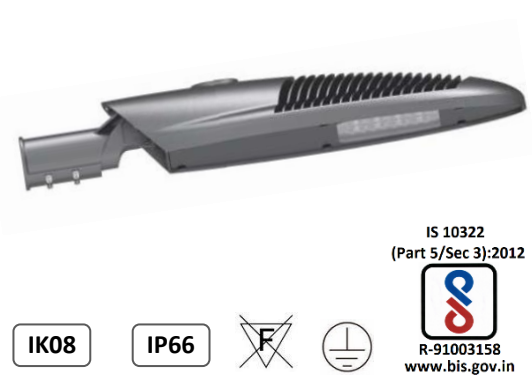


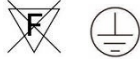
TECHNICAL DESCRIPTION



IS 10322
(Part 5/Sec 3):2012

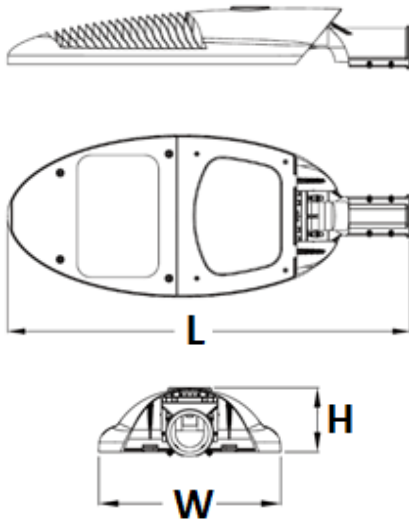
IK08

IP66



R-91003158
www.bis.gov.in

DIMENSIONS



Model	Wattages (W)	Dimensions L x W x H (mm)
Micro	30W	613 x 256 x 115
	50W	
Mini	60W	670 x 270 x 104
	90W	
Midi	120W	740 x 300 x 106
	150W	

APPLICATIONS

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

DESCRIPTION (Tender text)

LED Street light luminaire (IP66), BIS certified with a flat toughened glass protector (IK08) screen printed for enhanced aesthetics and better light control, body of high pressure die cast aluminium.

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

Suitable for both horizontal and vertical mounting for 60mm diameter pipe with an adjustable bracket (in steps of 5°) from -20° to +15°, a spirit level indicator with respect to the horizontal plane, provision for installation of NEMA socket and pre-cabled as required.

Overall luminous efficiency of 120lm/W & 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).

CHARACTERISTICS

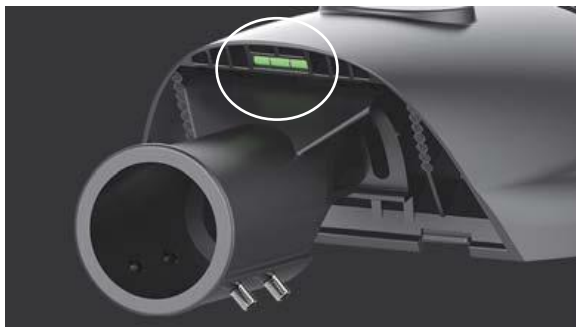
- Perfectly designed heat sinks for higher wattages and better heat dissipation
- Operating Voltage Range: 240Vac
- Operating Temperature: -10°C to +50°C
- Surge Protection Device: Standard 10kV or optional 20kV SPD
- Spirit level indicator with respect to horizontal plane
- Ø60mm (optional: Ø42mm & Ø72mm) adjustable adaptor suitable for horizontal & vertical mounting
- Mounting with different degrees of Inclination in steps of 5° from -20° to +15° for easy and quick on-site optical compartment adjustment
- Option of NEMA socket for smart lighting

PHOTOMETRY

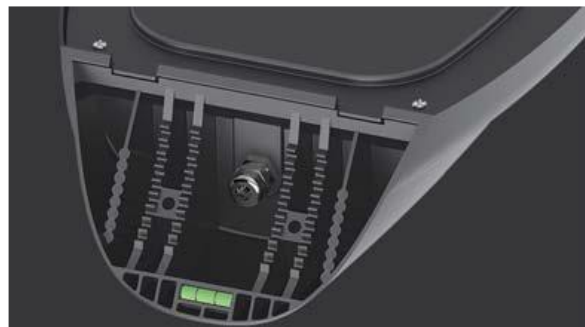
Catalogue Reference	Wattage (W)	CCT (K)	CRI	System Efficacy (with 3030 LED)	System Efficacy (with 5050 LED)
ROMA NU 30W	30W	4000	70	120	140
ROMA NU 50W	50W	4000	70	120	140
ROMA NU 60W	60W	4000	70	120	140
ROMA NU 90W	90W	4000	70	120	140
ROMA NU 120W	120W	4000	70	120	140
ROMA NU 150W	150W	4000	70	120	140

