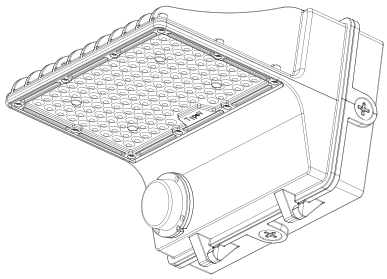
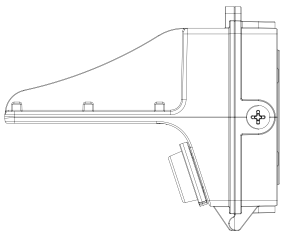
LIGHTING





Star Wall Pack Series

30W / 40W / 50W / 60W / 80W / 100W / 120W

Very High efficiency - up to 160lm/W

Features

Very High efficiency - up to 160lm/w
Very high Luminous flux- up to 18000lm
Flicker free drivers for models above 50W
Easy and convenient installation
Clip-on structure, easy maintance for driver
Durable die-cast aluminum housing
UV-resistant PC Optics
Type3, type5 optical distribution (more optical lens options upon request)
IP65 high grade waterproof protection

Options

Optional PHOTOCELL and Daylight PHOTOCONTROLLER
Microwave motion sensor option
CRI 80 Ra available
IP66 protection upon request

Area of application

Outdoor wall-mount applications:
building facade, commercial, industrial, retail,
hospitality buildings that demand long service life and low maintenance.

Certificates

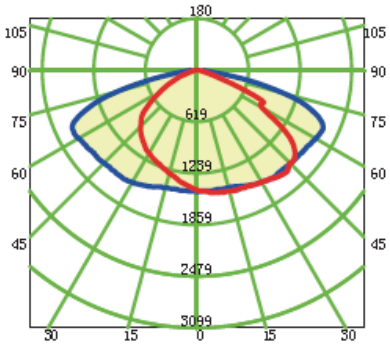
American market: UL, DLC
European market: CE, RoHS

RoHS

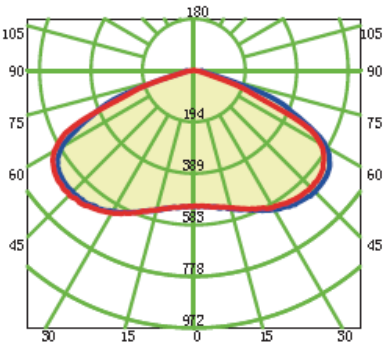
This new designed Wall Pack Light is built for industrial and commercial use. It is easy to install and wire. The internal driver is well protected against all weather conditions and can be easily accessed for maintenance purposes. The housing is sealed with an industrial great silicon seal to assure a dust and water proof IP65 rating. To increase the power savings an optional photocell sensor can be provided.

Light Distribution Optional

TYPE 3



TYPE 5



Basic Specifications

Standard lumen (160lm/W)

Model	Nominal wattages (W)	Nominal voltage	Rated luminous efficacy (lm/w)	Nominal luminous flux (lumen)	Beam Angle	LED Quantity	CRI
WP2-30W	30W	AC100~277V 50~60Hz	170±10	5100±300	TYPE3 TYPE5	140PCS SMD3030	>70Ra
WP2-40W	40W		170±10	6800±400		140PCS SMD3030	
WP2-50W	50W		170±10	8500±500		140PCS SMD3030	
WP2-60W	60W		160±10	9600±600		140PCS SMD3030	
WP2-80W	80W		160±10	12800±800		140PCS SMD3030	
WP2-100W	100W		160±10	16000±1000		196PCS SMD3030	
WP2-120W	120W		150±10	18000±1200		196PCS SMD3030	

Electrical data

Operating frequency	47-63HZ
Type of current	AC100-277V
Power factor λ	>0.9
Efficiency in %	>92%
Start time (0.2s / 0.5s / …)	0.1S
Warm-up time to 60 % (1.5s / 2s / …)	0.5S

Photometrical data

Available light colors	warm white;natural white; daylight white
Available color temperatures	3000K;4000K;5000K;6000K
Color rendering index Ra	>70
Standard deviation of color matching	<5
UGR (Unified Glare Rating)	<27
Available beam angles	TYPE3/TYPE5

Standards & Certification

Type of protection	IP65
Tested dielectric strength	3.75KVac
Safety features	Open circuit protection; Short circuit protection; Overvoltage protection.
Certificates	American market: UL, DLC European market: CE, RoHS
Energy efficiency class	A+ & A++

Temperatures & operating conditions

Heatsink temperature	5~+70℃
Ambient temperature	-30~+55℃
Storage temperature	-40~+80℃

