the overall lighting efficiency is as high as 100lm / W, which is more than 60% energy saving compared with metal halide lamps.
- Efficient radiators effectively solve the problem of LED light decay caused by temperature rise.
- The shell is made of light alloy material, which is wear-resistant, corrosion-resistant, waterproof, and dustproof.
- The transparent parts are made of optical PC materials, with high light transmittance and good impact resistance, which can make the lamps work normally in various harsh environments.
- The emergency power supply uses a lithium battery, which is safe, efficient, and has a long service life.

Main Specification

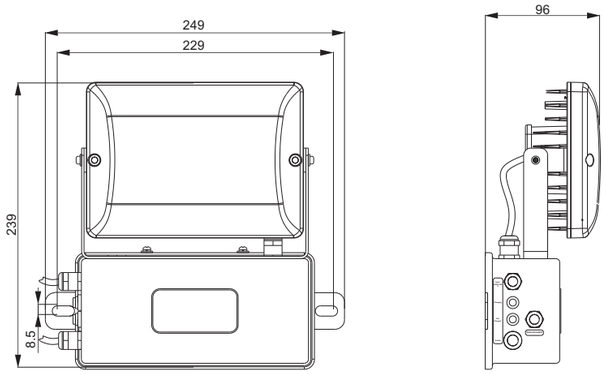
Item	Technical Parameters	
Type	ZY8810-L12	ZY8810-L6
Input voltage (V)	90~264VAC	
Rated frequency	50Hz / 60Hz	
Life time (h)	50,000	
CRI(Ra)	70	
CCT	5000K(3000K/ 4000K optional)	
Time of recharge (h)	10h	6h
Rated capacity	5.2Ah/14.8V	2.6Ah/14.8V
Battery recharge cycle (time)	≈1000	
Dimension (mm)	180×130×65	
Net weight (kg)	2	

ZY8810 LED Emergency Light

Ordering reference

Model number	Rated wattage (W)	Emergency wattage (W)	Emergency duration (h)	Light output of light source(lm)	Mounting height (m)	Equivalent to Fluorescent lamp
ZY8810-L12	12W	6W	>10h	1800	2~5	28W
ZY8810-L6	6W	4W	>10h	900		18W

Drawing of Dimension (Dimensions in mm)



ZLQ3140 Series Emergency Box



Application

- This product is widely used for wide-angle lighting, industrial workshops, power plants, substations, tunnels and other places for work lighting;
- Suitable for places with high humidity, corrosion resistance and protection requirements.

Characteristics

- Adopt engineering plastic shell and 304 stainless steel fastern, with excellent anti-corrosion performance;
- Adopting labyrinth waterproof sealing structure, the shell protection level reaches IP66, which can effectively resist heavy rain and is suitable for various harsh industrial working environments;
- A variety of emergency modes, suitable for a variety of lamps and various different places.

Applicable light type



ZY5323 ZM1200 ZY8601



ZY8607 ZY9710 ZY8106



ZY8102D ZY8507

Main Specification

Item	ZLQ3140-L50-L5	ZLQ3140-L40-L15/25	ZLQ3140-L5/10	ZLQ3140-L15/25
Rated voltage	AC 100~240V			
Lighting wattage	50W	40W	≤200W	≤200W
Emergency wattage	5W	15/25W	5/10W	15/25W
Suitable light source voltage	DC 27~54V	DC 30~40V	DC 3~42V	DC 36V/DC 54V
Emergency time	≥90min	≥180min/≥90min	≥180min/≥90min	≥180min/≥90min
Battery voltage	7.4V	14.8V	7.4V	14.8V
IP code	IP66			
Ambient temperature	-25℃~+55℃			
Suitable cable diameter	Φ4～Φ8mm / Φ6～Φ12mm(Could be customized)			
Size	220×150×75mm			
Installation angle	360°			
Net weight	1.5Kg			

ZW3220 Portable Work Light







Floodlight Mode



Spotlight Mode

Application

This product is widely used in the field mobile lighting of construction and emergency repair projects in railways, power grids and other industries; Suitable for places with high requirements for moisture resistance and corrosion resistance.

Characteristics

- Adopt scientific light distribution design, high efficiency of the lamp, and the illuminance at 5 meters of concentrated light is greater than 6000 Lux;
- The lamp holder is positioned at any angle in three dimensions, and the spotlight and floodlight lighting modes can be switched at will to meet the lighting needs of a variety of places;
- With battery power display function, easy to use;
- Professional anti-vibration structure design, good anti-vibration and impact performance;
- Fully sealed design to ensure long-term reliable use of the lamp in any harsh environment;
- The protection level reaches IP65, which can effectively resist heavy rain;
- Small size, light weight, simple operation and easy maintenance.

