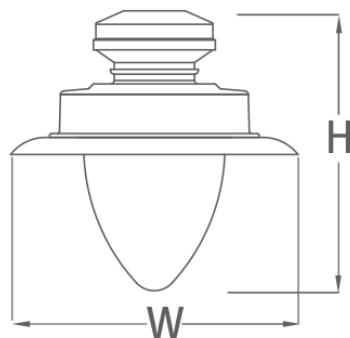


## TECHNICAL DESCRIPTION



### DIMENSIONS



Model	Wattage (W)	Dimensions W x H (mm)
PORTO-NU	40	575 x 590
	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 an anti UV PC protector (IK09) fitted with a VentPlug pressure equalisation unit, fixed onto a hinged spun aluminium frame, control gear compartment (IP65) accessed by opening two clamps 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 115lm/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  $\geq 0.95$ , 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.

Kesslec Smart Lighting Technologies Pvt. Ltd.  
(Formerly Kesselec Lighting Pvt. Ltd.)

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

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Registered Office: 69 Friends Colony West | New Delhi 110 065 | India

CIN No.: U34506DL1996PTC079231

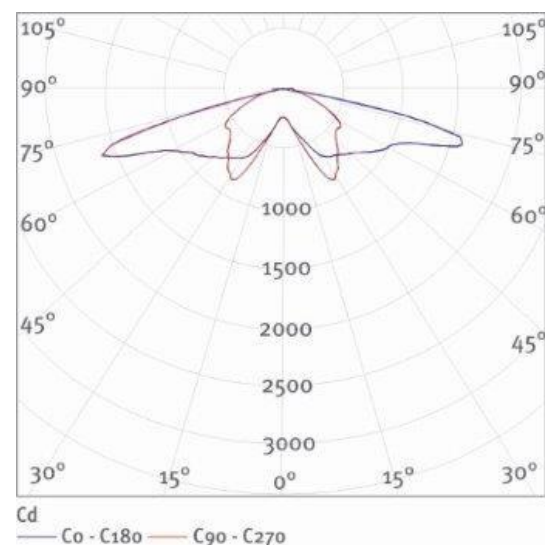
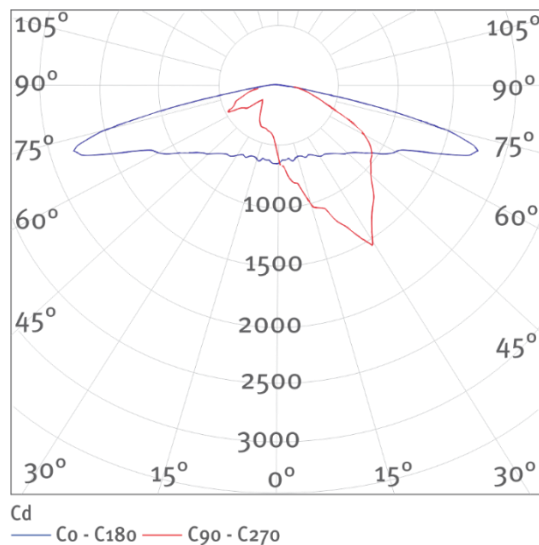
## RATING & EFFICACY

Catalogue Reference	Wattage (W)	CCT (K)	CRI	System Efficacy (Lm/W)
PORTO-NU (ASYM)	40W	4000	> 70	115
PORTO-NU (ASYM OR SYM)	60W	4000	> 70	115
PORTO-NU (ASYM OR SYM)	75W	4000	> 70	115
PORTO-NU (ASYM OR SYM)	90W	4000	> 70	115
PORTO-NU (ASYM)	110W	4000	> 70	115

