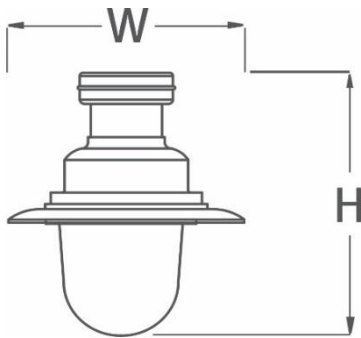


TECHNICAL DESCRIPTION



DIMENSIONS



Model	Wattage (W)	Dimensions W x H (mm)
	30	
BIRKDALE	35	430 x 490
	40	

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) fitted with a VentPlug pressure equalisation unit, control gear compartment (IP65) accessed by loosening three screws for tool free opening and closing and electrical disconnecter for ease of serviceability.

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 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 and electrical compartment
- “Asymmetric” Optics for Pathway/Streets or “Symmetric” Optics for Landscape.
- 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
- Ingress Protection: IP66
- Impact resistance: IK07

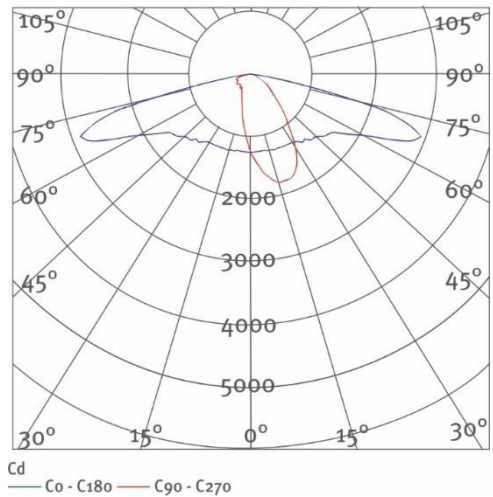
RATING & EFFICACY

Catalogue Reference	Wattage (W)	CCT (K)	CRI	System Efficacy (Lm/W)
BIRKDALE 30W (ASYM OR SYM)	30W	4000	70	120
BIRKDALE 35W (ASYM OR SYM)	35W	4000	70	120
BIRKDALE 40W (ASYM)	40W	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 ±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

- Excellent photometry to optimally cater to different applications.
- It can cover larger area with increased pole span & reduced number of luminaires



BIRKDALE

Decorative classic LED street lantern



Mounting (Typical)



SUSPENDED

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



POST TOP

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



KESELEC ORDERING CODE (KOC)

EXAMPLE: BD-040-57-R0-E7-AS-O6-P6-D0-S4-C1-T1-F5-L5

