

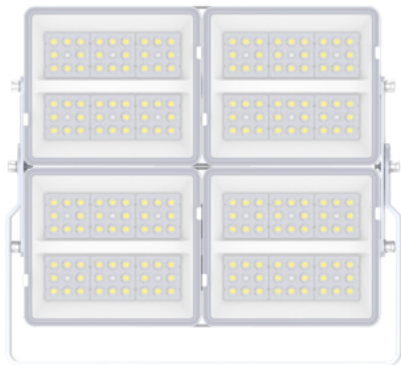
Square Modul Floodlight

EXC-FL-Z04 series



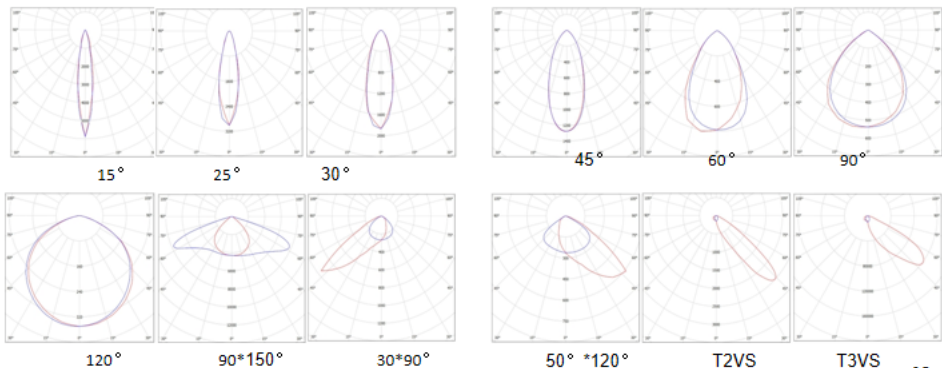
Introduction

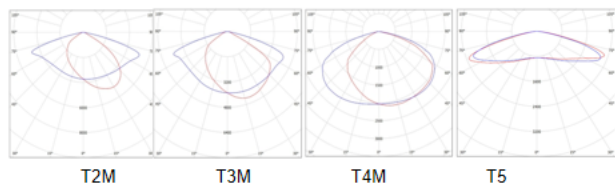
- Branded isolated driver, high safety and reliability;
- Modular design, suitable for different power;
- The module surface uses outdoor electrostatic spraying technology, it is corrosion resistance and weather resistance, suitable for various complex environments;
- The lens is made of high-quality imported optical-grade materials, precise light distribution, high efficiency, and strong weather resistance;
- Multiple light distribution angles. suitable for various lighting applications;
- Electric shock protection: Class I .



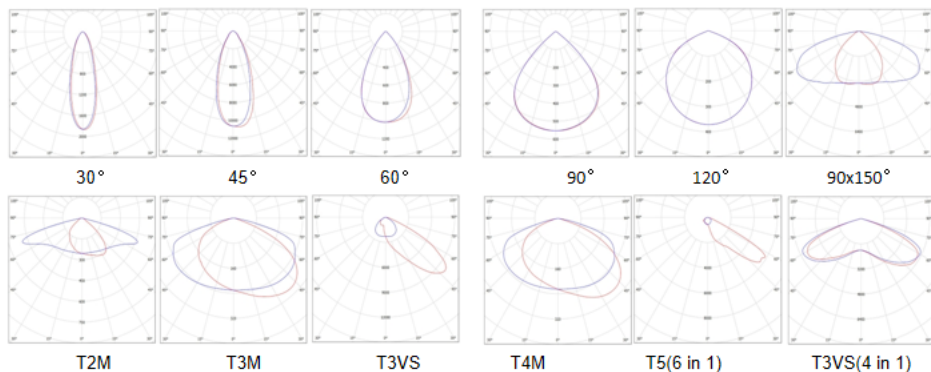
Lighting curve

Glass version (3030 LEDs/16 in 1)



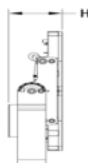
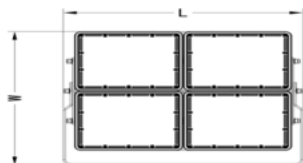


Glass version(5050 LEDs/8 in 1)



Size

Power(W)	Size (mm)			Screw size	Maximum windward area(m ²)	Weight (kg)
	L	W	H			
40/50	230	225	75	M10	0.0374	1.6/1.6
60/70	230	225	75	M10	0.0374	1.6/1.6
75/80	230	225	75	M10	0.0374	1.6/1.7
100/150	430	225	95	M10	0.0754	2.9/3.0
180/220	635	225	100	M10	0.1134	4.6/4.8
240/300	445	405	100	M10	0.1514	5.4/5.9
320/450	645	405	100	M10	0.2268	8.2/8.7



