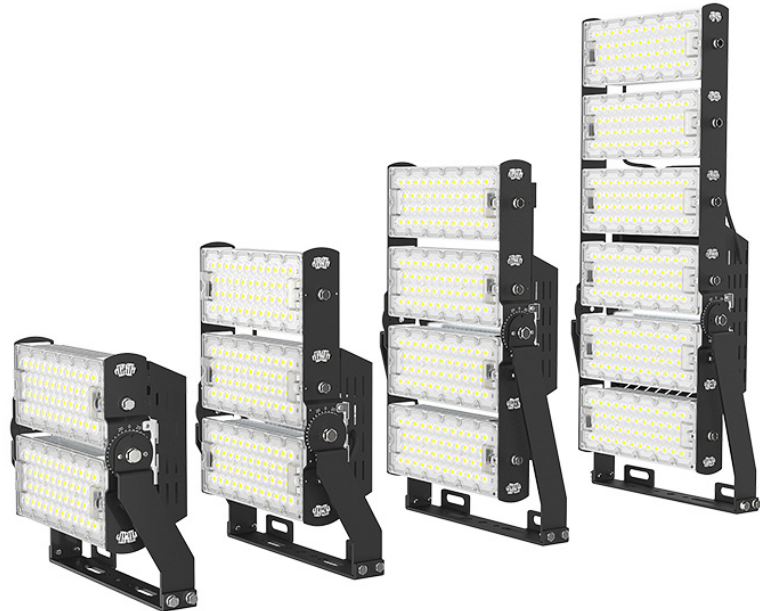


ARENA

LED Industrial Stadium Light

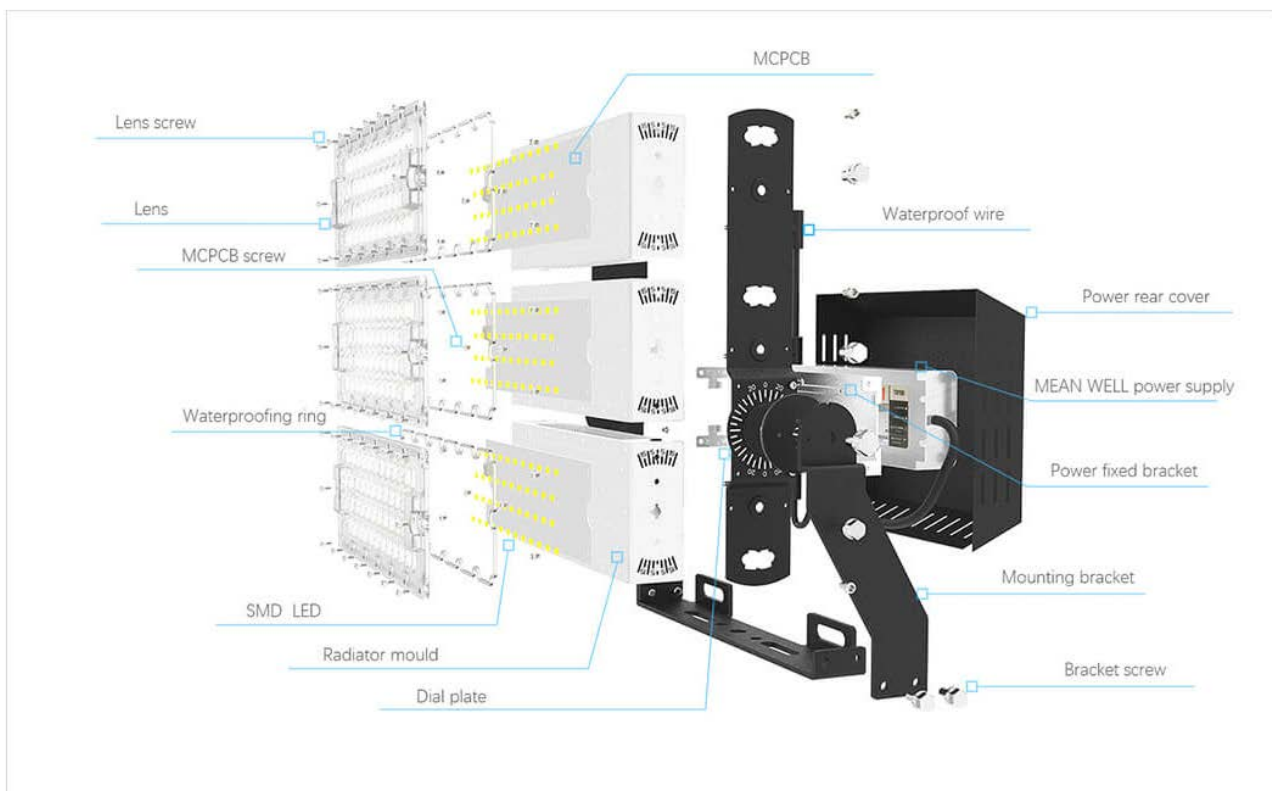


◆ PRODUCT PARAMETER





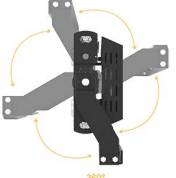

Data Specifications	TFL-A series			
Power	240W	300W	480W	720W
Input Voltage	AC100-180V : 192W; AC200-305V : 240W; 50/60Hz	AC100-180V : 240W; AC200-305V : 300W; 50/60Hz	AC100-180V : 384W; AC200-305V : 480W; 50/60Hz	AC100-180V : 576W; AC200-305V : 720W; 50/60Hz
Output Voltage	DC45-48V			
color temperature	2800-3200 /4000-4500 /5500-6000K			
CRI	Ra>70 & Ra>80			
Average Beam angle(50%)	8°/20°/40°/60°/90°/120°/140°x100°			
Light Efficiency	whole lamp output 145-155lm/w			
Lumens	240W : 36000lm	300W : 45000lm	480W : 72000lm	720W : 108000lm
LED	90pcs(Cree XPG3) for 8° /92pcs(Philips SMD 5050) for 20°,40°/368pcs(Philips SMD 3030) for 60°,90°,120°,140°x100°	135pcs(Cree XPG3) for 8° /138pcs(Philips SMD 5050) for 20°,40°/552pcs(Philips SMD 3030) for 60°,90°,120°,140°x100°	180pcs(Cree XPG3) for 8° /184pcs(Philips SMD 5050) for 20°,40°/736pcs(Philips SMD 3030) for 60°,90°,120°,140°x100°	270pcs(Cree XPG3) for 8° /276pcs(Philips SMD 5050) for 20°,40°/1104pcs(Philips SMD 3030) for 60°,90°,120°,140°x100°
Driver	MEANWELL ELG-240-48	MEANWELL ELGC-300-48	MEANWELL ELG-240-48*2	MEANWELL ELG-240-48*3
UGR	20			
Power Factor(Typ)	≥0.95			
Operating Temperature	(-40 ~ 70 °C) (Lowest operation temp -40°C, and highest 70°C)			
Ip rate	the waterproof grade IP65 ,can work outdoor under rain			