Lifespan

Rated nominal Lifetime	50.000 hours
Switching cycles	100,000 times
Lumen maintenance at e.o.l.	70%

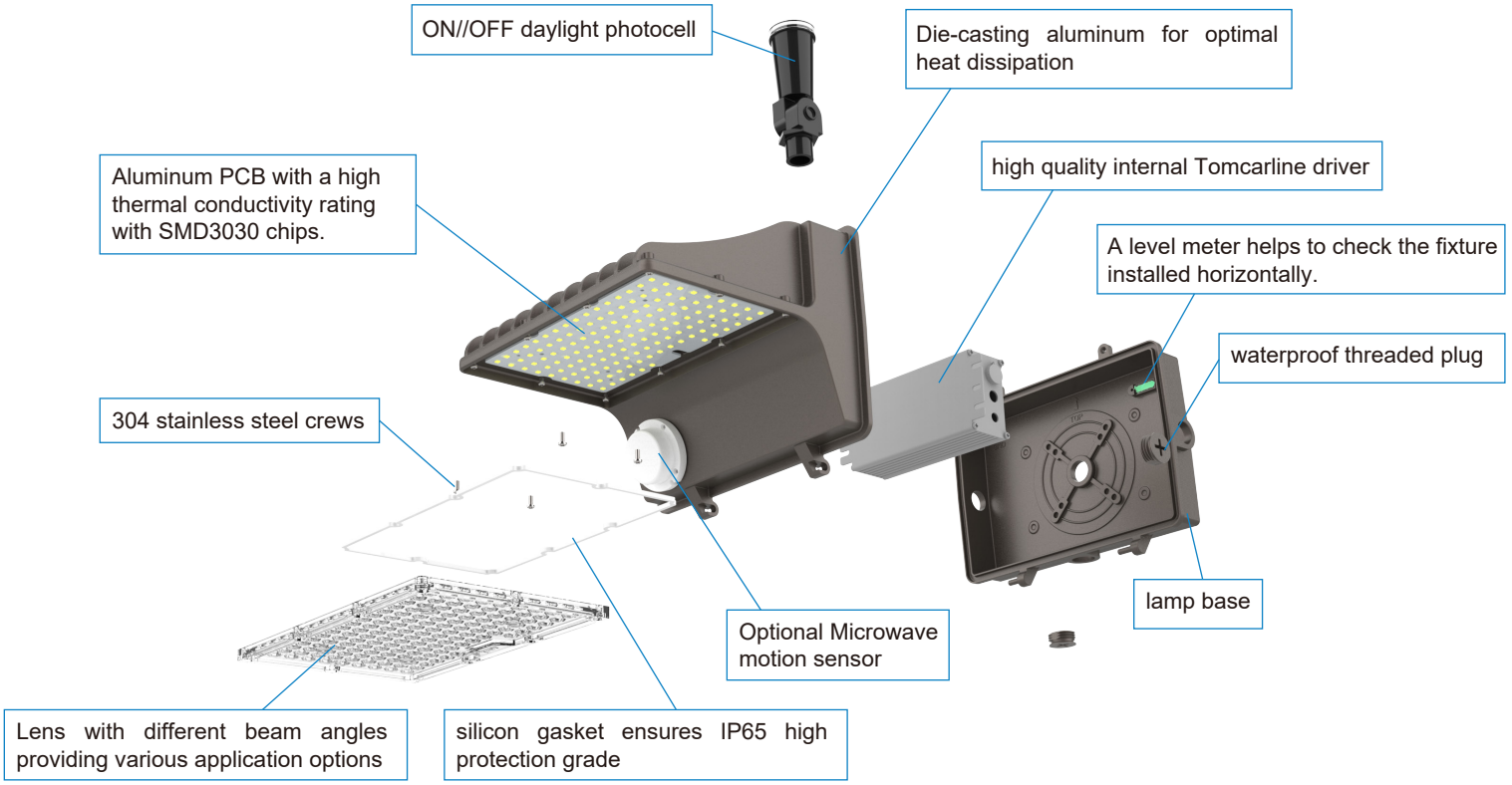
Features/Capabilities and additional product data

Base/Socket	Directly wired
Dimmable	1-10V dimmable

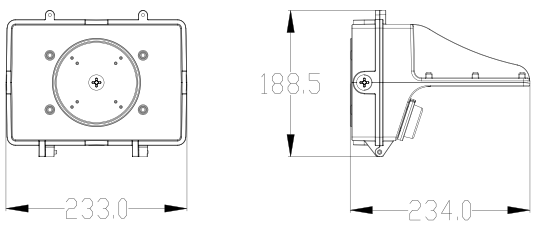
Packing Information

Model	Dimension(MM)	CTN SIZE(CM)	QTY/CTN	Net Weight/pcs(kg)	Gross Weight /CTN(kg)
WP2-30W/40W/ 50W/60W/80W	233*234*188.5	33*33*28	1PCS	3.1	3.6
WP2-100W/120W	282*273*198.5	38*37*29	1PCS	4.1	4.8

