



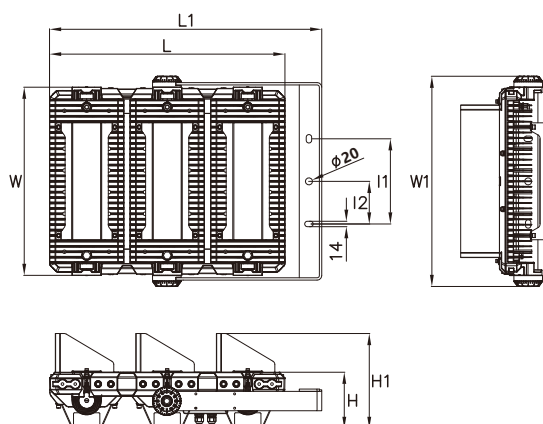
SAA TUV CB CE



Features:

1. Modular design, independent power supply, easy to achieve power changes without extra accessories and easy for rapid maintenance;
2. ADC12 die-casting aluminum, improve the performance against salt spray, gas corrosion, ultraviolet light. Extending the lifespan and reducing the light decay.
3. Professional light distribution for high pole lighting, high uniformity and utilization rate. Combined different light distribution to reduce light waste and pollution.
4. Patented scratch-free angle adjustment design, easy to achieve precise adjustment, while protecting the paint surface of the mounting bracket to avoid rust caused by scratches.
5. External floating design for driver, equipped with a reinforced heat dissipation bracket to form a convection channel with the radiator, extending the lifespan of the driver and easy for maintenance.

Power	240W	360W	480W	720W	960W
L1	331mm	539mm	539mm	704mm	912mm
L	192mm	400mm	400mm	608mm	816mm
W1	543mm	543mm	543mm	543mm	543mm
W	486mm	486mm	486mm	486mm	486mm
H1	245mm	245mm	245mm	245mm	245mm
H	145mm	145mm	145mm	145mm	145mm
I1	220mm	220mm	220mm	220mm	220mm
I2	110mm	110mm	110mm	110mm	110mm
G.W.	11kg	19.5kg	19.5kg	29.5kg	37.5kg
Max force area	0.093m ²	0.194m ²	0.194m ²	0.295m ²	0.397m ²
Installation torque	40N.m	40N.m	40N.m	40N.m	40N.m
Package dimensions (mm)	365*630*200	575*630*200	575*630*200	735*630*200	945*630*200



MAIN PARAMETERS

Power	240W	360W	480W	720W	960W	
Luminous flux (45°, 20°)	32400±5% lm	48600±5% lm	64800±5% lm	97200±5% lm	129600±5% lm	
LED quantity	216 pcs	288 pcs	432 pcs	648 pcs	864 pcs	
Light efficiency	≥ 135 lm/W					
Luminous flux (45°, 15°)	32400±5% lm	48600±5% lm	64800±5% lm	97200±5% lm	129600±5% lm	
LED quantity	264 pcs	396 pcs	528 pcs	792 pcs	1056 pcs	
Light efficiency	≥ 135 lm/W					
Luminous flux (60°, 90°)	32400±5% lm	/	64800±5% lm	97200±5% lm	129600±5% lm	
LED quantity	288 pcs	/	576pcs	864 pcs	1052 pcs	
Light efficiency	≥ 135 lm/W					
Luminous flux (Asymmetric 105°, 55°)	32400±5% lm	/	64800±5% lm	97200±5% lm	129600±5% lm	
LED quantity	288 pcs	/	576pcs	864 pcs	1052 pcs	
Light efficiency	≥ 135 lm/W					
Color	WW		NW		CW	
CCT.	3000±300K		4000±300K		5700±300K	
CRI.	≥70					
Beam angle	20 °/15 °	45°	60°	90°	120°	Asymmetric 105°/55°
Main materials	PC, Aluminum Alloy, Tempered Glass					
Lifespan	>100,000h					

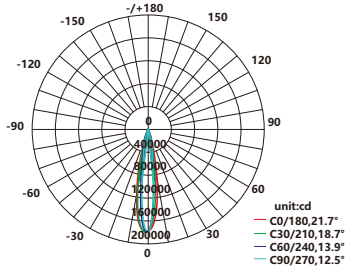
LED PARAMETERS

Brand	CREE	Lumileds
Chips size	3.5X3.5X2.0 mm	3.0X3.0X0.52 mm
LED beam angle	120°	120°
Driving power	1W(350mA)	1W(140mA)
CRI.	≥70	≥70
LED light efficiency	120-150lm	120-150lm