Life Span	50000Hrs (L70B50>50,000hrs)			
Main Materials	High purity aluminum+LED+PC lens			
Operating Humidity	20% ~ 90%			
Storage Temperature	(-40 ~ 80 °C)			

Lumen Maintenance	>85% (5000Hrs)			
Others				
Warranty	5 years			
Lux on 5 meter	7195lx (lux at ground from 5m high)	9666lx (lux at ground from 5m high)	14523lx (lux at ground from 5m high)	21575lx (lux at ground from 5m high)
Lux on 10 meter	1799lx (lux at ground from 10m high)	2416lx (lux at ground from 10m high)	3631lx (lux at ground from 10m high)	5394lx (lux at ground from 10m high)
Temperature on housing Max	66.5°C (Test environment temperature 25 °C)	66.2 °C (Test environment temperature 25 °C)	75 °C (Test environment temperature 25 °C)	65.6 °C (Test environment temperature 25 °C)
Temperature on LED Max	73.5 °C (Test environment temperature 25 °C)	70.6 °C (Test environment temperature 25 °C)	85.7 °C (Test environment temperature 25 °C)	84.2°C (Test environment temperature 25 °C)
Temperature on Driver Max	59.9°C (Test environment temperature 25 °C)	61.4 °C (Test environment temperature 25 °C)	65.8 °C (Test environment temperature 25 °C)	58.5 °C (Test environment temperature 25 °C)
Net weight	4.5 Kgs (without package)	7 Kgs (without package)	11 Kgs (without package)	16.5 Kgs (without package)
Gross Weight(Kgs)	6 Kgs (with package)	8.5 Kgs (with package)	14 Kgs (with package)	19 Kgs (with package)
Package Size	410x385x175mm	515x410x175mm	640x410x175mm	910x420x175mm
Installations	U-Bracket			

