



# Bronte

Creating the perfect partnership between historic and contemporary design, the frame of our Bronte lantern complements almost all street scenes and allows you to seamlessly upgrade areas of historic interest to LED.

Image shown with soft COB optic.

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 frame tested to IP65
- Electrical compartment tested to IP66
- Optical compartment tested to IP66
- Impact tested to IK10
- Automotive-grade sealing gasket

## Materials:

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

## Technical:

- Nominal weight: 8.5kg (varies depending on specification)
- Windage: 0.11m<sup>2</sup>
- Recommended mounting height: 3-8 metres
- Suspended mounting on 1 ¼ BSPP

## Choose from:

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



### Optic options:



Varoptic®



Soft COB

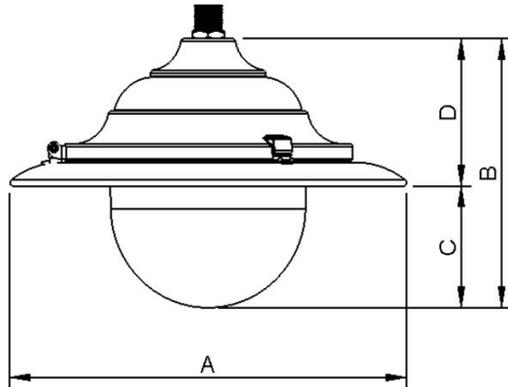


Jewel



LED Array

# Specification



A	585mm
B	386mm
C	175mm
D	211mm

	Varoptic®	Jewel	Soft COB	LED Array (Data TBC)	Notes
<b>Optical</b>					
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

<b>Electrical</b>					
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	

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