- 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



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# PORTO-NU

Decorative Classic LED street lantern



## 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



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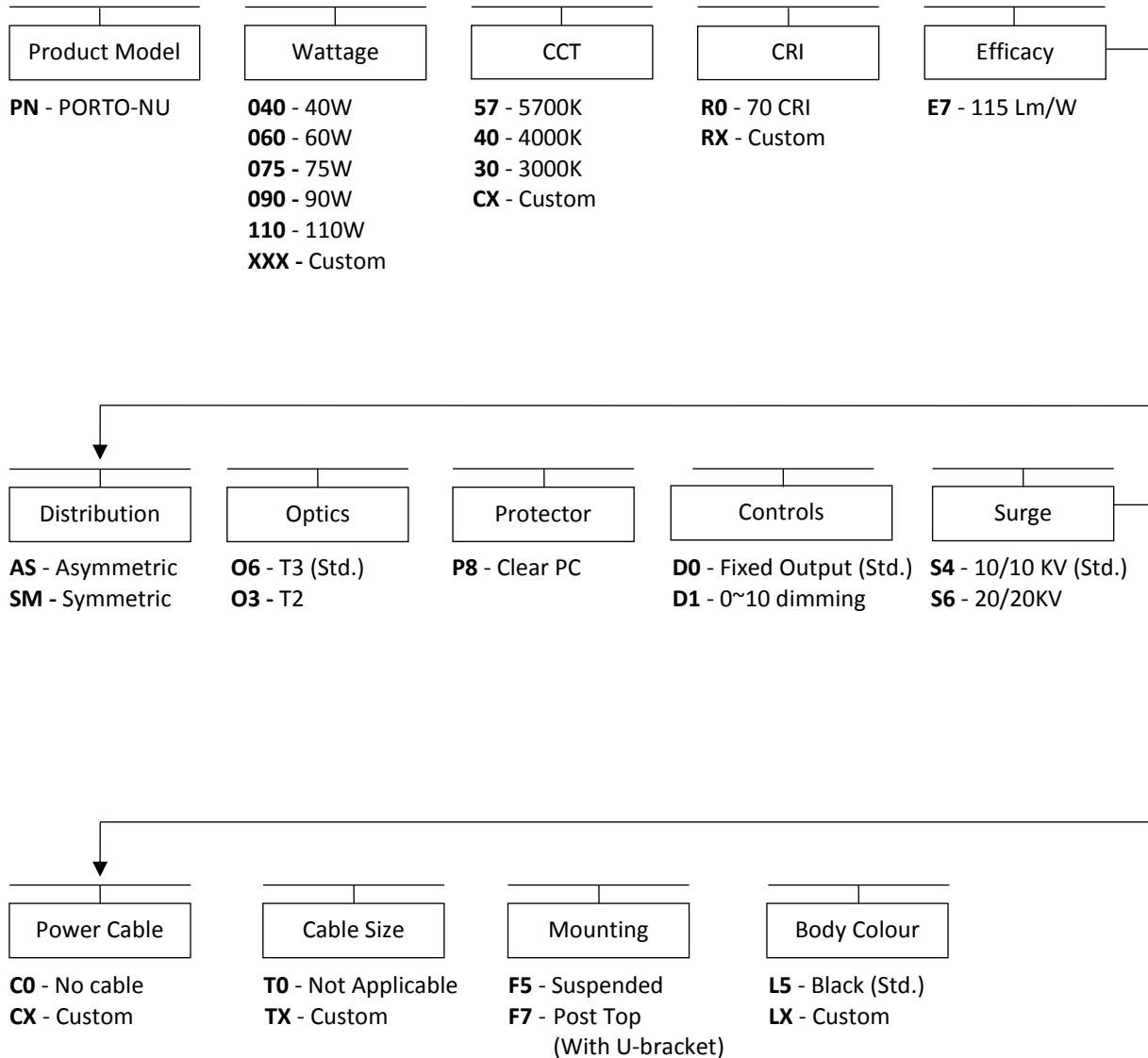
# PORTO-NU

Decorative Classic LED street lantern



## KESELEC ORDERING CODE (KOC)

**EXAMPLE:** PN-040-57-R0-E7-AS-O6-P6-D0-S4-C0-T0-F5-L5



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