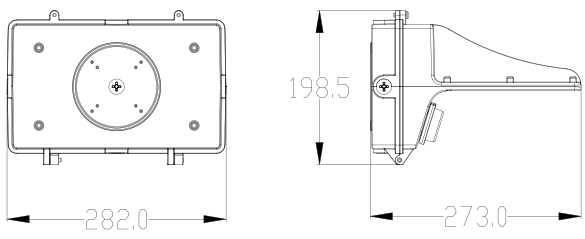
Exploded drawing



Dimension (mm)



30-80W

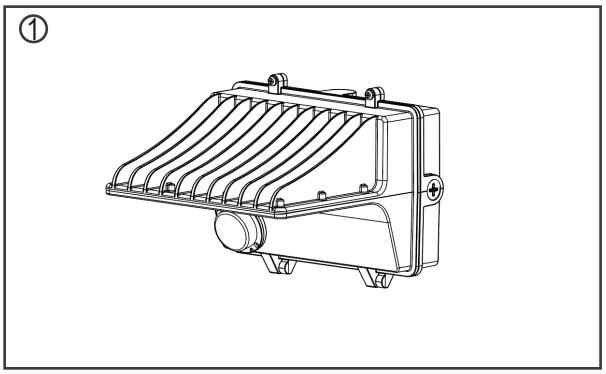


100-120W

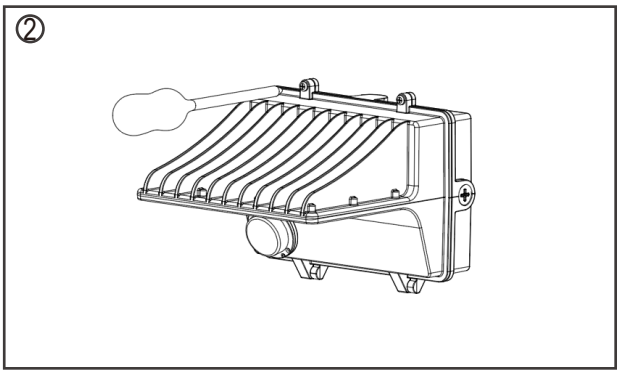
Application and safety notes

- Carefully read and follow all warnings and instructions before installing or servicing the luminaire.
- The installation should be done by an individual familiar with the construction and operation of the luminaire.
- The installation of this luminaire must be in accordance with national and local building and electrical codes.
- The product must not be damaged or operated in a damaged condition.
- This luminaire must be directly wired on line. Any ballast or other power device previously used with the replaced luminaire must be removed.
- Between the luminaire and any possibly flammable material must be an appropriate safety space (at least 20cm).
- The luminaire must not be covered with heat insulating materials.
- Always provide proper ventilation around the luminaire and do not exceed the maximum ambient temperature.
- Compared to traditional lights the characteristic light distribution of this LED luminaire may differ. In order to be sure to meet your lighting requirements a photometric check of the installation is recommended.

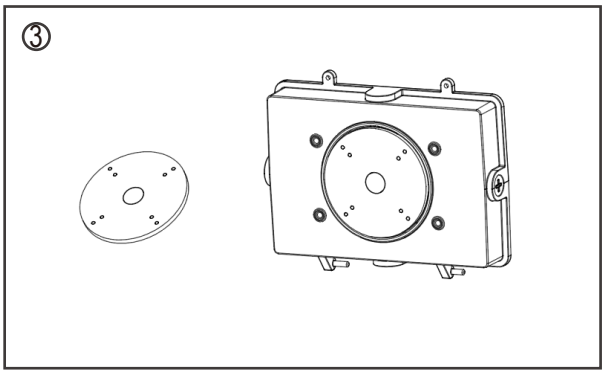
Installation Instruction



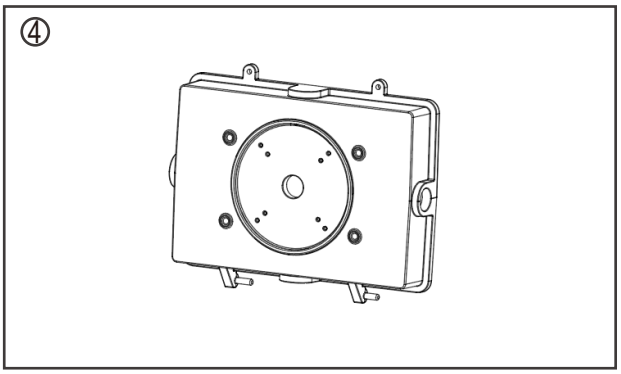
1. Open the package as shown in the picture



