

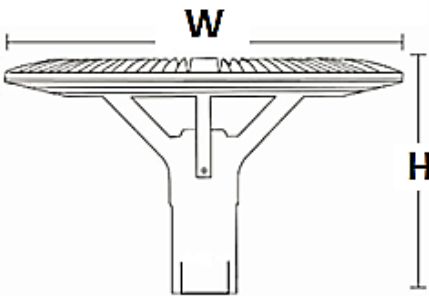
**TECHNICAL DESCRIPTION**



IS 10322  
(Part 5/Sec 3):2012



**DIMENSIONS**



Model	Wattage (W)	Dimensions W x H (mm)
WELS	30	600 x 430
	40	
	50	
	60	

**APPLICATIONS**

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

**DESCRIPTION (Tender text)**

LED Decorative Post top Luminaire, BIS certified with a grey painted top made high pressure die casted aluminium and three supporting ribs made of high pressure die casted aluminium, a structured polycarbonate protector (IK08) permanently sealed with the body to achieve separate IP66 optical & IP65 control gear compartments. Suitable for post top mounting on 76mm OD diameter pipe. All hardware shall be of stainless steel for longer life.

The optics of the luminaire shall be designed for efficient symmetric light distribution providing excellent photometry. Design life shall not be less than 50,000 burning hours @ L70. The light engine shall incorporate mid power LEDs in the Luminaires.

Overall luminous efficiency of luminaire shall be 100 Lm/W ± 7% at correlated colour temperature (CCT) of 4000K with tolerance as per ANSI standard (other available options are 3000K & 5700K), colour rendering index (CRI)>70.

Electrical Class I, rated voltage 240Vac, Power Factor ≥ 0.95, with BIS certified potted driver having internal surge protection of 4/4 kV (in both Common & Differential Modes). Shall be supplied pre-cabled (0.3m) for easy installation.

Protection features: Short Circuit and Open Circuit Protection for LED. It should survive input voltage stress of 440V for 8 hours.

**CHARACTERISTICS**

- Separate “sealed” optical and control gear compartments
- Electrical class I
- Operating temperature range -10°C to 50°C.
- Operating Voltage Range: 240Vac
- All hardware are of stainless steel for longer life.
- Suitable for post top mounting on 76mm diameter pipe
- Ingress Protection: IP66
- Impact resistance: IK08

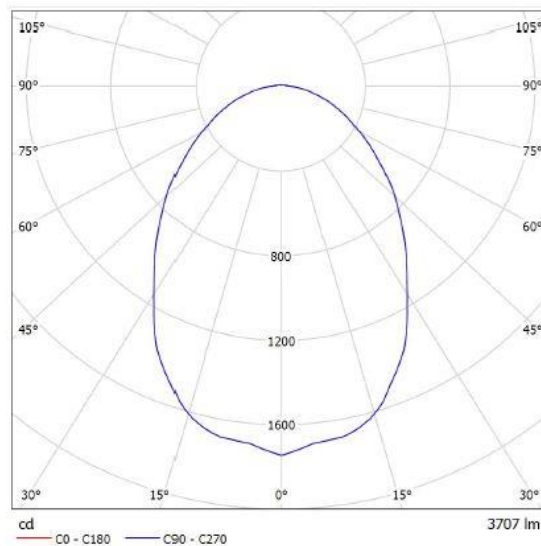
## RATING & EFFICACY

Catalogue Reference	Wattage (W)	CCT (K)	CRI	System Efficacy (Lm/W)
WELS 30W NW	30W	4000	> 70	100
WELS 40W NW	40W	4000	> 70	100
WELS 50W NW	50W	4000	> 70	100
WELS 60W NW	60W	4000	> 70	100

- 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

- The optics is designed for efficient symmetric light distribution providing excellent photometry so as to achieve optimum installation



## KESELEC ORDERING CODE (KOC)

**EXAMPLE:** WE-040-40-R0-E4-SM-O17-P13-D0-S0-C1-T1-F2-L14

