

**TECHNICAL DESCRIPTION**

**DESCRIPTION (Tender text)**



LED Street light luminaire (IP66), BIS certified with a highly efficient temperature resistant clear polycarbonate protector (IK07), body of high pressure die cast aluminium.

Several optical options providing excellent photometry. Secondary lens array for optimized roadway photometric distribution.

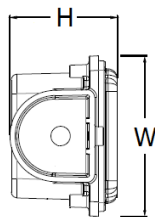
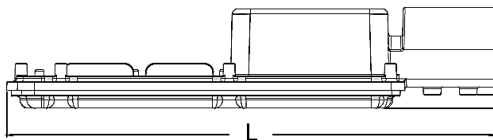
Suitable for horizontal mounting for 32mm diameter pipe and pre-cabled as required.

Overall system efficiency of 110lm/W at correlated colour temperature (CCT) of 5700K (optional 3000K & 4000K), colour rendering index (CRI) >70 and L70 rated service lifetime of 50,000 hours.

Electrical Class I, rated voltage 240V, Power Factor ≥ 0.95, with BIS certified potted driver having internal surge protection of 4kV (in both Common & Differential Modes).



**DIMENSIONS**



Wattage (W)	Dimensions L x W x H (mm)	Spigot Diameter Ø (mm)
15W	270 x 83 x 55	32
20W	270 x 83 x 55	32

**CHARACTERISTICS**

- Optimised photometric & mechanical performance with a minimum TCO (Total Cost of Ownership)
- Operating Voltage Range: 240VAC
- Electrical class I
- Operating temperature range: -20°C to 50°C
- Potted LED driver
- Highly efficient PC protector (IK07)
- Body of high pressure die cast aluminium
- Suitable for a horizontal mounting of 32mm diameter
- Pre-cabled 0.3m
- Ingress Protection: IP66
- Impact resistance: IK07

**APPLICATIONS**

- Municipal Roads
- Town Roads
- Driveways
- Parking
- Cycle tracks
- Pedestrian areas

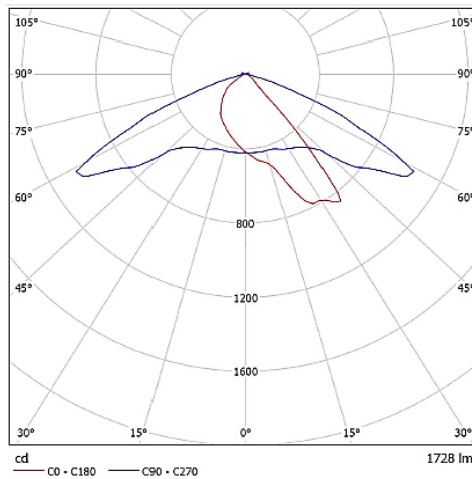
**RATING & EFFICACY**

Catalogue Reference	Wattage (W)	CCT (K)	CRI	System Efficacy (Lm/W)
GEO NU (SL) 15W	15	5700	70	110
GEO NU (SL) 20W	20	5700	70	110

- 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 ±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.

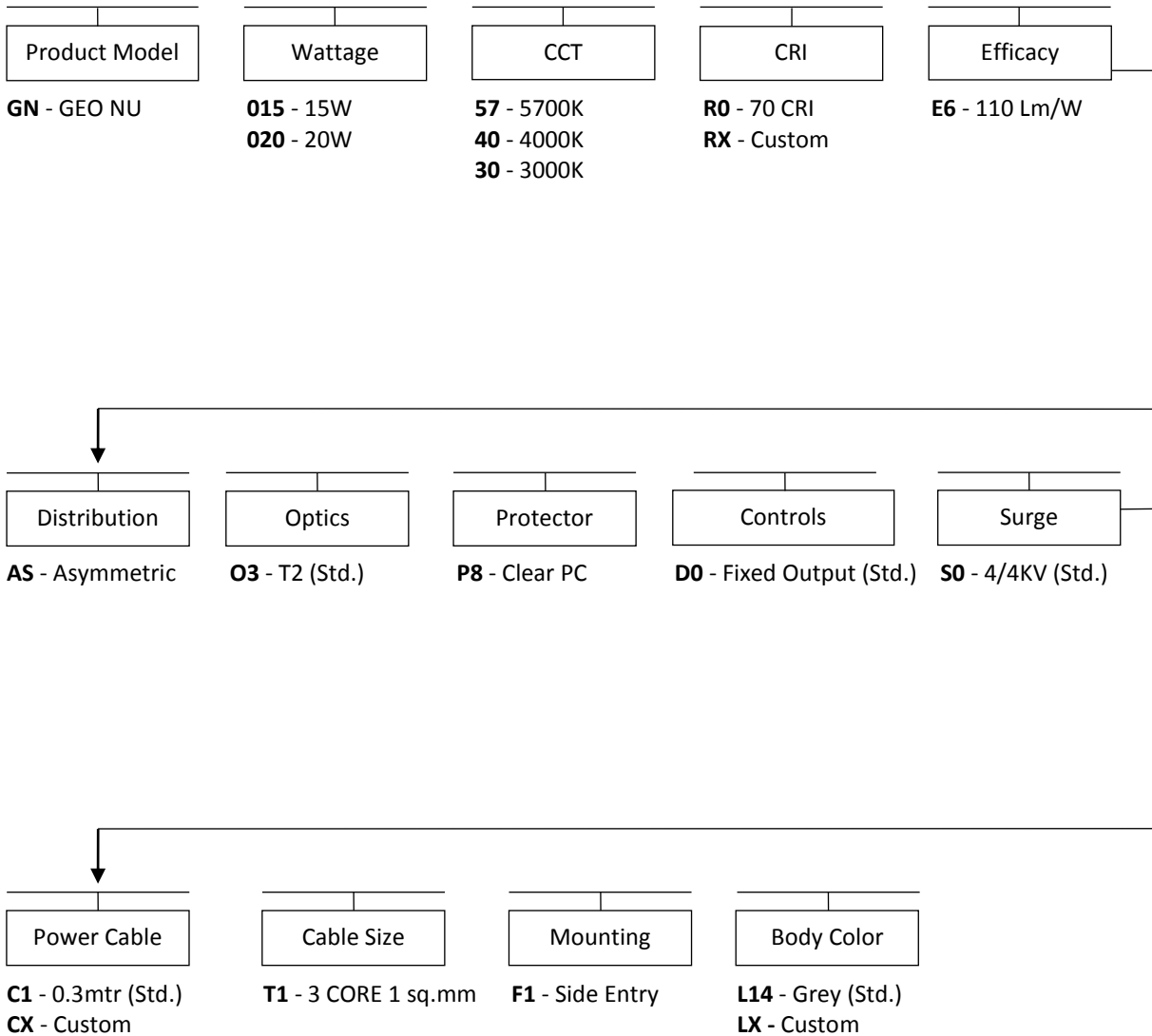
**Light Distributions**

- Excellent photometry for optimized roadway photometric distribution.



**KESSELEC ORDERING CODE (KOC)**

**EXAMPLE:** GN 015 57 R0 E6 AS O3 P8 D0 S0 C1 T1 F1 L14



\* Custom requirement for each category is to be defined.