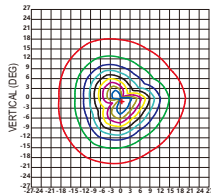
DISTRIBUTION CABINET PARAMETERS

Rated voltage	100-240,277V AC / 240-480V AC Single-phase / tri-phase	
Anti-surge protection	20KA(8/20us)	
Load power	5KW	10KW
Size	1200*960*400mm	1800*960*400mm
Weight	40kg	80kg

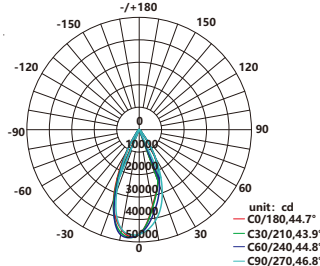
LIGHT DISTRIBUTION CURVE/ISOCANDELA DIAGRAM



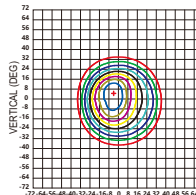
AVERAGE BEAM ANGLE (50%): 16.7°
3030 (15°)



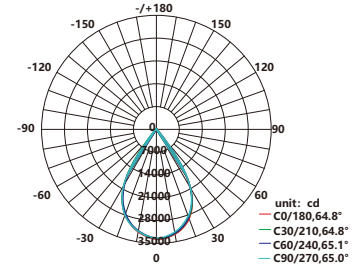
Horizontal (deg)
3030 (15°)



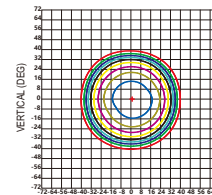
AVERAGE BEAM ANGLE (50%): 45°
3030 (45°)



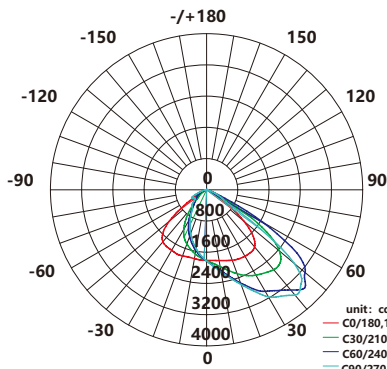
Horizontal (deg)
3030 (45°)



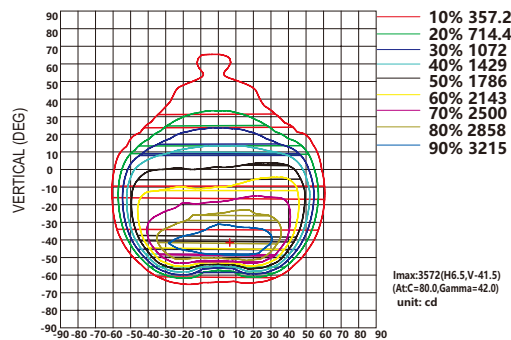
AVERAGE BEAM ANGLE (50%): 64.9°
3030 (60°)



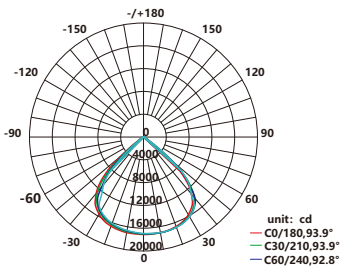
Horizontal (deg)
3030 (60°)



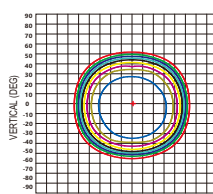
AVERAGE BEAM ANGLE (50%): 76.8°
3030 (Asymmetric 105°-55°)



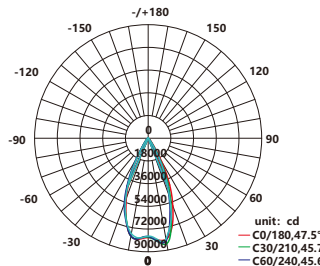
Horizontal (deg)
3030 (Asymmetric 105°-55°)



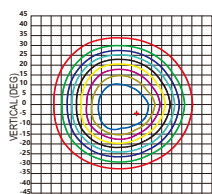
AVERAGE BEAM ANGLE (50%): 93.2°
3030 (90°)



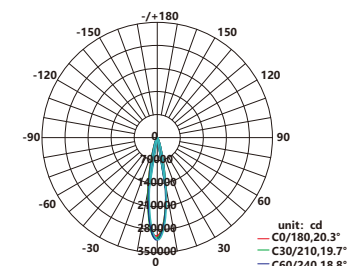
Horizontal (deg)
3030 (90°)



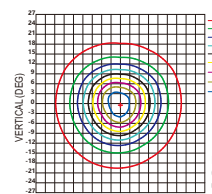
AVERAGE BEAM ANGLE (50%): 46°
3535 (45°)



