

TECHNICAL DESCRIPTION

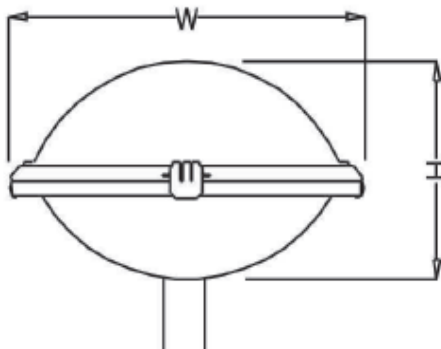


IK07

IP66



DIMENSIONS



Model	Wattage (W)	Dimensions W x H (mm)
MOON	40	510 x 325
	60	
	75	
	90	
	110	

APPLICATIONS

- Pathway
- Jogging track
- Green areas and parks
- Landscape areas
- Residential streets
- Bridges

DESCRIPTION (Tender text)

Decorative classic LED street lantern, BIS certified with a luminaire body made of spun aluminium, permanently sealed optical block (IP66) with heat sink and a PMMA protector IK07 (optional flat glass IK08) fitted with a VentPlug pressure equalisation unit, fixed onto a hinged spun aluminium frame, control gear compartment (IP44) accessed by opening clamps for tool free access.

Highly efficient temperature resistant lenses for symmetric or asymmetric light distribution with several optical options providing excellent photometry to optimally cater to different applications.

Several mounting options suitable for suspended or Pole Top or Post Top mounting.

Overall system efficiency of 130lm/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

- Separate "sealed" optical and control gear compartments
- Tool less opening for gaining access to the control gear compartment
- Electrical class I
- Operating temperature range -10°C to 50°C.
- Operating Voltage Range: 240Vac
- Surge Protection Device: Standard 10kV and optional 20kV SPD
- Fitted with Vent for pressure equalization
- Versions with Impact resistance of IK07 (with PMMA) and IK08 (with flat glass)
- Ingress Protection: IP66
- Impact resistance: IK07

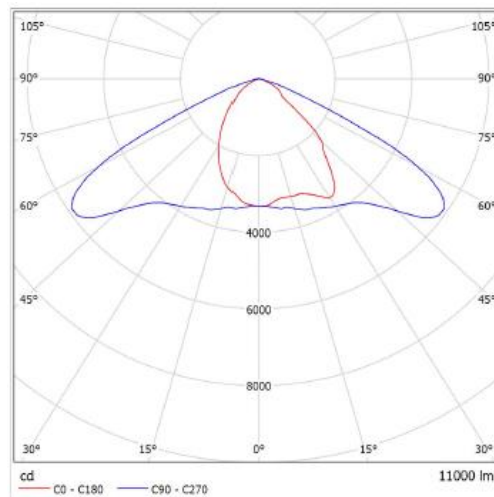
RATING & EFFICACY

Catalogue Reference	Wattage (W)	CCT (K)	CRI	System Efficacy (Lm/W)	High Efficacy (Lm/W)
MOON 40W NW	40W	4000	> 70	130	140
MOON 60W NW	60W	4000	> 70	130	140
MOON 75W NW	75W	4000	> 70	130	140
MOON 90W NW	90W	4000	> 70	130	140
MOON 110W NW	110W	4000	> 70	130	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 $\pm 5\%$ 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

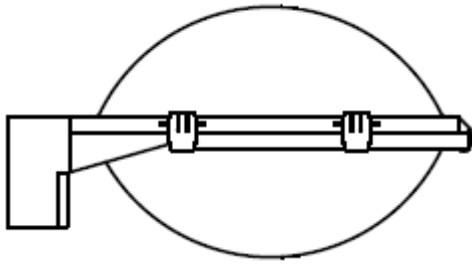


MOON

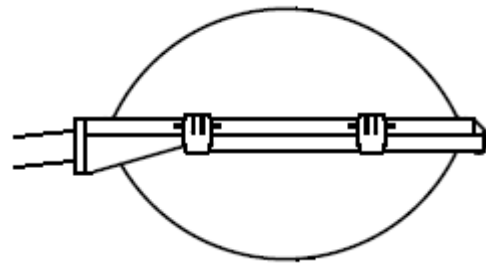
Decorative Classic LED street lantern



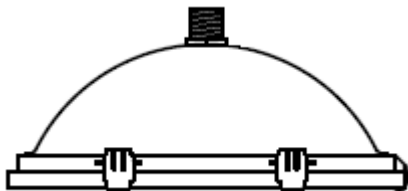
Mounting (Typical)



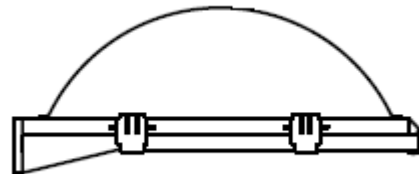
POLE TOP MOON



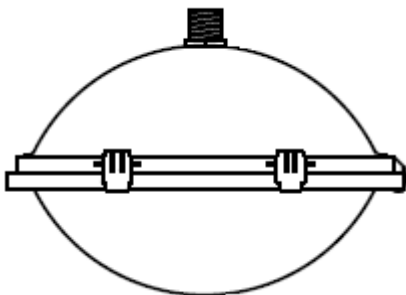
SIDE MOUNTED MOON



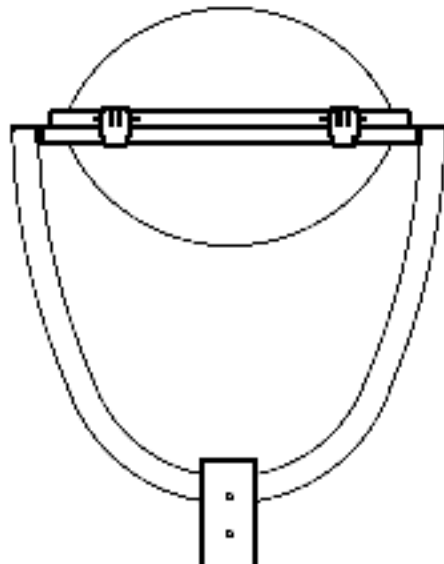
SUSPENDED MOON WITH GLASS



WALL MOUNTED MOON WITH GLASS



SUSPENDED MOON



POST TOP MOON WITH U-BRACKET

Kesslec Smart Lighting Technologies Private Limited

55 Industrial Area | NIT | Faridabad | Haryana – 121001 | India

M: +91 85275 86444 | info@kesslec.com

www.kesslec.com

V 1.30 | July 2021

Copyright © Kesslec Smart Lighting Technologies Pvt. Ltd. All Rights Reserved. This document is the sole property of Kesslec.

KESELEC ORDERING CODE (KOC)

EXAMPLE: MN-040-57-R0-E9-AS-O6-P6-D0-S4-C0-T0-F5-L14