Main Specification

Specification		Unit	Value
Rated wattage		W	27
Rated Voltage		V	14.8
Rated capacity		Ah	10
Light source (LED)	Operating cell voltage	V	12
	Average service life	h	100,000
Continuous lighting time	High	h	8
	Low	h	16
Time of Charging		h	8~10
Service life of battery		Recycle	≈1000
Dimension		mm	255×200×600
Net weight		Kg	6.1

ZW3230 LED Portable Light

LED

IP 65



Application

Suitable for small-scale operation lighting in construction sites of railways (works, electricity, power supply, train services), public consumption, network power and other industrial area.

Characteristics

- Integrated design of the lamp. The holder can be stored into the lamp box. It can be hand-held or carried on the back.
- The lamp head can be raised to 1.5 meters and the lamp holder rotates within a range of 340 degrees horizontally and 80 degrees vertically to meet various application.
- The light has spot light and flood light. It can realize the functions of stepless dimming and signal warning.
- Equipped with USB charging output interface, which can charge mobile phones, cameras, IPAD and other digital devices.
- American CREE light source, high brightness and long service life.

Main Specification

Specification		Unit	Value
Battery rated voltage/ Rated capacity		V/ Ah	DC21.6/ 13
Light source (LED)	Rated power	W	35
	Average lifetime	h	100,000
	CCT	K	5000~6000
Beam angle	Horizontal direction	Degree	0~340
	Vertically direction	Degree	0~360
Lighting form		/	Spot/ Flood
Continuous lighting time		h	⩾8
Charger input voltage		V	AC220
Warning light color		/	Red/ Yellow
Battery lifetime		Cycle	>500
Charging time		h	⩽6
Dimensions (Length×Width×Height)	Contracted state	mm	510×290×220±20
	Raised state	mm	510×290×1500±30
Net weight		Kg	8
Ingress protection	Lamp	/	IP65
	Box	/	IP54

ZW3320A Remote Control Searchlight

HID

IP 65

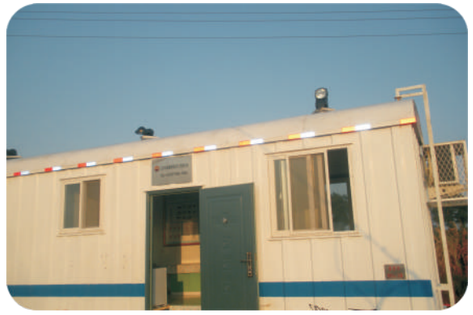


Characteristics

- Adsorption installation, wireless control, easy and fast to use
- As the speed of 80km / h, the lamps remain firmly attached to the roof of vehicles.
- 30 meters remote control distance, remote control rotation within 350 degrees horizontal and 170 degrees vertical
- Car charger can be directly connected and used with 220V converter
- 35W xenon light source, high illumination, long irradiation distance
- 9 ~ 28V wide voltage input, all 12V / 24V engineering vehicles are universal

Application

It is ideal to be used in the wild, road or on the sea for searching, patrol, rescue etc.



Main Specification

Specification	Unit	ZW3320A
Rated voltage	V	DC(9~28V)
Rated power	W	35W
Light output (high/low)	lm	3200
Service life of bulb	h	12000
Remote charge distance	m	⩾30
Horizontal turning angle	Degree	0~360
Vertical turning angle		0~180
Dimension	mm	370×315×187
Net weight	kg	4.6



Adaptor



Controller

ZW3500D All-dimensional Remote Control Light Tower (LED)

LED

IP 65



Controller

25°

60°×80°

Application

This product is suitable for a variety of large-scale construction work, maintenance repair, incident handling and disaster relief work site, high brightness lighting needs

Characteristics

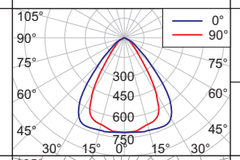
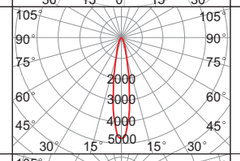
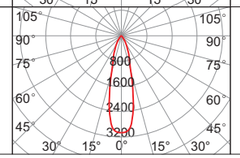
- 2* 240W of LED lamp light efficiency up to 120lm/W, can replace two 400W metal halide lamp, energy consumption reduced by 60%. Imported LED light source, seismic performance under vibration
- environment, life is 10 times more than traditional metal halide lamp. Wireless remote control + manual control: can remote control lifting poles and lamps with 30m, the switch on the generator also can be
- used to achieve the same functionality Full- cycle thermal design, suitable for hot and humid environment; the up and down ventilation fin structure, can avoid dust.
- Using the same grade or brand Meanwell AC and DC wide voltage constant power supply, power factor up to 0.98.
- Lighting angle locking device is provided to ensure vibration environments irradiation direction is not displaced.
- The bottom of the generator set is equipped with casters, can turn 360°.
-

