Pudsey Diamond™

Darwin

Our Darwin heritage lantern has been carefully designed to replicate original victorian gas luminaires, available with various mounting options the Darwin makes a great versatile lantern which can be used across a range of schemes.

Image shown with 48 LED Array & cradle mount.

Each lantern is manufcatured using carefully selected components and a skillful assembly.

Main Features:

- UKCA/CE Marked
- DALI enabled
- Available with pre-programmed dimming profile
- Luminaire frame designed to IP54
- Electrical compartment tested to IP66
- Optical compartment tested to IP66
- Impact rated to IK10
- Automotive-grade sealing gasket

Materials:

- 2mm sturdy aluminium housing
- Anti-vandal, UV resistant clear polycarbonate bowl

Technical:

- Nominal weight: 12kg (varies depending on specification)
- Windage: 0.22m²
- Recommended mounting height 3-6 metres

Choose from:

- Standard or marine-grade coating
- Available powder coated to any RAL colour
- Post top with fabricated open frog
- Cradle mount
- Top entry with 1 ¼ BSPP thread
- Miniature photocell, NEMA socket or CMS

Optic options:

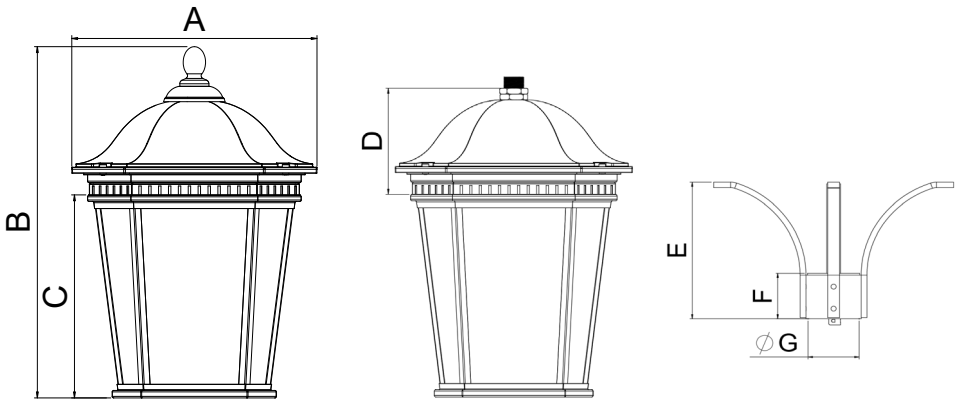
Varoptic®

Soft COB

Jewel

LED Array

Specification



A	505mm
B	710mm
C	410mm
D	214mm
E	234mm
F	75mm
G	76mm

	Varoptic®	Jewel	Soft COB	LED Array	Notes
Optical					
Lumen output range	350-5500Lm	200-2100Lm	1000-7300Lm	1000 - 15500Lm	
Colour Temperature	2700k / 3000k	2200k	3000k / 4000k	2200k / 2700k / 3000k / 4000k	Others available on request
CRI	70	70	70	70	
S/P Ratio	1.2 - 1.27	1.0	1.2 - 1.5	1 - 1.5	2200k = 1.0 2700k = 1.2 3000k = 1.27 4000k = 1.5
Distribution Options	ISENA Type II, III & V	Area	ISENA Type II, III & V	ISENA Type II, III & V	
LM-80	L90B10	L90B10	L90B10	L90B10	>100,000Hrs
Electrical					
Power range	3.5-75W	2 - 27W	8 - 52W	10 - 110W	
Input Voltage	220 - 240V	220 - 240V	220 - 240V	220 - 240V	
Power Factor	>0.97	>0.95	>0.97	>0.97	
Frequency	50 / 60Hz	50 / 60Hz	50 / 60Hz	50 / 60Hz	

Luminaire Characteristics		
Classification	Class 1	
Control	10 - 100%	Pre-set, DALI, Profile, Line Switch, 4 step
Temperature Range	-20 to +25 ºC	Testing based on 25ºC ambient, higher temperatures will impact LM-80 results