

# PORTO-NU

Decorative Classic LED street lantern



## TECHNICAL DESCRIPTION



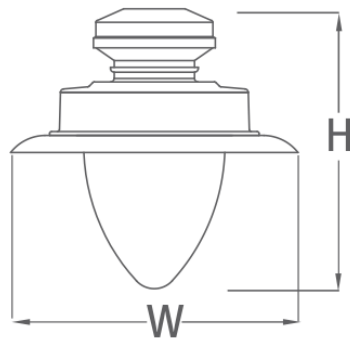
IS 10322  
(Part 5/Sec 3):2012

IK09

IP66



### DIMENSIONS



Model	Wattage (W)	Dimensions W x H (mm)
	40	
	60	
PORTO-NU	75	575 x 590
	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 an anti UV PC protector (IK09) fitted with a VentPlug pressure equalisation unit, fixed onto a hinged spun aluminium frame, control gear compartment (IP65) for tool free opening and closing.

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

Suitable for suspended mounting or a galvanised painted mounting bracket for Post Top version.

Overall system efficiency of 120lm/W at correlated colour temperature (CCT) of 4000K (optional 3000K & 5700K), colour rendering index (CRI) >70 (optional 80 CRI) and L70 rated lifetime of 50,000 hours.

Electrical Class I, rated voltage 240Vac, Power Factor  $\geq 0.95$ , 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
- Electrical disconnect for ease of serviceability (optional)
- All hardware are of stainless steel for longer life.

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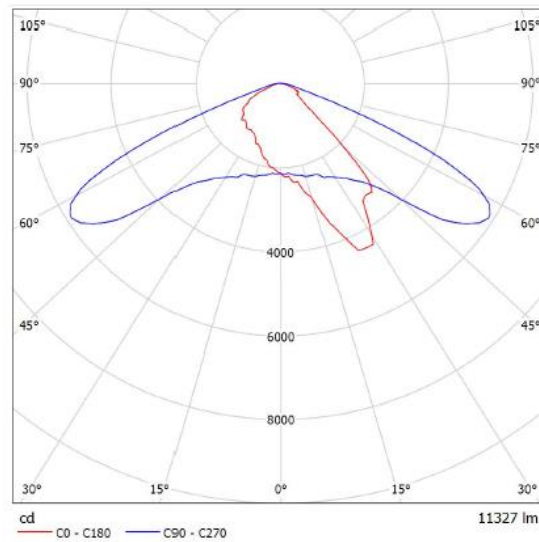
## RATING & EFFICACY

Catalogue Reference	Wattage (W)	CCT (K)	CRI	System Efficacy (Lm/W)
PORTO-NU (ASYM)	40W	4000	> 70	120
PORTO-NU (ASYM OR SYM)	60W	4000	> 70	120
PORTO-NU (ASYM OR SYM)	75W	4000	> 70	120
PORTO-NU (ASYM OR SYM)	90W	4000	> 70	120
PORTO-NU (ASYM)	110W	4000	> 70	120

- 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 ±7% 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



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## Mounting (Typical)



### SUSPENDED

- Asymmetric lighting for roads
- Single or double-sided installation



Version - I



Version - II

### POST TOP

- Asymmetric lighting for roads
- Symmetric for parks, pedestrian areas

## Versions



**PORTO NU:-**  
With Polycarbonate (IK09) protector



**PORTO NU:-**  
With PMMA (IK07) protector

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## KESELEC ORDERING CODE (KOC)

**EXAMPLE:** PN-040-57-R0-E8-AS-O6-P8-D0-S4-C0-T0-F5-L5

