



Kingfisher Lighting

A division of the LUCECO group

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 3.5 - 13.2W, with an efficacy of up to 122lm/W. It shall deliver 336 - 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.

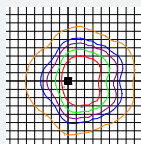
For DarkSky Specifications, the luminaire shall produce a CCT of 2700K.



Specification

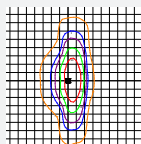
Weight: 3.4 kg
Material: Die-cast Aluminium
Paint Finish: RAL7016 Anthracite Grey
Embodied Carbon: 58 kg CO²e

Optics



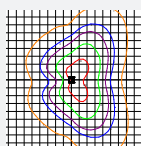
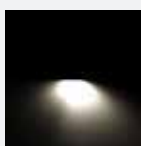
Flood Optic

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

- 3.5W - 13.2W
- 336 - 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

Other Options Available

Contact for further details

- 3 Hour Integral Emergency
- Colour Temperature Opportunities

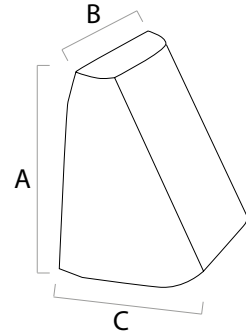
Dimensions

Body Type	A	B	C
Standard	240	230	158

All measurements in mm

Mounting Options

- Wall Mount



Code	Power (W)	Luminaire Lumens (lm)	Drive Current (mA)	Inrush Current (A pk)	Optic	CCT (K)	IP	IK	Weight (kg)	Driver Included	Driver Type
SEMAFL04D	3.5	428	132	9.2	Flood Optic (FL)	4000	IP66	IK09	3.4	Yes	Basic DALI
SEMAFL04D27K	3.5	401	132	9.2		2700	IP66	IK09	3.4	Yes	Basic DALI
SEMAFL08D	7.5	836	250	5.0		4000	IP66	IK09	3.4	Yes	Basic DALI
SEMAFL13D	13.2	1615	500	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
SEMAFL08D27KEM	7.5	719	250	5.0		2700	IP66	IK09	3.4	Yes	Basic DALI
SEMAFL13D27K	13.2	1389	500	5.0		2700	IP66	IK09	3.4	Yes	Basic DALI
SEMAOC04D	3.5	401	132	9.2	Path Optic (OC)	4000	IP66	IK09	3.4	Yes	Basic DALI
SEMAOC04D27K	3.5	345	132	9.2		2700	IP66	IK09	3.4	Yes	Basic DALI
SEMAOC08D	7.5	780	250	5.0		4000	IP66	IK09	3.4	Yes	Basic DALI
SEMAOC13D	13.2	1515	500	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
SEMAOC08D27KEM	7.5	671	250	5.0		2700	IP66	IK09	3.4	Yes	Basic DALI
SEMAOC13D27K	13.2	1303	500	5.0		2700	IP66	IK09	3.4	Yes	Basic DALI
SEMAST04D	3.5	391	132	9.2	Street Optic (ST)	4000	IP66	IK09	3.4	Yes	Basic DALI
SEMAST04D27K	3.5	336	132	9.2		2700	IP66	IK09	3.4	Yes	Basic DALI
SEMAST08D	7.5	755	250	5.0		4000	IP66	IK09	3.4	Yes	Basic DALI
SEMAST13D	13.2	1475	500	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
SEMAST13D27K	13.2	1269	500	5.0		2700	IP66	IK09	3.4	Yes	Basic DALI