

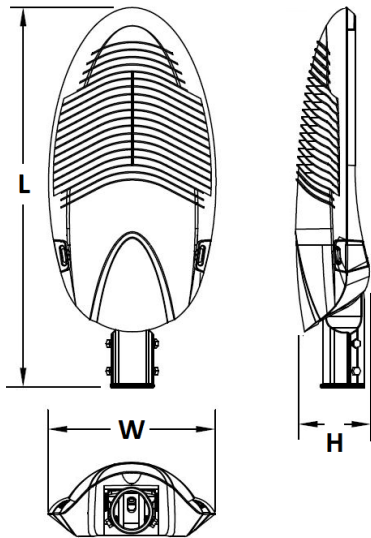
TECHNICAL DESCRIPTION



IS 10322
(Part 5/Sec 3):2012



DIMENSIONS



Model	Wattages (W)	Dimensions L x W x H (mm)
ROMA	35W 60W	691 x 305 x 134
ROMA	90W 120W	691 x 305 x 134
ROMA	150W 200W 240W	829 x 385 x 172

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, with a control gear cover designed for tool free opening and closing. 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 -15° to +15°, automatic electrical disconnection on opening of control gear compartment, a spirit level indicator with respect to the horizontal plane, a vent pressure equalization unit, provision for installation of NEMA socket and pre-cabled as required.

Overall luminous efficiency of 110lm/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 (in both Common & Differential Modes).

CHARACTERISTICS

- Perfectly designed heat sinks for higher wattages and better heat dissipation
- Automatic electrical disconnection
- Operating Voltage Range: 240Vac
- Surge Protection Device: Standard 10kV or optional 20kV SPD
- Fitted with Vent for pressure equalization
- Spirit level indicator with respect to horizontal plane
- Ø60mm adjustable adaptor suitable for horizontal & vertical mounting
- Mounting with different degrees of Inclination in steps of 5° from -15° to +15°
- Option of NEMA socket for smart lighting

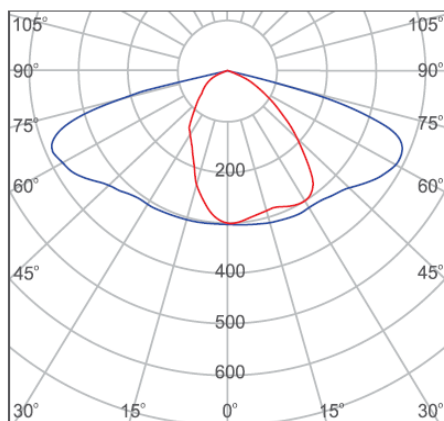
PHOTOMETRY

Catalogue Reference	Wattage (W)	CCT (K)	CRI	System Efficacy (Lm/W)
ROMA 35W	35W	5700	> 70	110
ROMA 60W	60W	5700	> 70	110
ROMA 90W	90W	5700	> 70	110
ROMA 120W	120W	5700	> 70	110
ROMA 150W	150W	5700	> 70	110
ROMA 200W	200W	5700	> 70	110
ROMA 240W	240W	5700	> 70	110

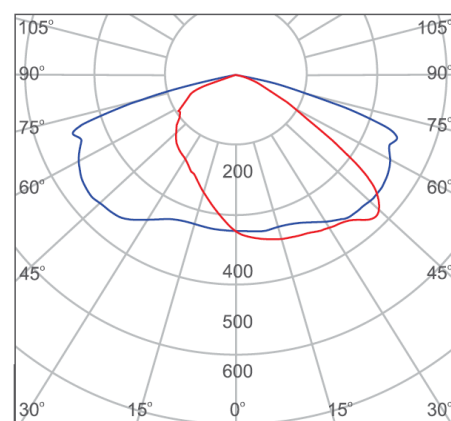
- The system efficacy & power consumption (wattage) of the luminaire are the values at 25°C ambient temperature, as initially tested and are dependent on environmental conditions, like temperature and may vary with specific configurations. Efficacy values are subject to ±5% tolerance at rated voltage.
- 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

- Several optical options providing excellent photometry to optimally cater to different applications.
- It can cover larger area with increased pole span & reduced number of luminaires.



Cd/klm
— Co - C180 — C90 - C270



Cd/klm
— Co - C180 — C90 - C270

KESELEC ORDERING CODE (KOC)

EXAMPLE: RM-200-57-R0-E6-AS-O4-P1-D0-S4-C1-T1-F1-L14

