

TECHNICAL DESCRIPTION



IS 10322
(Part 5/Sec 5):2013

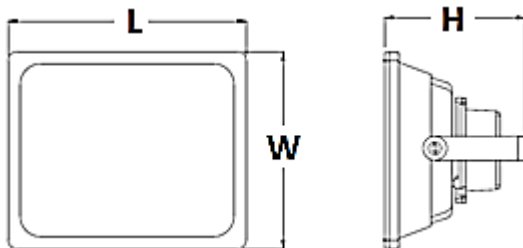
R-91003077

IK08

IP66



DIMENSIONS



Model	Dimensions L x W x H (mm)
SPARTA-60W	225 x 185 x 110
SPARTA-80W	270 x 220 x 115
SPARTA-150W	390 X 290 X 135
SPARTA-200W	425 x 330 x 155
SPARTA-250W	425 x 330 x 155
SPARTA-300W	520 x 330 x 160

APPLICATIONS

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

DESCRIPTION (Tender text)

LED Flood light luminaire, BIS certified with a flat toughened glass protector (IK08), body of high pressure die cast aluminium, separate optical & control gear compartments (IP66).

Several optical options for symmetric light distribution with 15°, 25°, 60° or 90° beam angles.

Bracket suitable for a wall, ground or high mast mounting and pre-cabled as required.

Overall luminous efficiency of 100lm/W or 120lm/W at correlated colour temperature (CCT) of 5700K (optional 3000K & 4000K), colour rendering index (CRI) >70 and L70 rated lifetime of 50,000 hours.

Electrical Class I, rated voltage 240Vac, Power Factor ≥ 0.95, with BIS certified potted driver having internal surge protection of 4/4 kV upto 80W and an additional surge protection device (SPD) of 10/10 kV from 150W and above (in both Common & Differential Modes).

CHARACTERISTICS

- Optimised photometric & mechanical performance with a minimum TCO (Total Cost of Ownership)
- Operating Voltage Range: 240Vac
- Operating temperature range: -10°C to 50°C
- Surge Protection Device: (150W & above) Standard 10kV or optional 20kV SPD
- Electrical class I
- Optional white painted optical compartment for an enhanced performance
- Mounting with different degrees of inclination with a bracket suitable for wall, ground or high mast mounting
- Ingress Protection: IP66
- Impact resistance: IK08

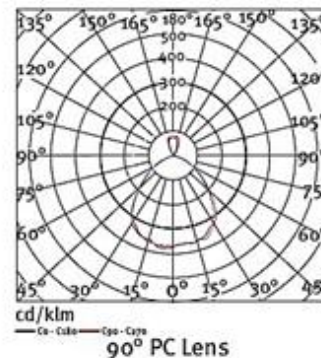
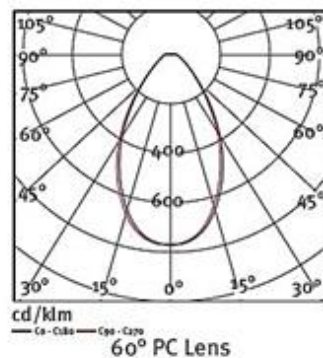
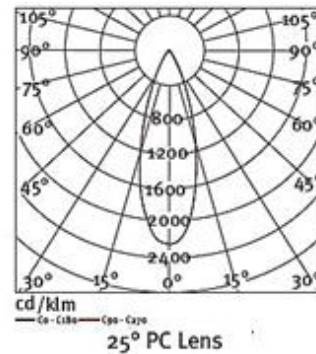
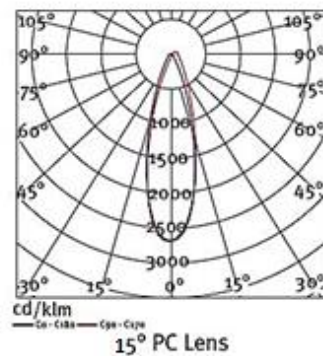
PHOTOMETRY

Catalogue Reference	Wattage (W)	CCT (K)	CRI	Standard Efficacy (Lm/W)	High Efficacy (Lm/W)
SPARTA-60W	60	5700	> 70	100	120
SPARTA-80W	80	5700	> 70	100	120
SPARTA-150W	150	5700	> 70	100	120
SPARTA-200W	200	5700	> 70	100	120
SPARTA-250W	250	5700	> 70	100	120
SPARTA-300W	300	5700	> 70	100	120

- 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 ±7% 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 15°, 25°, 60° or 90° beam angles.



KESELEC ORDERING CODE (KOC)

EXAMPLE: SP-300-57-R0-E6-SM-O12-P1-D0-S4-C1-T1-F4-L14