Main Specification

Item		Technical Parameters	
Type		ZW3500D-18°/25°	ZW3500D-60×80°
Generator fullfill continuous working time		13h	
Lifter	Minimum height	1.75m	
	The maximum rise height	4.5m	
Generators	Rated output power / fuel rated capacity	2000W / 15L	
Size	length ×width×height	1500 ×500×800mm	
Weight	Lamp+lamp panel	15Kg	14Kg
	Lifter	9Kg	
	Generator set	45Kg	

ZW3500D All-dimensional Remote Control Light Tower (LED)

Ordering Reference

Model number	Rated voltage (V)	Rated Wattage (W)	Light output (lm)	Light average life (h)	Light distribution curve（1000cd/lm）	Equivalent to Metal Halide
ZW3500D-L150×2-60°×80°	220VAC	150×2	17300×2	50000		400W×2
ZW3500D-L240×2-60°×80°		240×2	26700×2			400W×4
ZW3500D-L150×2-18°		150×2	14600×2	50000		400W×2
ZW3500D-L240×2-25°		240×2	20300×2	50000		400W×4



ZW3500E All-dimensional Remote Control Light Tower (LED)

LED

IP 65



Application

This product is suitable for a variety of large-scale construction work, maintenance repair, incident handling and disaster relief work site, high brightness lighting needs.

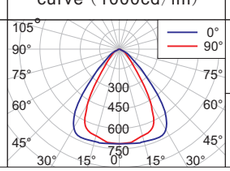
Characteristics

- 4* 240WLED lamp light efficiency up to 120lm / W, can replace 4-6 pieces 400W Metal Halide Light, reduce energy consumption by 60%.2000W generator can replace the traditional 5000W generator , reduce costs.
- Use imported LED light source, seismic performance, under vibration environment, lifetime is 10 times more than traditional metal halide lamp.
- Wireless remote control + manual control: can remote control lifting poles and lamps with 30m,the switch on the generator also can be used to achieve the same functionality
- Full-cycle thermal design, suitable for hot and humid environment; the up and down ventilation fin structure, can avoid dust
- Using the same grade or brand Meanwell AC and DC wide voltage constant power supply, power factor up to 0.98
- Lighting angle locking device is provided to ensure vibration environments irradiation direction is not displaced
- The bottom of the generator set is equipped with casters, can 360 ° rotation in any direction

Main Specification

Item		Technical Parameters
Type		ZW3500E-60×80°
Generator fulfill continuous working time		13h
Lifter	Minimum height	1.75m
	The maximum rise height	4.5m
Generators	Rated output power / fuel rated capacity	2000W / 15L
Size	length × width × height	1500 ×500×800mm
Weight	Lamp+lamp panel	18Kg
	Lifter	9Kg
	Generator set	45Kg

Ordering Reference

Model number	Rated voltage (V)	Rated wattage (W)	Light output (lm)	Light average life (h)	Light distribution curve（1000cd/lm）	Equivalent to Metal Halide
ZW3500E-L150×4-60°×80°	220VAC	150×4	17300×4	50000		400W×4
ZW3500E-L240×4-60°×80°		240×4	26700×4			400W×8

ZW3500F All-dimensional Remote Control Light Tower (LED)

LED

IP 65



Application

This product is suitable for a variety of large-scale construction work, maintenance repair, incident handling and disaster relief work site, high brightness lighting needs.

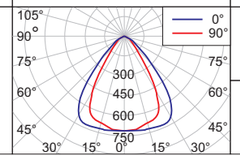
Characteristics

- 4*100W LED lamp luminous efficiency up to 120lm / W, can replace 4*1000W halogen lamp, energy consumption can be reduced 90%
- 2000W generator can replace the traditional 5000W generator , reduce costs. Use imported LED light source, seismic performance, under vibration environment, lifetime is 10 times more than traditional metal halide lamp.
- Wireless remote control + manual control: can remote control lifting poles and lamps with 30m,the switch on the generator also can be used to achieve the same functionality
- Full-cycle thermal design, suitable for hot and humid environment; the up and down ventilation fin structure, can avoid dust
- Using the same grade or brand Meanwell AC and DC wide voltage constant power supply, power factor up to 0.98
- Lighting angle locking device is provided to ensure vibration environments irradiation direction is not displaced
- The bottom of the generator set is equipped with casters, can 360 ° rotation in any direction.

