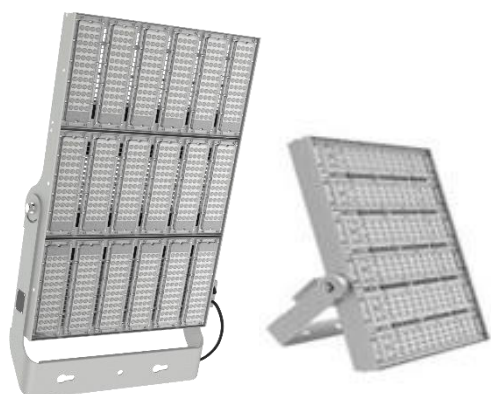


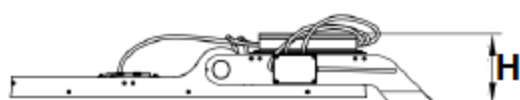
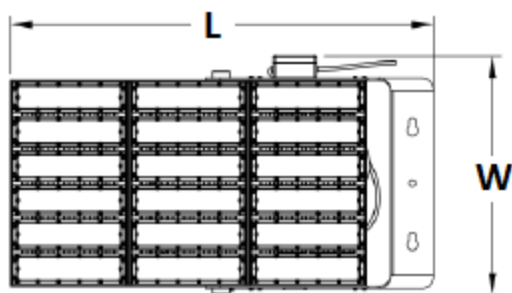
TECHNICAL DESCRIPTION



IS 10322
(Part 5/Sec 5):2013



DIMENSIONS



Wattages	Dimensions L X W X H (mm)	Weight
100W	320 X 212 X 87.5	3.2 kg
150W	320 X 250 X 93	3.9 kg
200W	320 X 340 X 92.5	4.6 kg
300W	320 X 485 X 93	6.0 kg
400W	694 X 385 X 155	10.5 kg
600W	704 X 543 X 160	14.0 kg
900W	975 X 545 X 162	21.0 kg

DESCRIPTION (Tender text)

LED Flood light luminaire (IP66), BIS certified with a body of extruded anodised aluminium, integrated heat sink, a polycarbonate integrated lens protector (light transmittance >90%) with impact resistance of IK10 fixed to the housing and sealed by a rubber gasket to achieve an overall tightness of IP66, easy access driver (IP67) fitted on a bracket made of Cold-rolled steel sheet (SPCC).

Several optical options for symmetric light distribution with 30° (optional 20° or 60x90° (upto 300W) or 90x60° (above 400W)) beam angle.

Mounting with different degrees of Inclination from -90° to +90° in step of 10°.

Overall luminous efficiency of 120lm/W upto 300W and 140lm/W for 400W and above at correlated colour temperature (CCT) of 5700K (optional 3000K & 4000K), colour rendering index (CRI) > 75 and L70 rated lifetime of 50,000 hours.

Electrical Class I, rated voltage 240Vac, Power Factor ≥ 0.90, with BIS certified potted driver having surge protection of 5/10 kV (in Common & Differential Modes).

APPLICATIONS

- Recreational sports arenas
- Parking lots
- Area lighting
- Tunnel lighting



100W



150W



200W



300W



400W



600W



900W

CHARACTERISTICS

- Optimized photometrical & mechanical performance with a minimum TCO (Total Cost of Ownership)
- Excellent photometry for area lighting, high mast, sports arena lighting
- Operating Voltage Range: 240Vac
- Operating temperature range: -40°C to 55°
- Product family ranging from 100W to 900W, helps to maintain symmetry at installations
- Standard Colour: aluminium original colour, light Grey, close to RAL9007
- Mounting with different degrees of Inclination from -90° to +90° in step of 10°
- Surge Protection: 5KV in Differential mode & 10KV in Common mode
- Ingress Protection: IP66
- Impact resistance: IK10

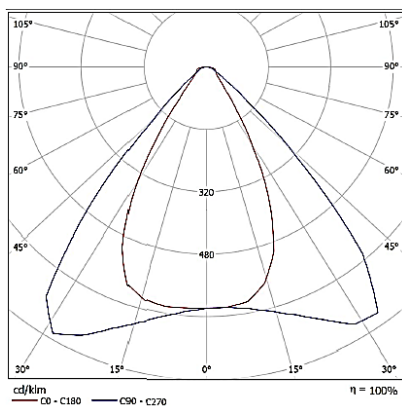
RATING & EFFICACY

Catalogue Reference	Wattage (W)	CCT (K)	CRI	System Efficacy (Lm/W)
K-FLOOD 100W	100	5700	75	120
K-FLOOD 150W	150	5700	75	120
K-FLOOD 200W	200	5700	75	120
K-FLOOD 300W	300	5700	75	120
K-FLOOD 400W	400	5700	75	140
K-FLOOD 600W	600	5700	75	140
K-FLOOD 900W	900	5700	75	140

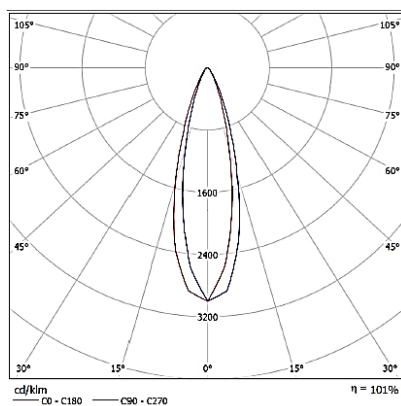
- The system efficacy & power consumption (wattage) of the luminaire are the values at 25°C ambient temperature, as initially tested and are dependent on environmental conditions, like temperature and may vary with specific configurations. Efficacy values are subject to $\pm 5\%$ tolerance at rated voltage.
- Data subjected to change as we keep on adopting latest technologies to keep in sync with market, please consult us.
- Products for special application are also available, Please contact us for details.

Light Distributions

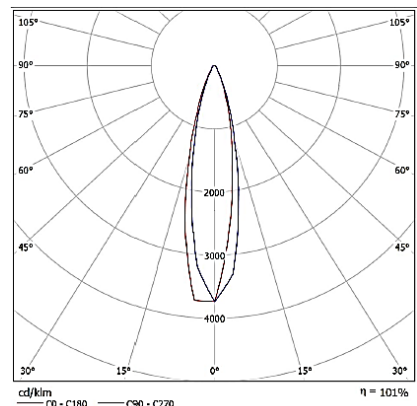
- Each Several optical options for symmetric light distribution with 20°, 30°, 60°x90° beam angles.



60 x 90°



30°



20°

KESELEC ORDERING CODE (KOC)

EXAMPLE: KF-300-57-R4-E8-SM-O7-P3-D0-S5-C2-T1-F3-L12