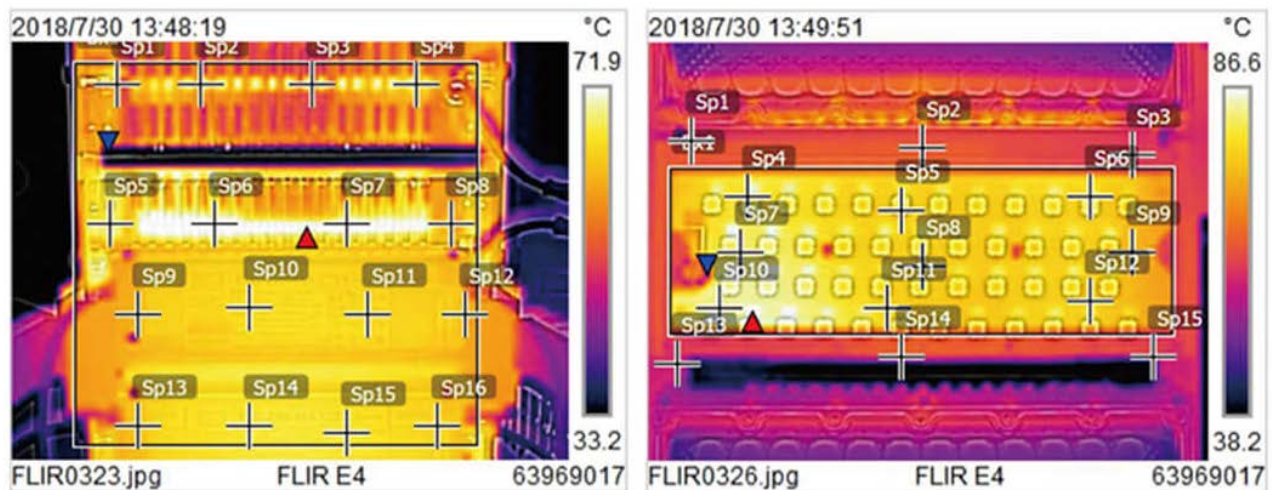
◆ PRODUCT EXPLOSIVE VIEW



◆ PRODUCT DETAILS

	<p>NO.1</p> <p>Three-dimensional rotary bracket design, horizontal, vertical adjustable with a clear scale table angle adjustable as demands</p>	<p>NO.4</p> <p>Adjustable single module can be adjusted up and down.</p>	
<p>NO.2</p> <p>Dial dial is more accurate and convenient for customers to adjust the angle.</p>			<p>NO.5</p> <p>Screw lock installation. The single module can be adjusted to adjust the angle 15 degrees to meet the special lighting applications.</p>
	<p>NO.3</p> <p>Screw lock attached installation, multiple adjustable points enable adjustable angle up to 360 degree.</p>	<p>NO.6</p> <p>Fins keep same distance between each other and buckle tighten them as a whole. This structure strengthen firmness of fins and maximize heat-dissipate area with minimum weight.</p>	

◆ THERMAL PRESENTATION



The combination of high thermal conductivity materials. The whole lamp is tested by thermal radiation: TFL- 480W-A. The lowest operating temperature of the radiator is 33 degrees, the highest temperature is 72 degrees, the lowest operating temperature of the LED light source is 38 degrees, the highest temperature is 87 degrees, the whole product greatly improved the life and stability.

◆ PROFESSIONAL LIGHTING DESIGN



Convex lens for large angle selection



Convex lens



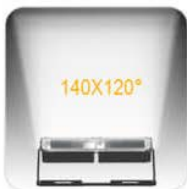
60°



90°



120°



140X120°



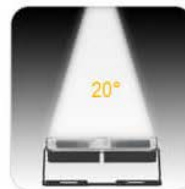
Plane lens for small angle selection



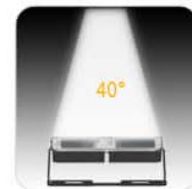
Plane lens



8°



20°



40°