Main Specification

Item		Technical Parameters
Type		ZW3500F
Generator fulfill continuous working time		13h
Lifter	Minimum height	1.75m
	The maximum rise height	4.5m
Generators	Rated output power / fuel rated capacity	2000W/15L
Size	length × width × height	1500 ×500×800mm
Weight	Lamp+lamp panel	19Kg
	Lifter	9Kg
	Generator set	45Kg

Ordering Reference

Model number	Rated voltage (V)	Rated wattage (W)	Light output (lm)	Light average life (h)	Light distribution curve（1000cd/lm）	Equivalent to HID
ZW3500F-L60×4-60°×80°	220VAC	60×4	6500×4	100000		4×500W
ZW3500F-L100×4-60°×80°		100×4	9000×4			4×1000W

ZW3500H All-dimensional Remote Control Light Tower (LED)

LED

IP 65



Application

This product is an all-round remote control floodlight work light, which is suitable for various large-scale construction operations, maintenance and repairs, accident handling and rescue and disaster relief work sites that require large-area, high-brightness lighting.
Applicable to places with high humidity and anti-corrosion protection level.

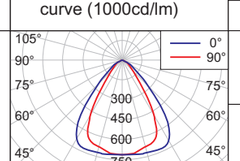
Characteristics

- Four 150W LED lamp heads have a luminous efficiency of up to 120lm/W, which can replace four 1000W halogen lamps, which can reduce energy consumption by 90%. The original 5000W generator can be replaced by a 2000W generator, which reduces the purchase cost by 40% and fuel consumption by 60%;
- Imported LED light source is used, which has good shock resistance, and its lifespan is more than 10 times that of traditional metal halide lamps in a vibration environment.
- All-round self-circulating heat dissipation design, suitable for long-term high-temperature and high-humidity operating environment; upper and lower ventilation fin structure, no dust accumulation;
- The lamp is equipped with an angle locking device to ensure that the irradiation direction does not shift in the vibration environment;
  Wireless remote control + manual control: within a range of 30 meters, it can
- remotely control the rotation of the lamp up and down 330°, the lifting of the lamp pole and the switch of the lamp; the switch on the generator can also be used to achieve the same function.
- The bottom of the generator set is equipped with a universal wheel, which can rotate 360° left and right.
- Using MEAN WELL or the same grade brand AC and DC wide battery voltage constant power power supply, the power factor is as high as 0.98;
  The protection level reaches IP65, which can effectively resist the heavy rain;

Main Specification

Item		Technical Parameters
Type		ZW3500E-60× 80°
Generator fulfill continuous working time		13h
Lifter	Minimum height	1.75m
	The maximum rise height	4.5m
Generators	Rated output power / fuel rated capacity	2000W / 15L
Size	length × width × height	1500 × 500× 800mm
Weight	Lamp+lamp panel	19Kg
	Lifter	9Kg
	Generator set	45Kg

Ordering Reference

Model number	Rated voltage (V)	Rated wattage (W)	Light output (lm)	Light average life (h)	Light distribution curve (1000cd/lm)	Equivalent to Metal Halide
ZW3500H-4×L150-90°	220VAC	150× 4	7390×4	100000		500W×4
ZW3500H-4×L300-60°		300× 4	10310× 4			1000W×4

ZW4308 Solar Warning Light

LED

IP 66



Application

This product is widely used in high-voltage cable lines, ground dangerous places as warning signals, also used in construction, operation monitoring, emergency and other places for signal prompts and azimuth display.

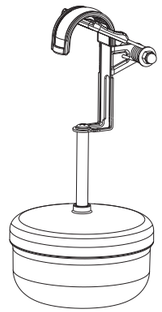
Characteristics

- The product adopts international brand high-brightness LED, and the brightness is more than 2 times higher than similar products.
- The product has a unique light distribution, a wide range of illumination angles, and uniform illumination within the illumination range.
- The overall weight of the product is light, reducing the load on the high-voltage cable.
- The product can be discharged for 50 hours in a dark environment when the battery is fully charged.
- With multiple monocrystalline solar panels, the charging time efficiency is 1.5 times higher than that of ordinary solar panels.
- Customized professional tools for easy and convenient installation and removal of strobe lights.
- Optional, with different mounting accessories, to achieve a variety of installation methods to meet customer and corresponding site installation requirements.
- Product intelligent setting, quickly covers the solar panel 3 times in 3 seconds, enter the sleep state, easy to pack, transport and store.