- 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



Leveling Device



Tiltable Mounting Adaptor



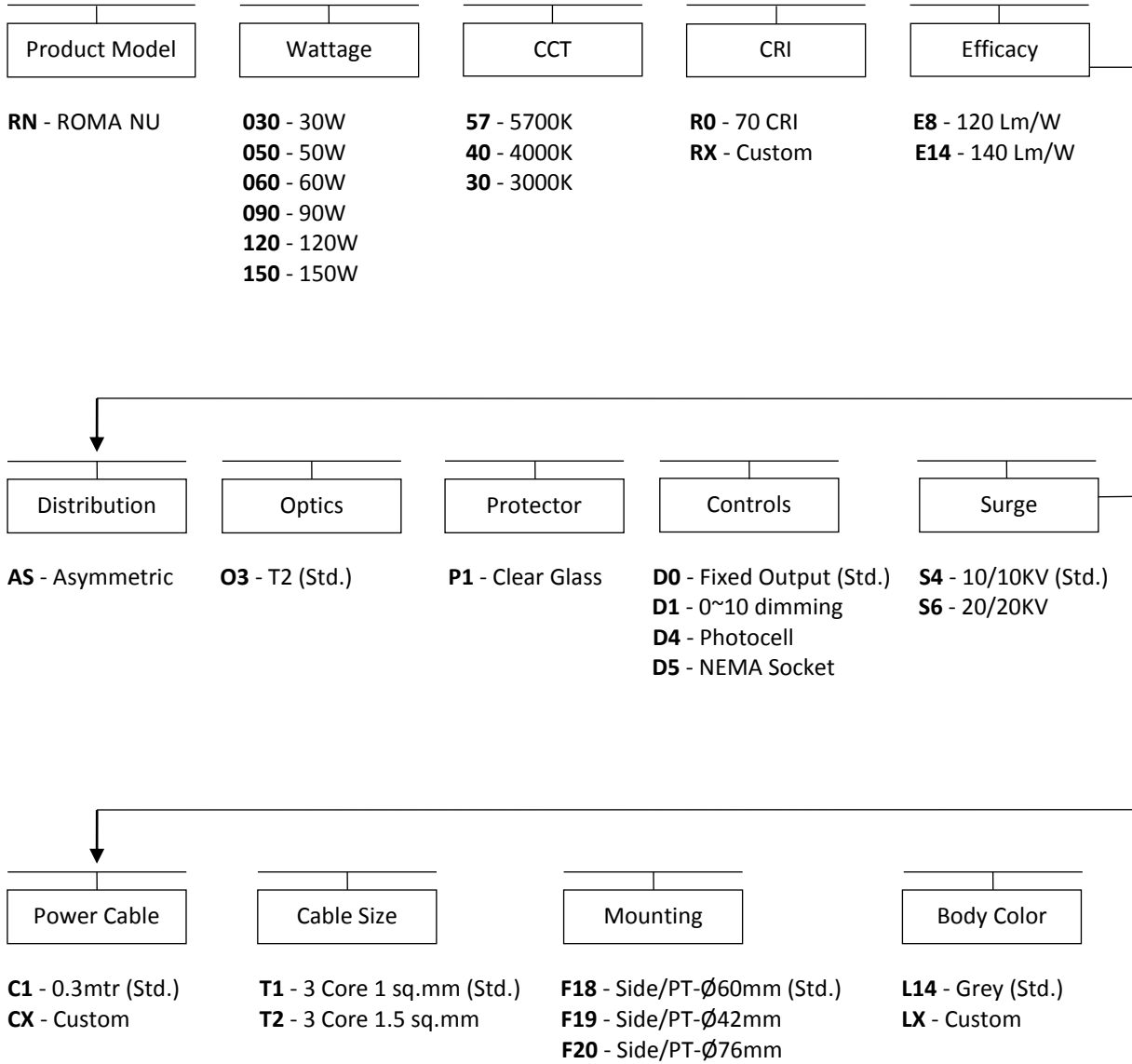
Adjustable Adaptor for horizontal & vertical mounting



NEMA Provision

KESELEC ORDERING CODE (KOC)

EXAMPLE: RN-120-57-R0-E8-AS-O3-P1-D0-S4-C1-T1-F18-L14



* Custom requirement for each category is to be defined.