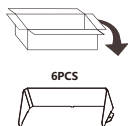
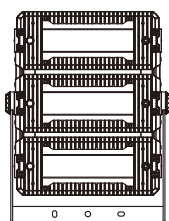
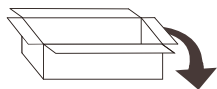
Horizontal (deg)
3535 (45°)



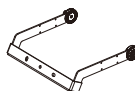
AVERAGE BEAM ANGLE (50%): 19.3°
3535 (20°)



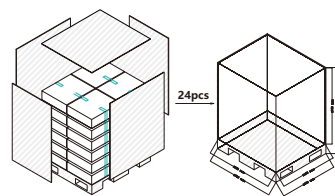
Horizontal (deg)
3535 (20°)



Optional hood:
Maximum avoidance of
light and interference



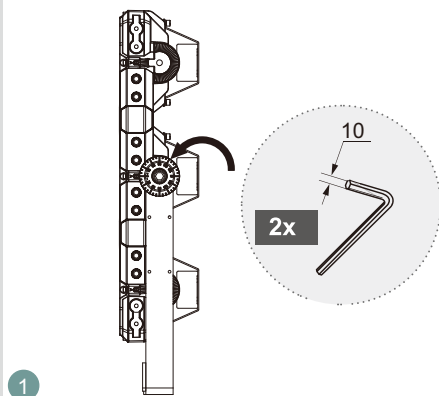
Optional bracket



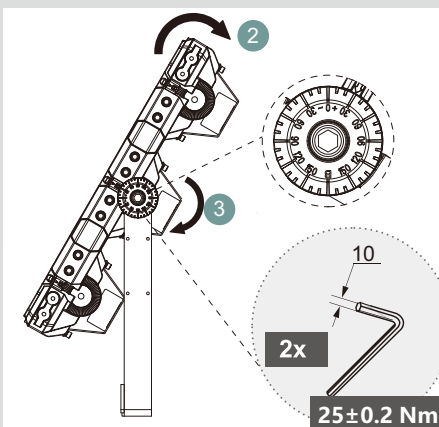
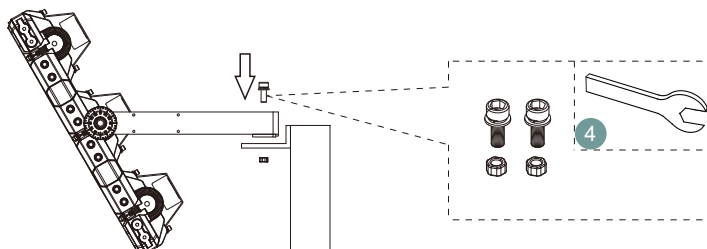
Wooden case packing diagram(720W)

Wooden case inner dimension
1500*1280*1700mm
Wooden case outer dimension
1520*1300*1820mm
Luminaire G.W.: 710KG

INSTALLATION STEPS



Before the installation work of the luminaire, the grid power supply must be cut off, and work with electricity is strictly prohibited.
Ensure the luminaire is intact before installation and use.

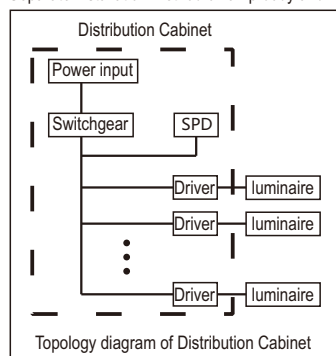


WIRING

CAUTION: Risk of electric shock

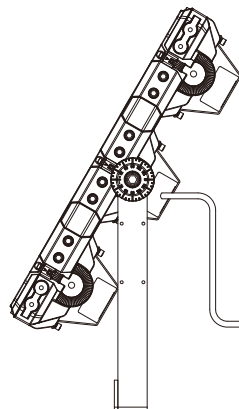
Separate power supply solution

Separate installation method of lamp body and AC-DC power supply



Notes:

The luminaire is not include terminal box(optional parts).
Installation requires guidance from qualified personnel. It must be grounded when used outdoors, and make sure the foundation can support the luminaire.
The light source in this luminaire must be replaced by the staff of supplier, the designated agent, or the similarly qualified electrician only.
The external flexible cables cannot be replaced. If the cable is damaged, luminaire would be destroyed.
This luminaire is not suitable for direct installation on the surface of ordinary combustible materials.



Ⓛ : Brown(Live line)
Ⓜ : Yellow-green(Ground line)
Ⓝ : Blue(Neutral line)