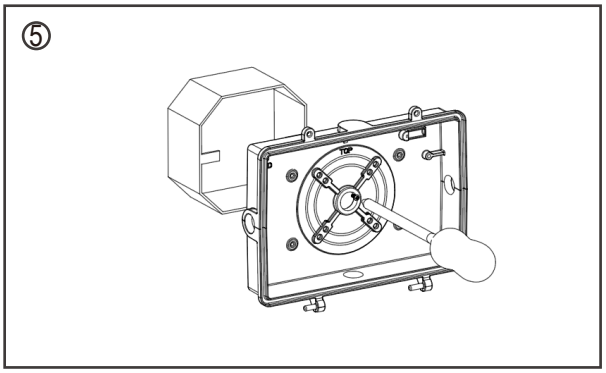
2. Remove 2pcs M5 screws with a cross screwdriver



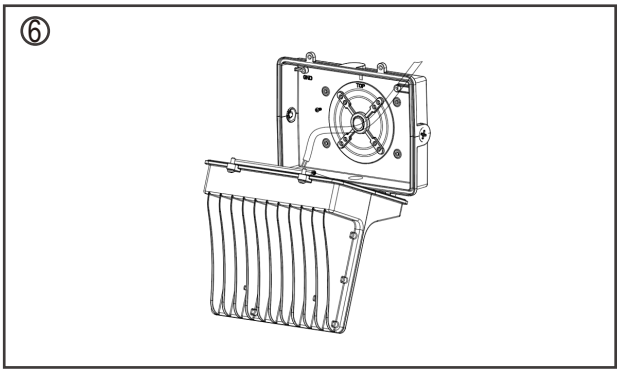
3. Paste waterproof foam on the fixture base



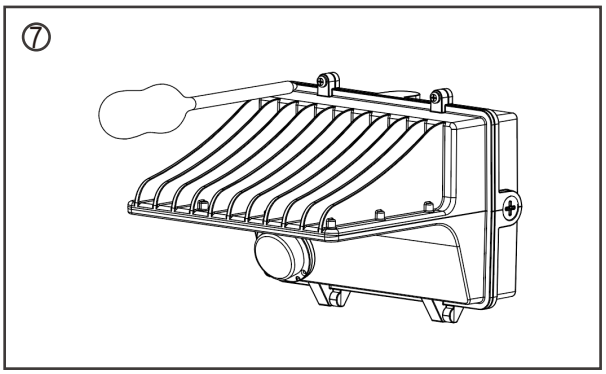
4. As shown in figure 4



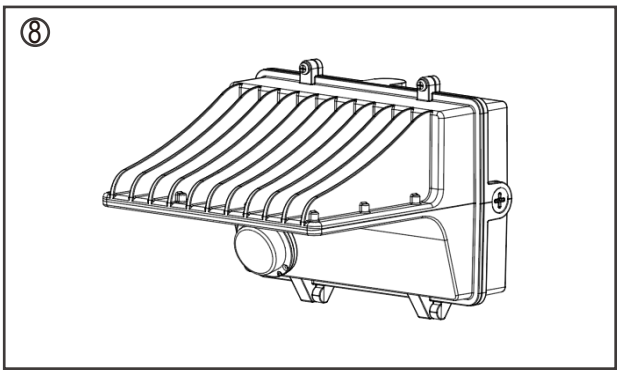
5. Install the fixture base with a cross screwdriver



6. Connect the cable to the power supply



7. Lock the 2pcs M5 screws with a cross screwdriver



8. As shown in figure 8

Maintenance

- To avoid injuries, disconnect power to the light and allow the unit to cool down before performing maintenance.
  Warning: No user serviceable parts inside. Risk of electric shock. Removal of the cover will void the warranty.

- Perform visual, mechanical and electrical inspections on a regular basis. We recommend routine checks to be made on an annual basis. Frequency of use and environment should determine this.

- The PC cover should be cleaned periodically as needed to ensure continued photometric performance. Clean the PC cover with a damp, non-abrasive, lint-free cloth. If not sufficient, use mild soap or a liquid cleaner. Do not use an abrasive, strong alkaline or acid cleaner as damage may occur.

- Inspect the cooling surfaces and fins on the luminaire to ensure that they are free of any obstructions or contamination (i.e. excessive dust build-up). Clean with a non-abrasive cloth if needed.