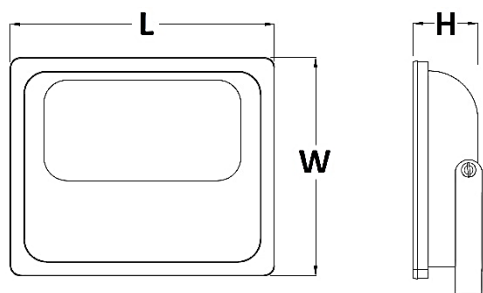


TECHNICAL DESCRIPTION



DIMENSIONS



Model	Dimensions L x W x H (mm)
SPARTA NX-50W	230 x 195 x 52
SPARTA NX-100W	290 x 240 x 58
SPARTA NX-150W	360 X 295 X 72
SPARTA NX-200W	490 x 340 x 75

APPLICATIONS

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

DESCRIPTION (Tender text)

LED Flood light luminaire (IP66), BIS certified with a body of high pressure die cast aluminium, flat toughened glass protector (IK07) and a white polycarbonate film reflector around LEDs.

Several optical options for symmetric light distribution with 30°, 60° or 90° beam angles.

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

Overall luminous efficiency of 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 and an additional surge protection device (SPD) of 10/10 kV from 100W and above (in both Common & Differential Modes).

CHARACTERISTICS

- Die-casting aluminium housing, excellent thermal performance, corrosion resistance, and longer life span.
- White reflector around LED in optical compartment for an enhanced optical performance
- Mounting with different degrees of inclination with a bracket suitable for wall, ground or high mast mounting.
- Several light distribution options.
- Rated Voltage: 240Vac
- Operating temperature range: -10°C to 50°C
- Surge Protection Device: Standard 10kV or optional 20kV SPD
- Electrical class I
- Ingress Protection: IP66
- Impact resistance: IK07

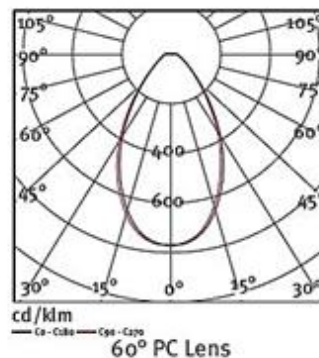
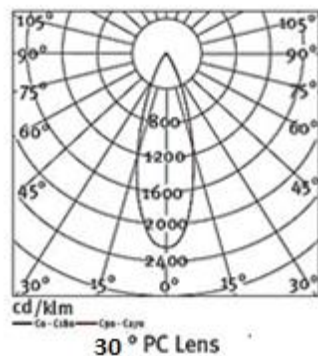
PHOTOMETRY

Catalogue Reference	Wattage (W)	CCT (K)	CRI	High Efficacy (Lm/W)
FL-50W (SPARTA NX)	50	5700	70	120
FL-100W (SPARTA NX)	100	5700	70	120
FL-150W (SPARTA NX)	150	5700	70	120
FL-200W (SPARTA NX)	200	5700	70	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.

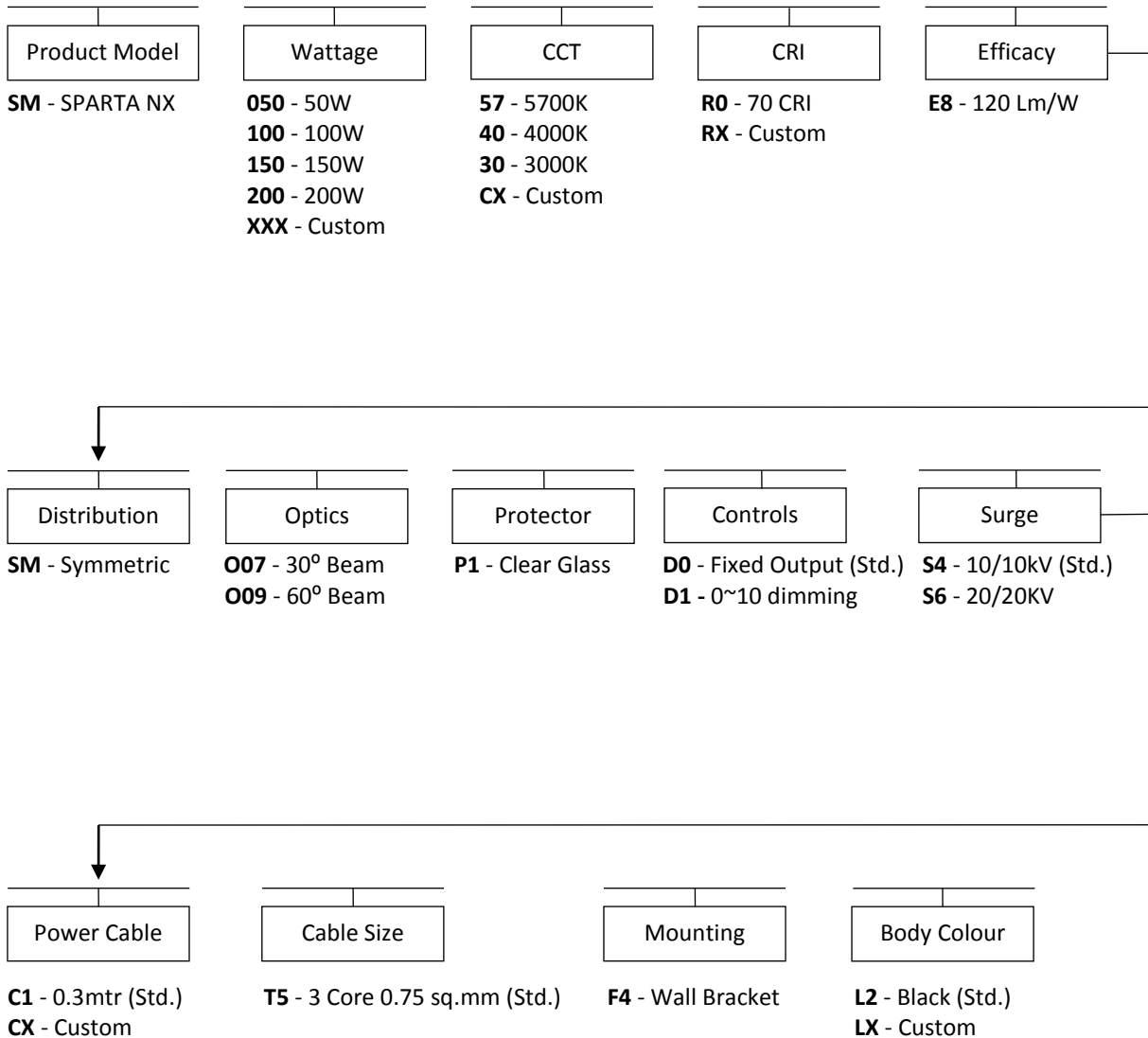
Light Distributions

- Each Several optical options for symmetric light distribution with 30°, 60° or 90° beam angles.



KESSELEC ORDERING CODE (KOC)

EXAMPLE: SM-200-57-R0-E8-SM-O09-P1-D0-S4-C1-T5-F4-L2



* Custom requirement for each category is to be defined.