

TECHNICAL DESCRIPTION

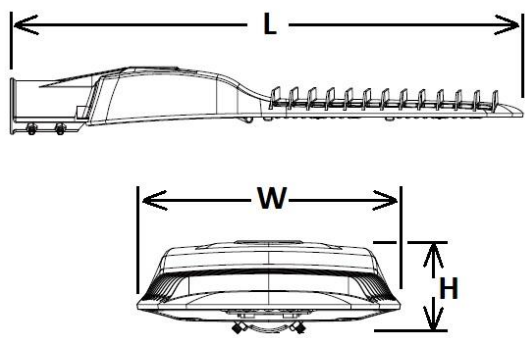
DESCRIPTION (Tender text)



IS 10322 (Part 5/Sec 3):2012
R-91003158

IK10 IP66

DIMENSIONS



Model	Wattages (W)	Dimensions L x W x H (mm)
Micro	40W	430 x 155 x 91
Mini	60W	490 x 176 x 86
Mini Plus	70W 90W	605 x 240 x 89
MIDI	120W 150W	715 x 270 x 94
MAXI	200W 240W 300W	800 x 318 x 91

LED Street light luminaire, BIS certified with a highly efficient temperature resistant integrated lenses PC protector (IK10), body of high pressure die cast aluminium, separate IP66 optical and control gear compartments.

Several optical options providing excellent photometry to optimally cater to all kinds of road configurations.

Suitable for horizontal mounting for 60mm diameter pipe, a vent pressure equalization unit, provision for installation of NEMA socket and pre-cabled as required.

Overall system efficacy of 125lm/W or 140lm/W at correlated colour temperature (CCT) of 4000K (optional 3000K & 5700K), 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 (in both Common & Differential Modes).



APPLICATIONS

- Highways and Main Road Lighting
- Parking lots and Area Lighting
- City Roads

CHARACTERISTICS

- Efficient, reliable with High System efficacy
- Optimised photometric & mechanical performance with a minimum TCO (Total Cost of Ownership)
- Separate optical & control gear compartment
- Operating Voltage Range: 240Vac
- Operating temperature range: -10°C to 50°C
- Surge Protection Device: Standard 10kV or optional 20kV SPD
- Fitted with Vent for pressure equalization
- Suitable for horizontal mounting on Ø60mm pipe
- Option of angle adjustable adaptor suitable for horizontal & vertical mounting
- Option of NEMA socket for smart lighting
- Ingress Protection: IP66
- Impact resistance: IK10

RATING & EFFICACY

Catalogue Reference	Wattage (W)	CCT (K)	CRI	System Efficacy (Lm/W)	
				(with 3030 LED)	(with 5050 LED)
RUSE MICRO 40W	40	4000	> 70	125	140
RUSE MINI 60W	60	4000	> 70	125	140
RUSE MINI PLUS 70W	70	4000	> 70	125	140
RUSE MINI PLUS 90W	90	4000	> 70	125	140
RUSE MIDI 120W	120	4000	> 70	125	140
RUSE MIDI 150W	150	4000	> 70	125	140
RUSE MAXI 200W	200	4000	> 70	125	140
RUSE MAXI 240W	240	4000	> 70	125	140
RUSE MAXI 300W	300	4000	> 70	125	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 ±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.

Features



**VentPlug
(optional)**



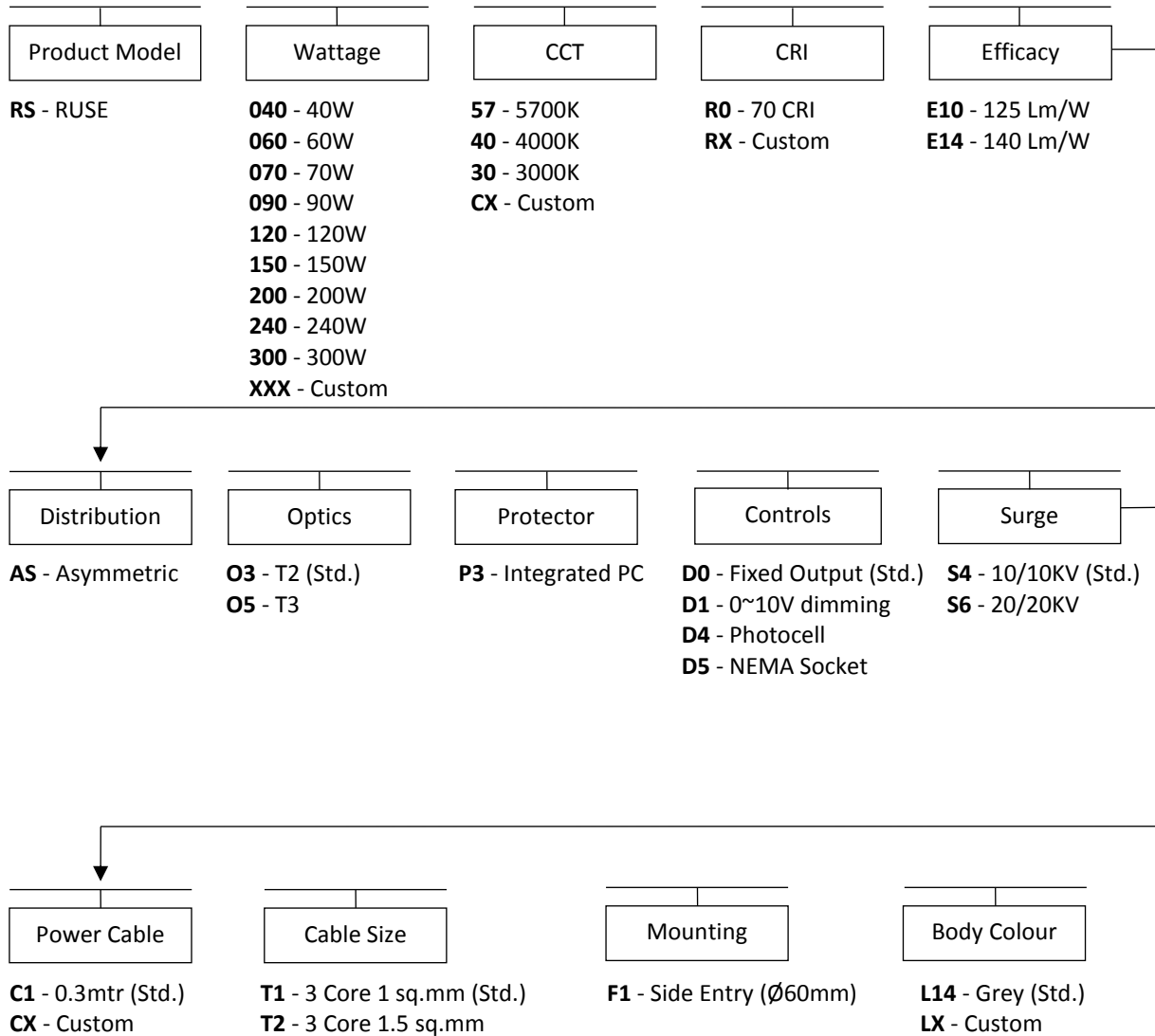
**NEMA Provision
(optional)**



**Adjustable Adaptor for horizontal & vertical mounting
(optional)**

KESELEC ORDERING CODE (KOC)

EXAMPLE: RS-040-40-R0-E10-AS-O3-P3-D0-S4-C1-T1-F1-L14



* Custom requirement for each category is to be defined.