Kingfisher Lighting
Part of the Luceco plc group of companies

Datasheet

SEMITA Arc

Specification Text

The SEMITA Arc shall be manufactured from high pressure die-cast aluminium and powder coated with a RAL 7016 Anthracite Grey marine grade finish. It shall have a power output ranging between 7.5 - 13.2W, with an efficacy from 87 - 122lm/W. It shall deliver 649 - 1,615 luminaire lumens. The SEMITA Arc has a range of different optics to suit narrow, medium and wide paths with a fully programmable DALI driver. Available in 2700K and 4000K, the luminaire shall be IK09 and IP66 rated with 3 hour integral emergency back-up and self-test options available.

For DarkSky Specifications, the luminaire shall produce a CCT of 2700K.

Specification

Weight:	3.4 kg
Material:	Die-cast Aluminium
Paint Finish:	RAL7016 Anthracite Grey
Embodied Carbon:	58 kg CO_2e

Optics

Flood Optic
Designed with excellent wide distribution for areas needing greater illumination such as car parks, children's areas and many more areas

Path Optic
Perfect for a variety of pedestrian areas in close proximity to buildings. E.g retail parks, façade lighting and offices

Street Optic
Ideal for illuminating areas such as building perimeters and access areas. It would be best placed in areas such with high security needs.

Product Description

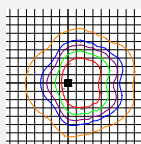Stylish yet functional, SEMITA Arc is the unique wall pack joining the SEMITA series.
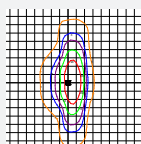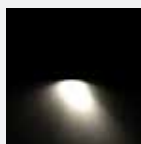
Key Features

- 7.5W - 13.2W
- 649 - 1,615 Luminaire Lumens
- Efficacy up to 122.0 lm/W
- 2700K, 4000K, CRI>70
- IP66, IK09
- Lifetime > 100,000hr L80
- Toolless Entry
- 3 Hour Integral Emergency
- DALI Driver
- DarkSky Approved

Available with integral 3 hour emergency using a 3.0W pack. Output range from 267 - 288 lm dependant on optic, CCT & accessories.
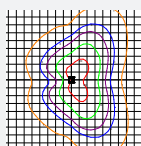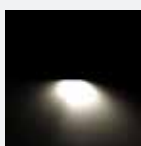
| IP66 | IK09 | 100,000 hrs LIFETIME |
| EM | 2700K | 4000K | 5 YEARS WARRANTY |

Circular Economy Score

0 to 0.05	Very poor circular economy performance
0.5 to 1.5	Some circular economy functionality
1.5 to 2.5	Definite/substantial progress to circularity
2.5 to 4.0	Excellent circularity

DESIGNED & ENGINEERED IN THE UK

Other Options Available
Contact for further details

• 3 Hour Integral Emergency

• Colour Temperature Opportunities

Mounting Options
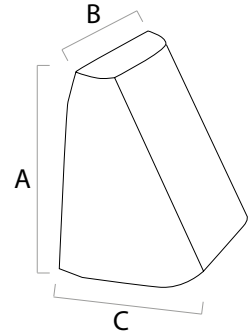
• Wall Mount

Dimensions

Body Type	A	B	C
Standard	240	230	158

All measurements in mm

Code	Power (W)	Luminaire Lumens (lm)	Drive Current (mA)	Inrush Current (A pk)	Optic	CCT (K)	IP	IK	Weight (kg)	Driver Included	Driver Type
SEMAFL13D	13.2	1,615	500	5.0		4000	IP66	IK09	3.4	Yes	Basic DALI
SEMAFL13D27K	13.2	1,389	500	5.0	Asymmetrical Flood Optic FL	2700	IP66	IK09	3.4	Yes	Basic DALI
SEMAFL08D	7.5	836	250	5.0		4000	IP66	IK09	3.4	Yes	Basic DALI
SEMAFL08D27K	7.5	719	250	5.0		2700	IP66	IK09	3.4	Yes	Basic DALI
SEMAOC13D	13.2	1,515	500	5.0		4000	IP66	IK09	3.4	Yes	Basic DALI
SEMAOC13D27K	13.2	1,303	500	5.0	Asymmetrical Path Optic OC	2700	IP66	IK09	3.4	Yes	Basic DALI
SEMAOC08D	7.5	780	250	5.0		4000	IP66	IK09	3.4	Yes	Basic DALI
SEMAOC08D27K	7.5	671	250	5.0		2700	IP66	IK09	3.4	Yes	Basic DALI
SEMAST13D	13.2	1,475	500	5.0		4000	IP66	IK09	3.4	Yes	Basic DALI
SEMAST13D27K	13.2	1,269	500	5.0	Asymmetrical Street Optic ST	2700	IP66	IK09	3.4	Yes	Basic DALI
SEMAST08D	7.5	755	250	5.0		4000	IP66	IK09	3.4	Yes	Basic DALI
SEMAST08D27K	7.5	649	250	5.0		2700	IP66	IK09	3.4	Yes	Basic DALI