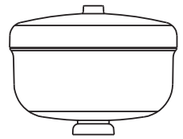
Main Specification

Item		Unit	Technical Parameters
Lamp Wattage		W	1
Solar maximum power		W	1.5
IP grade		/	IP66
Battery	Rated capacitance	mAh	800
	Rated voltage	V	3.7
Lighting time		h	50
Lighting mode		Hz	1Hz
Working temperature		℃	-40~+80
Scope of application		/	Could work normally under the electromagnetic environment of 0.4kV-220kV transmission circuit or distribution circuit.
Applicable high voltage cable outer diameter		mm	φ8-φ31
Dimensions		mm	Φ101×212
Net weight		g	263±5

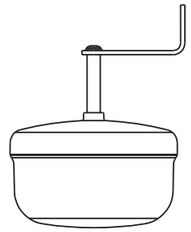
Drawing of dimension (Dimensions in mm)



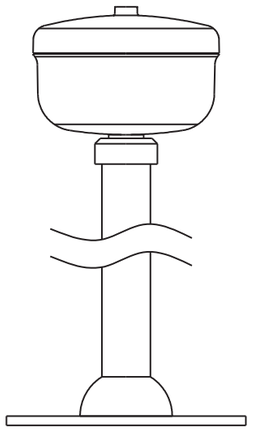
Hook type



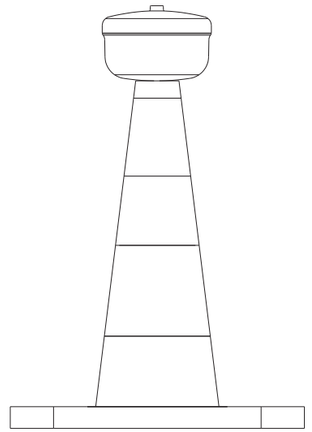
Magnet adsorption type



Side wall type



Pole type



Safety cone type

Order number	Mounted type	Accessories	Note
ZW4308H	Hook type	Special installation and removal tools	
ZW4308T	Magnet adsorption type		
ZW4308W	Side wall type		
ZW4308P	Pole type		
ZW4308S	Seat type(Safety cone)	Safety cone	Accessories purchase

TORMIN ZW4308D Solar Warning Light

LED

IP 66



Application

This product is widely used in high-voltage cable lines, ground dangerous places as warning signals, also used in construction, operation monitoring, emergency and other places for signal prompts and azimuth display.

Characteristics

■ The product adopts international brand high-brightness LED, and the brightness is more than 2 times higher than similar products.

■ The product has a unique light distribution, a wide range of illumination angles, and uniform illumination within the illumination range.

■ The overall weight of the product is light, reducing the load on the high-voltage cable.

■ The product can be discharged for 50 hours in a dark environment when the battery is fully charged.

■ With multiple monocrystalline solar panels, the charging time efficiency is 1.5 times higher than that of ordinary solar panels.

■ Customized professional tools for easy and convenient installation and removal of strobe lights.

■ Optional, with different mounting accessories, to achieve a variety of installation methods to meet customer and corresponding site installation requirements.

■ Product intelligent setting, quickly covers the solar panel 3 times in 3 seconds, enter the sleep state, easy to pack, transport and store.

Main Specification

Item		Unit	Technical Parameters
Lamp Wattage		W	1
Solar maximum power		W	1.5
IP grade		/	IP66
Battery	Rated capacitance	mAh	800
	Rated voltage	V	3.7
Lighting time		h	50
Lighting mode		Hz	1Hz
Working temperature		℃	-40~+80
Applicable high voltage cable outer diameter		mm	φ8-φ31

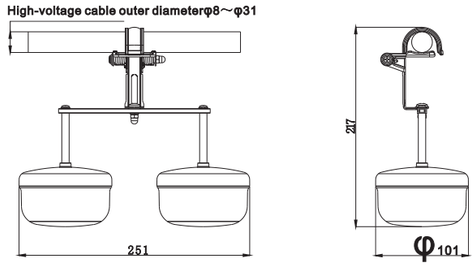
Ordering Reference

Model Number	Mounted type	Including warning sign	Size	Net weight	Note
ZW4308D□□	Hook type-H	Yes(B)	250×101×217mm	500±5g	/
		No	250×101×347mm	630±5g	/
	Side wall type-W	Yes(B)	250×101×161mm	455±5g	/
		No	250×101×292mm	585±5g	/
	Clamp type-C	Yes(B)	250×101×215mm	500±5g	U-shaped bracket can be customized

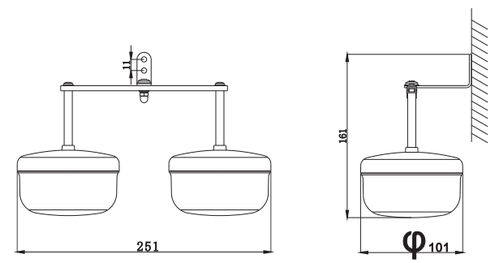
Note: The "□□" in the order number is filled in according to the actual installation requirements.
The first "□" is filled in as the installation method, and the second "□" is filled in as whether includes a warning plate.
For example, ZW4308DHB is a double-headed hook type with warning sign.

