

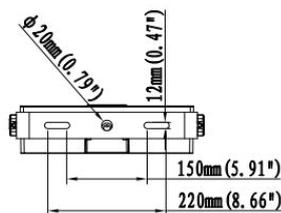
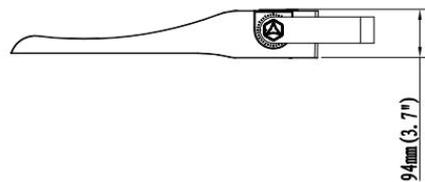
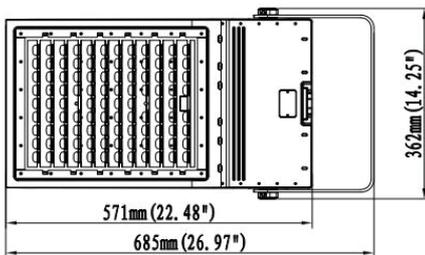


Definiator Pro LED Area Light

Technical Specifications

Description

Definiator Pro LED Area Lights are designed for outdoor lighting applications requiring brightness, energy savings and robust performance. The High output LED and PC lens provides outstanding uniformity and efficiency. The range of asymmetric beam angle makes it suitable for many different applications.



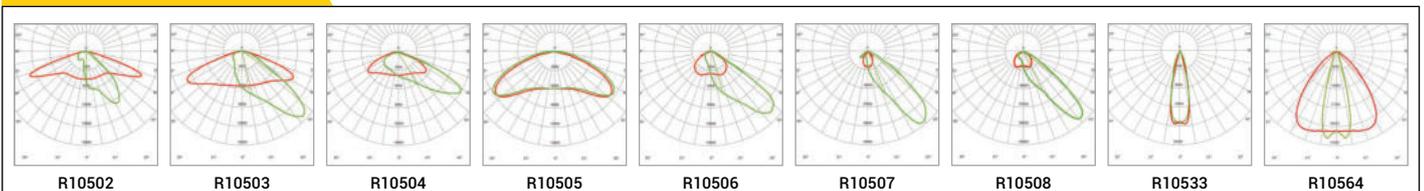
Key Features

- Compact design with 2 sizes (180W & 600W).
- IK10, IP66, 20KV.
- Die cast aluminium housing with external fins, ensuring greater heat dissipation.
- Comes with adjustable U bracket wall mount for easy installation.
- High output lumen efficiency (up to 150lm/W).
- Durable PC optics resist yellowing. More than 9 variety of beam angles to suit different applications, including Type II, III, IV, V.
- House-side shield to avoid intrusive light towards buildings.

Applications

- Car Parks
- Outdoor Sports Fields
- City Squares
- Stadiums
- Service Stations
- Recreational Courts (tennis, basketball, netball)
- Billboard Lighting
- Building Precincts

Photometric Data



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Electrical Information

Type:	Definiator Pro LED Area Light
Model No.	ST11-180 ST11-240 ST11-300 FL48-450 FL48-600
Power Consumption(±5%)	180W 240W 300W 450W 600W
Power Supply	Sosen
Input Voltage	100-240VAC, 50 / 60 Hz
Power Factor	>0.95
Surge Protection	20kV
Driver Type	Constant Current (CC)
Control	Non dimmable 0-10V Dimmable

Optic Information

Type:	Definiator Pro LED Area Light
LED Type	LED 5050
Luminous Flux (±10%)	27000lm 36000lm 45000lm 67500lm 90000lm
Efficacy(5000K Ra70)	150lm/W
Correlated Color Temperature	5000K (3000K, 4000K optional)
Color Rendering Index	Ra70
Beam Angle	R10502, R10503, R10504, R10505, R10506, R10507, R10508, R10533, R10564

Dimensions and Mount

Type:	Definiator Pro LED Area Light
Product Dimension	685×362×94mm 656×635×82mm
Luminaire Net Weight	9.3±0.3 kg 9.9±0.3 kg 15.7±0.3 kg
Export Carton Size	630×410×165mm 735×725×165mm
Gross Weight	10.5±0.3 kg 11.1±0.3 kg 17.7±0.3 kg
Mounting Option	Bracket mount
Material	Aluminum alloy Polycarbonate optical lens
Finish	Powder coating
Fixture Color	Black(RAL9017)
EPA	2.37ft ² /0.22m ²
IK Rating	IK10
IP Rating	IP66

Lifespan and Warranty

Type:	Definiator Pro LED Area Light
Operating Temperature	-30°C to + 50°C
Life Time of LED @Ta=25°C	44000hrs-L90 93000hrs-L80 147000hrs-L70
Warranty	5 Years