Pudsey Diamond™

Orwell

The petite and spherical frame of our Orwell lantern is inspired by traditional Victorian railway lighting and fits seamlessly with heritage schemes.

Image shown with 3 mantle Varoptic®.

Each lantern is manufactured using carefully selected components and a skilful assembly.

Main Features:

- Tool-free access luminaire housing
- UKCA/CE Marked
- CB certified
- DALI enabled
- Available with pre-programmed dimming profile
- Luminaire tested to IP66
- Impact tested to IK10

Materials:

- 3mm pressure die cast aluminium housing
- Anti-vandal, UV resistant clear polycarbonate bowl

Technical:

- Nominal weight: 7.5kg (varies depending on specification)
- Windage: 0.11m²
- Recommended mounting height: 3-6 metres
- Suspended mounting on 1 ¼ BSPP thread

Choose from:

- Marine-grade coating
- Available powder coated to any RAL colour
- Miniature photocell or CMS
- Range of thread sizes available

*This lantern is supplied without our ClampPD system due to size restrictions, note this does not compromise the ingress protection of the luminaire with the lantern frame being rated to IP66.

*Optic options:

Varoptic®

Soft COB

Jewel

LED Array

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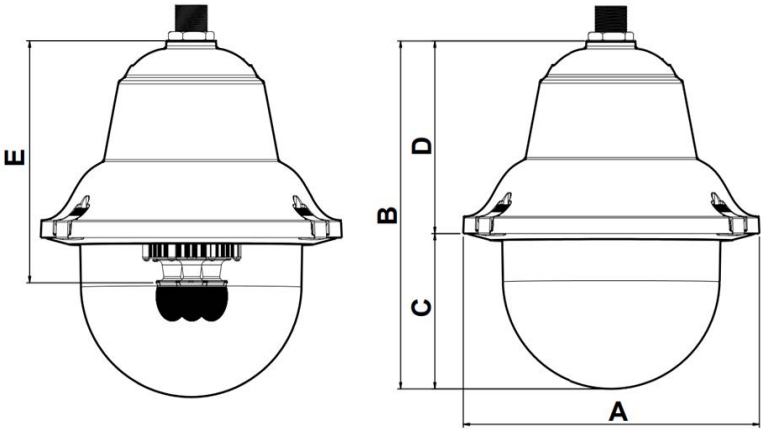
Specification



A	393mm
B	461mm
C	207mm
D	254mm
E	312mm

	Varoptic®	Jewel	Soft COB	LED Array (Data TBC)	Notes
Optical					
Lumen output range	350-6000Lm	200-2100Lm	1000-7700Lm	1000 - 8800Lm	
Colour Temperature	2700k / 3000k	2200k	3000k / 4000k	3000K / 4000K	Others available on request
CRI	70	70	70	70	
S/P Ratio	1.2 - 1.27	1.0	1.2 - 1.5	1.2 - 1.5	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 - 16.4W	8 - 52W	10 - 70W	
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