

STADION LED SPORTS LIGHT

600W, 1200W, 1800W, IP66



PRODUCT INFORMATION DOCUMENT

CONSTRUCTION

- Die cast aluminium housing
- Tempered glass with polycarbonate lens
- Steel pre-drilled angled bracket
- Stainless steel cable glands

FEATURES

- The STADION LED sports light delivers 86700lm to 264000lm providing a flexible solution for small, medium and large stadium lighting
- Its modular design features tilt-adjustable single LED modules for precise beam control, which could effectively control glare and ensure good uniformity
- Remotely mounted driver, allowing quick maintenance at ground level or desired driver installation location. Allowing up to 50m from fitting position
- Available as narrow (15x110°), medium (25x120°) or wide (25x130°) asymmetric beam angle versions
- Dimmable with DALI systems
- 0-10V, DMX options available through our Conversions Department
- Equipped with 20kV surge protection
- Salt spray tested to 720hr to ensure adequate corrosion protection
- VISOR accessory available for light spillage prevention
- Marine Grade and 4000K colour temperature options available on special orders



WARRANTY



LIFETIME



LUMENS
PER W



IK RATING



IP RATING



OPERATING
VOLTAGE



DIMMING



CCT



SAFETY
CLASS

Product Code:			
Narrow	RSD6057N-04	RSD12057N-04	RSD18057N-04
Medium	RSD6057M-04	RSD12057M-04	RSD18057M-04
Wide	RSD6057W-04	RSD12057W-04	RSD18057W-04
Total Power (W):	608.1	1186	1829
Power Factor:	0.99	0.99	0.99
Total Light Output (lm):	86780/90040/90220	167100/172990/176450	249900/259480/264670
Efficacy (lm/cctW):	143/148/148	141/146/149	137/142/145
Lux at 1m (lux):	48210/37090/29670	96420/74080/59260	144630/11120/89010
CCT (K):	5700	5700	5700
CRI:	70	70	70
SDCM:	6	6	6
UGR:	26.8/27.7/28.4	27.9/28.5/28.7	27.8/29.2/29.7
IP:	66	66	66
Operation Temperature (°C):	-20 ≤ Ta ≤ +40	-20 ≤ Ta ≤ +40	-20 ≤ Ta ≤ +40
Inrush Current:	7.45A/2480us	6.05A/4720us	5.4A/8600us
Rated Life to L70B50 (Hrs):	138000	138000	138000
Rated Life to L80B10 (Hrs):	138000	138000	138000
Rated Life to L90B10 (Hrs):	138000	138000	138000
Dimensions LxWxH (mm):	119x451x329	190x510x648.5	220x514.5x926
Weight Total (kg):	12.25	23.85	32.25
Weight Fitting Only (kg):	7.8	18.1	28.0
Driver Weight (kg):	3.6	4.9	6.4
Clamp Bracket Weight (kg):	0.85	0.85	0.85

Luminaire Windage Area (SCx)

Power	SCX0°*	SCX15°*	SCX30°*	SCX45°*	SCX60°*	SCX75°*	SCX90°*
600W	0.02m²	0.05m²	0.07m²	0.09m²	0.11m²	0.12m²	0.12m²
1200W	0.03m²	0.09m²	0.15m²	0.20m²	0.24m²	0.25m²	0.26m²
1800W	0.03m²	0.13m²	0.22m²	0.31m²	0.35m²	0.38m²	0.40m²

These data refer to the worst case at indicated angle

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Product is certified to all the relevant standards.
Please contact our technical department for market specific compliances.

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Cone Illuminance Diagram

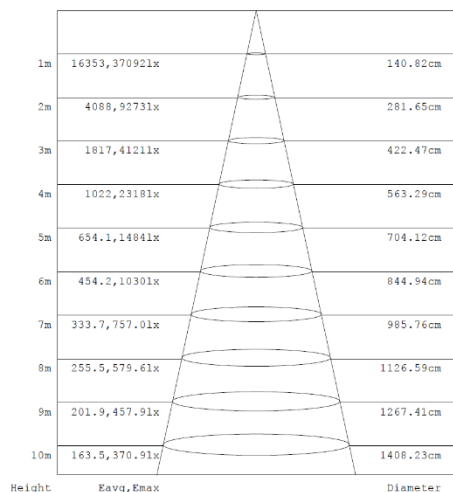
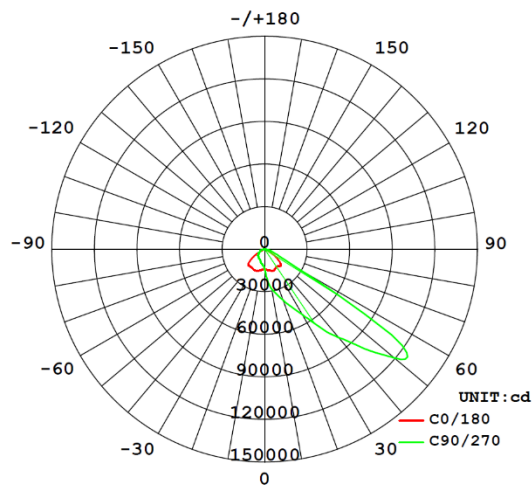
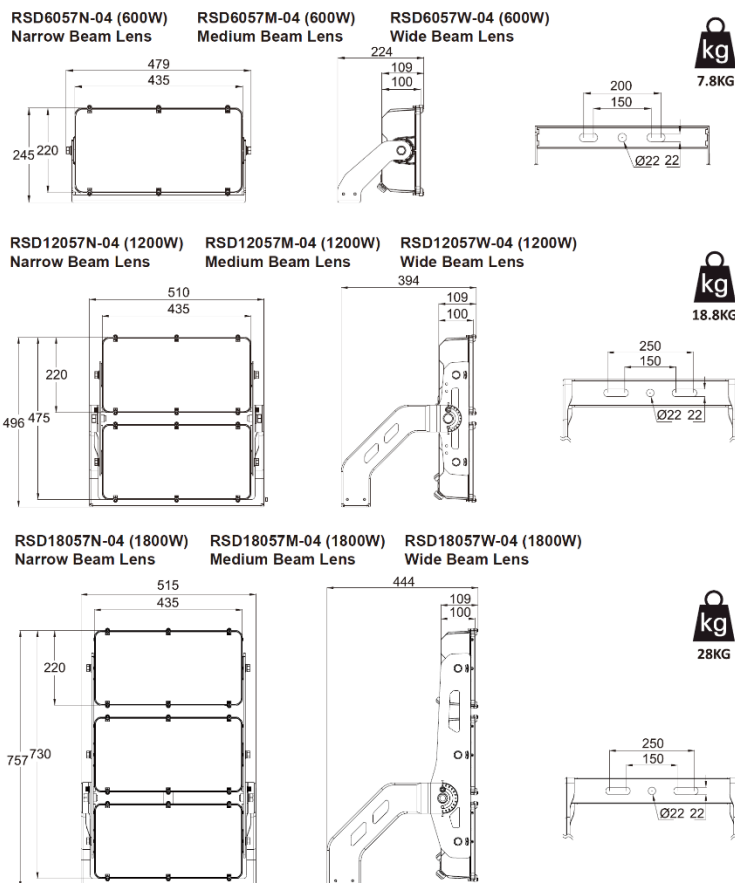


Diagram for RSD6057M-04 in 5700K. Other diagrams available on request

Polar Intensity Diagram



Dimension Diagram



Accessories

RSD-VA STADION Front Visor Accessory
 RSD-AS STADION Aiming Scope Accessory

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