Performance

Model No.	EXC-FL-Z04-040/050	EXC-FL-Z04-060/070	EXC-FL-Z04-075/80	EXC-FL-Z04-100/150
Power(W)	40/50	60/70	75/80	100/150
LED Chip	Lumiled/Osram/TD LEDs(3030/5050)			
Voltage (V)	90-305Vac			
Frequency (Hz)	50/60Hz ±3Hz			
PF	≥0.95			
Driver efficiency	≥0.90			
Rated input voltage	220-240Vac			
Input voltage range	90-305Vac			
Maximum input current (A)	0.48/0.60	0.72/0.85	0.91/0.97	1.21/1.81
Harmonic distortion	< 15%			
LEDs	EMC3030/5050			
Driver brand	Moso, Sosen, Inventronic, Meanwell			
Lighting efficiency (lm/W)	130-180 (LM/W)			
Ra	> 70			
CCT	3000K/4000K/5000K/5700K			
Lighting angle	Details are in Light Distribution Curve			
Tc (°C)	≤80 (Ta=25°C)			
Working temperature (°C)	-40 ~ +50			
Working humidity	10%-90%RH			
Lifespan (H)	50000			
IKdegree	IK08			
IPdegree	IP66			
N.W(kg)	1.6/1.6	1.6/1.6	1.6/1.7	2.9/3.0
G.W(kg)	9.2/9.2	9.2/9.2	9.2/9.6	7.4/7.6
Size (mm)	L230*W225*H75	L230*W225*H75	L230*W225*H75	L430*W225*H95
Carton size (mm) /pcs	L465*W305*H305/4p	L465*W305*H305/4p	L465*W305*H305/4p	L505*W295*H305/2p
Material	ADC12/PC/tempered glass			
Installation	Bracket installation			

Installation

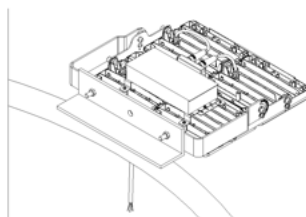
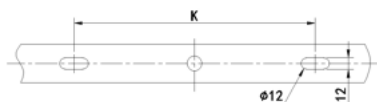


Warnings:

1. Cut off the main power before operation, it is strictly prohibited when it connects with electricity!
2. it must be connected with ground wire.

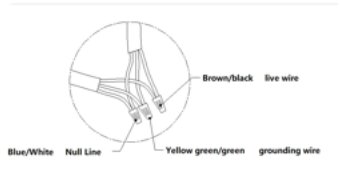
1. Drill M10 expansion bolts into the mounting surface according to the hole positions (distance k) of the lamp installation bracket, or create a fixed bracket according to the hole positions.

2: Use an adjustable wrench to secure the lamp to the mounting surface.

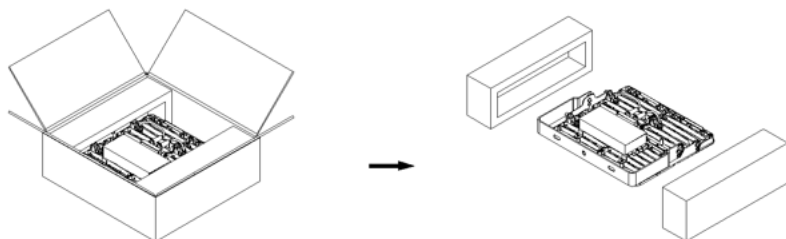


Power (W)	Mounting hole distance K(mm)	Power (W)	Mounting hole distance K(mm)
40/50	110	180/220	400
60/70	110	240/300	250
75/80	110	320/450	400
100/150	250	480/600	600

3: Use M8 and M6 hex wrenches to loosen the screws on both sides of the lamp bracket, adjust the lamp to the desired projection angle, and then tighten the screws.



Packaging



Attentions

1. Any form of installation/uninstallation or maintenance and electrical work must only be performed by a qualified electrician.
2. All wiring should be done after cutting off the power.
3. The street light must be grounded.
4. Always keep the lens/diffuser of the product cleaned to maintain good light transmission.
5. Always keep the shell of light cleaned to maintain good heat dissipation.
6. Cleaning must only be done with dry or wet cloth and the high bay should not be exposed to corrosive substance.
7. High voltage inside the fixture, please do not disassemble it, serious electric shock may occur otherwise.



Shenzhen EXC-LED Technology Co., Ltd

EXC Industrial Park, No. 589 Kenong Road, Tangjia Community,
Fenghuang Street, Guangming District, Shenzhen, China