ORBIK

Arc

Product Data Sheet

Arc

Robust IP65 bulkhead for exterior or interior use

Mains Luminaire

Emergency Luminaire

LED Luminaire

Completely manufactured in the UK, **Arc** was the first luminaire on the market on the market to feature a soft arc linear lens diffuser designed to provide maximum spacings between emergency luminaires. Even today, very few products are able to meet **Arc**'s optical performance. The lens also makes **Arc** an excellent mains lighting option with T5 or compact fluorescent lamps.

Arc offers many other features with its compact polycarbonate enclosure. These include a screw fixing diffuser located with brass threaded inserts, centre rear besa entry and 20mm conduit knockouts at each end plus a hinged steel gear tray for ease of installation, making this product one the most flexible and best performing luminaires on the market.

The **Arc** can be fitted with a self-adhesive legend kit to create an exit sign or with a semi-recess trim, suitable for use with suspended or plaster board ceilings.

Catalogue Numbers

Mains Luminaires

Cat No	Lamp & Mode	Mains Lumens	Weight
AR8	8 Watt mains bulkhead	400	0.90Kg
AR2X8	2 x 8 Watt mains bulkhead	800	0.90Kg
AR11	11 Watt TC-S mains bulkhead	900	0.90Kg
AR/LED	15 x LED mains bulkhead	360	0.90Kg

Emergency Luminaires

Cat No	Lamp & Mode	Emergency Lumens	Weight
AR8/NM3/E	8 Watt NM3 bulkhead economy output	80	1.20Kg
AR8/NM3	8 Watt NM3 bulkhead standard output	120	1.20Kg
AR8/NM3/H	8 Watt NM3 bulkhead high output	180	1.20Kg
AR8/M3/E	8 Watt M3 bulkhead economy output	80	1.45Kg
AR8/M3	8 Watt M3 bulkhead standard output	120	1.45Kg
AR8/M3/H	8 Watt M3 bulkhead high output	180	1.45Kg
AR2X8/NM3	2 x 8 Watt NM3 bulkhead standard output	150	1.70Kg
AR2X8/NM3/H	2 x 8 Watt NM3 bulkhead high output	250	1.70Kg
AR/LED/M3	5 x LED M3 bulkhead	125	1.20Kg
AR/LED/C3	15 x mains LED/5 x M3 LED bulkhead	125	1.20Kg

Slave Exit Signs

Cat No	Lamp & Mode	Emergency Lumens	Weight
AR8/#D	8 Watt slave bulkhead	275	0.85Kg
AR/LED/#D	LED slave bulkhead	120	1.20Kg

Replace **#** with AC/DC system Voltage **24**, **50**, **110** or **230** Volts, for LED versions replace # with AC/DC system Voltage **110** or **230** Volts
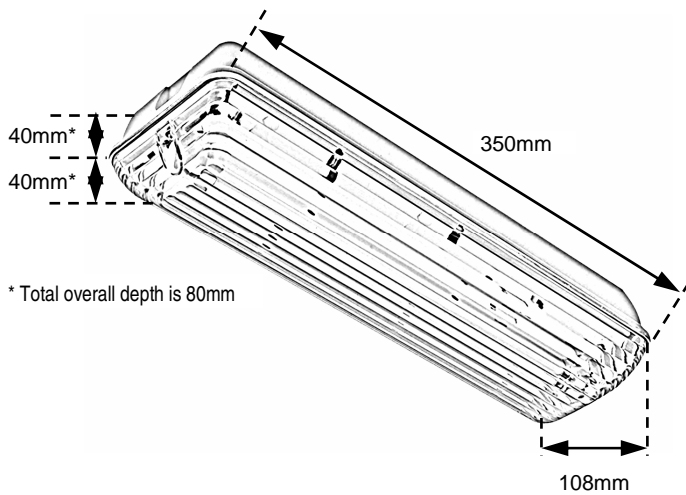
Options

Suffix:

/AR/WH	White semi-recessing kit
/AD	Intelligent addressable luminaire
/DALI	DALI emergency control gear
/HF	High frequency ballast
/O	Opal diffuser
/PH	Dusk/dawn photo cell
/SAL1	Self-adhesive legend kit
/ST	Digital self-test luminaire
/TS	Push to test switch
/VR	Anti-tamper screws

Specification

Body:	ABS polycarbonate
Charger:	Constant current with green LED for mains healthy and connected battery
Batteries:	1.5Ah (economy versions only) or 4Ah Nickel Cadmium cells
Lamps:	8 Watt T5 fluorescent or 11 Watt TC-S compact fluorescent
LED's:	Mains versions 15 x 0.2W high lumen/Watt LED, emergency versions 5 x 0.2W high lumen/Watt LED (125 lumens per Watt)

IP65

KM31508

Dimensions

40mm*

40mm*

350mm

* Total overall depth is 80mm

108mm

Cut-Out Dimensions: Length 330mm x Width 90mm
Viewing Distance: 18 Metres (when supplied with SAL1 legend kit)

Technical Information

Luminaire data files are available for inclusion into lighting design software packages. Photometric data is available at **www.relux.biz** and further lighting design information is available from our catalogue or **www.orbik.co.uk**.

Installation Instructions

- Connect the mains cable(s), which should be a maximum of 1mm² solid core.

- The supply for a non-maintained emergency circuit must be unswitched and is connected to the unswitched input.

- The supply to a non-emergency circuit can be switched and is connected to the switched input.

- If a single unswitched supply is used for both emergency and normal use a link should be connected between the unswitched supply and switched supply terminals.

- Mark the battery pack with date of installation and connect the battery to the module.

- For testing purposes a fused spur or keyswitch should be included in the unswitched supply.