Drawing of dimension (Dimensions in mm)

Double-headed hook type

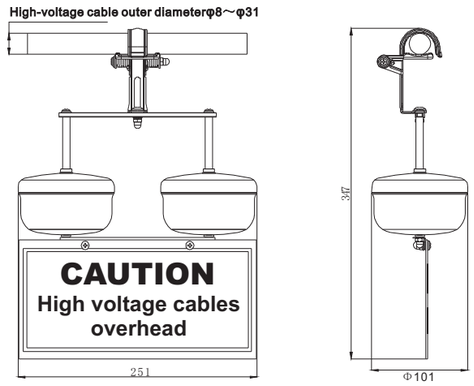


Double-headed side wall type

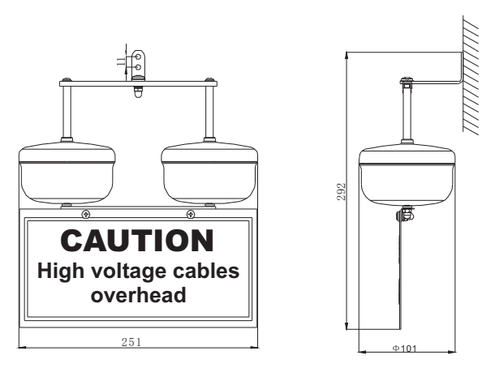


Double-headed side wall type including a warning sign

Double-headed hook type including a warning sign



Remarks: warning text can be customized



Remarks: warning text can be customized

ZW4308D Solar Warning Light

Double-headed clamp type including a warning sign



Remarks: warning text can be customized

ZW4303 Double directional light

LED

IP 65



ZW4303 ZW4303A

Characteristics

- Use magnetic force to adsorb on the metal surface or buckle on the wall for fixed use, easy to operate and easy to carry.
- The light source adopts the international brand LED light source, which can send out a long light or stroboscopic warning, signal or display direction in two opposite directions at the same time.
- Good airtightness, waterproof performance which can work in harsh environments. With bulletproof rubber material shell can withstand collision and impact.
- The high-energy non-memory lithium battery has large capacity and low self-discharge rate. After a fully charge, the continuous working time is not less than 12 hours, and the continuous working time of strobe is not less than 30 hours.
- Equipped with a low-voltage prompt function, which can remind to charge in time.

Application

Electricity, railway, shipping and other transportation workers make warning signs and directions for signal communication.

Main Specification

Item	Unit	ZW4303	ZW4303A
Rated voltage	V	3.7	3.7
Rated capacity	Ah	1.7	1.7
Working current	mA	120	120
Visible distance	m	1500	1500
Continuous discharge time	h	⩾12	⩾12
Strobe continuous discharge time	h	⩾30	⩾30
Charging time	h	6	6
Life time of light source	h	⩾100,000	⩾100,000
Battery life	cycle	≈1000	≈1000
Dimension	mm	100×140	100×280
Net weight	g	410	530

ZW01 / ZW02
Multifunctional LED Torch

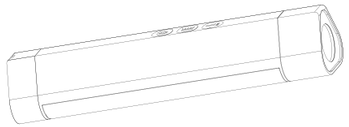
LED



Product Features



Major Components



Applicable Occasions

All kinds of outdoor sports lighting (such as hiking, camping, expedition, group activities, etc.);
Safety and security, search and rescue, accident scenes and other work emergency lighting;
Vehicle standby, emergency maintenance lighting or fault caution;
Family emergency standby lighting.

Characteristics

- Integrated design with different modes: spotlight, floodlight, meeting different usage scenarios.
- Three-button design with separate controls for spotlight and floodlight innovative smart lock key design allows users to lock or unlock lighting modes, enabling quick access to preferred modes and simplifying button operations.
- IP66 Protection grade, water proof, dust proof
- Built -in strong magnet and a hanging rope, providing various placement options such as magnetic attachment, suspension, and flat placement;
- Package includes: main product X1, charging cable X1, user manual X1

Main Specification

Item No.	ZM01 (plastic)	ZM02 （metal+plastic)	
Power	3W (spotlight)/3.4W(floodlight)	5W(spotlight)/6.8W (floodlight)	
Floodlight CCT	3000K+5000K+6500K 3 mode		
Battery	3.7V 3000mAh	3.7V 4000mAh	3.7V 6000mAh
Runtime	spotlight: 8/16/60hrs	spotlight: 13/26/80hrs	spotlight:20/40/120hrs
	floodlight 8-120hours	floodlight 12-120hrs	floodlight:20-200hrs
Charge time	2.5hrs	3hrs	5hrs
USB output	/	5V/2A	
IP rate	IP66		
Temperature	-20 ℃ to +40 ℃		
Dimension	200x41x39mm		
Net weight	185g	260g	260g
Color	white+black	silver+black	silver+black

ZW6220 LED
Hand-recharge Inspection Searchlight

LED

IP 66







Magnetic



Lamp head rotation



Available to charge mobile battery



Hand recharge

Application

This product is suitable for inspection, repairing, rescue, and some other night work tasks.

Characteristics

- This unit have hand recharge function which meet the customer's quick recharge requirement. It can also charge your mobile phone.
- Adopt CREE LED as light source with high luminous efficiency, 100,000 hours service life. Powered by rechargeable lithium battery, no memory effect, low discharge rate and environment friendly.
- Press the button for 2 seconds, the lamp will switch to floodlight mode which runtime can reach 55 hours.
- Equipped with magnetic base on the bottom, available adsorb to all kinds of iron material equipment, making it more convenience for the operator to work.
- The head of the lamp is adjustable, 120° tilt.
- The unit is small size and light weight, easy to carry.
- High light and low light are switchable easily.
- The unit has battery status inspection function and low battery warning function. User can check the battery level at any time. The searchlight design has a large size handle and large button switch, easy to operate even with gloved hands.
- The fluorescent material rubber plug on the bottom of the lamp can serve as a personal indicator and safety warning function.
- It is made of PC material, high strength body and sealed to IP66.

Main Specification

Specification		Unit	values
Rated voltage		V	3.7
Rated wattage		W	1
Rated capacity		mAh	5200
Light output		lm	190
Hand cranked generator 100r/min	Charging 1 minutes for working	min	30
Continuous runtime	High	h	⩾8
	Work	h	⩾40
	Flood	h	＞55
Recharge time		h	10
Service life of battery		Times	≈1000
Net Weight		kg	0.35
Dimension		mm	193×74×115

ZW7600 Railway LED Signal Flashlight [Four color]

LED

IP 65



Application

It is used at railway, aviation and other transportation area and some special fields, serving as signal indication, safety warning and normal illumination.

Characteristics

- Engineering plastic shell, lightweight, suitable for long-time handheld operation;
- Three colors of red, yellow, and green are used as the signal light configuration, and white illumination light is configured in the middle;
- Equipped with a hand-held safety rope and strap, the tail is larger than the barrel, which is not easy to take off
- A small lamp is set at the rear for emergency lighting and direction indication;
- 1-meter drop has no effect, the low-temperature environment works normally;
- American CREE light source, high brightness and long lifetime.

Main Specification

Specification		Unit	values
Rated voltage		V	3.7
Rated capacity		mAh	4400
Light output		lm	170
Continuous runtime	Lighting	h	⩾10
	Sign	h	＞30
Recharge time		h	＜12
Service life of battery		Times	≈1000
Dimension	Diameter	mm	ϕ66
	Length		171
Net weight		g	265

Note: When the light is on, press any switch in the three colors of the lamp head for 2 seconds to illuminate the lamp, and then press it to turn off.



Three-colour signal lighting



Tail light

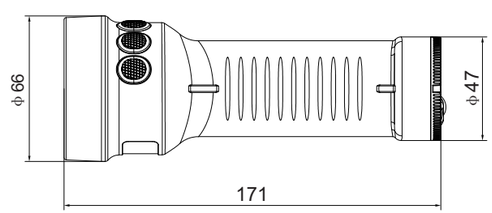


Portable



Charger

Drawing of dimension (Dimensions in mm)



ZW7600A Railway LED Signal Flashlight

LED

IP 65



Application

It is used at railway, aviation and other transportation area and some special fields, serving as signal indication, safety warning and normal illumination.

Characteristics

- ZW7600A uses ultra bright Φ 5 LED as light source.
- Equipped three color light: red, green, yellow.
- It is sealed to IP65 preventing the ingress of water; The housing is made of PC material, drop resistant to 1 meter. It can withstand high and low temperature suitable to be used in all kinds of harsh environment.
- The rear light on its tail is ideal as a personal indicator to identify the position of the users. It eliminates the danger and ensure the user's safety in the dark.
- Use of the latest large bulk capacity lithium-iron battery with long service life improves reliability and eliminates ' memory ' affect.

Main Specification

Specification		Unit	ZW7600A
Rated voltage		V	3.7
Rated capacity		mAh	4400
Lamp light source brightness		mcd	⩾14,000
Continuous runtime		h	⩾16
Recharge time		h	＜12
Service life of battery		Times	≈1,000
Dimension	Diameter	mm	Φ66
	Length	mm	171
Net weight		g	258



Three-colour



Red

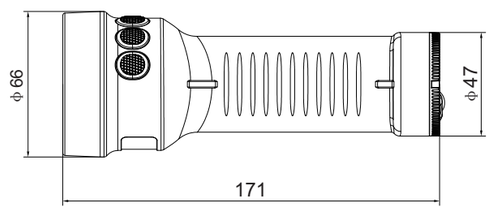


Yellow



Green

Drawing of dimension (Dimensions in mm)





LED source



Tail light



Portable



Charger

ZW7610 LED Flashlight

LED

IP 65



Application

It is used at railway, aviation and other transportation area and some special fields, serving as normal illumination and emergency lighting.



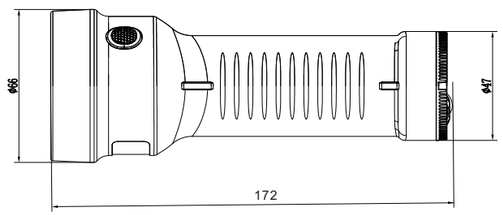
Characteristics

- It uses CREE LED light source, with long service life. The reflector adopts hi-tech surface finishing technology, enable a high light reflectivity.
- It is sealed to IP65 preventing the ingress of water; The housing is made of PC material, drop resistant to 1 meter. It can withstand high and low temperature suitable to be used in all kinds of harsh environment.
- The rear light on its tail is ideal as a personal indicator to identify the position of the users. It eliminates the danger and ensure the user's safety in the dark.
- Use of the latest large bulk capacity lithium-iron battery with long service life improves reliability and eliminates ' memory ' affect.
- Easy to carry..

Main Specification

Specification	Unit	values
Rated voltage	V	3.7
Rated capacity	mAh	4400
Light output	lm	170
Continuous runtime	h	⩾10
Recharge time	h	＜6
Service life of battery	Times	≈1000
Dimension	mm	ϕ66×172
Net weight	g	265

Drawing of dimension (Dimensions in mm)





Tail light



Portable



LED light source(CREE)



Charger

ZW7710B, ZW7710C Police LED Flashlight

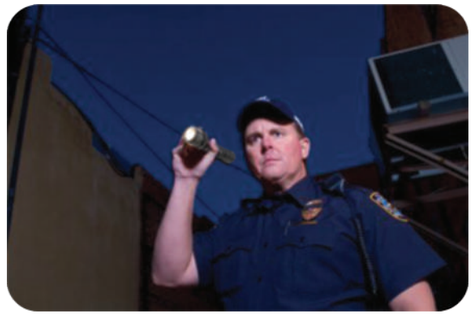
LED

IP 67



Application

This strong light flashlight was developed by our company based on the actual needs of public security, police, duty, law enforcement staff, and can be widely applied to public security agencies, railways, transportation, civil aviation, forestry public security agencies and customs departments.





LED light source**(CREE)**



Side switch



Battery indicator



Recharge hole



Attacker

Characteristics

- ZW7710B has built-in dual-mode control chip, which can select lighting mode according to actual demand;
- The type-C socket is used as the charging port, which can be connected with the type-C charging wire of the mobile phone;
- Four blue LEDs on the sideshow the battery power, intuitive and practical;
- The head is designed as a plum-shaped percussion head, which can be used as a safety hammer in case of emergency to break the glass and escape;
- Side switch, anti-skid groove design of cylinder body, equipped with a hand-held safety rope, the tail is larger than the cylinder body, not easy to take off;
- 1-meter drop without impact, normal operation in a low-temperature environment;
- Cree light source in the United States, with high brightness and long service life.

Main Specification

Description	Unit	ZW7710B		ZW7710C
		Model:1	Model:2	
Rated voltage	V	3. 7		
Light source power	W	3		
Rated capacity	mAh	2600		
High intensity light flux	lm	⩾285	≥125	≥125
Low intensity light flux	lm	⩾125	≥70	≥70
High intensity lighting time	h	⩾3	⩾9	⩾9
Low intensity lighting time	h	⩾9	≥19	≥19
Time of charging	h	6	6	6
Service life of battery	Recycled	≈1000		
Dimension	mm	ϕ35×145		
Net weight	g	160		
Note: When ZW7710B lights up, press button for 5 seconds can switch the Mode 1 and Mode 2.				

Drawing of dimension (Dimensions in mm)

