

# Shield RCD



The Shield RCD (Recessed) is a 3 Watt LED exit sign for use in MF and fibre tile ceilings. The RCD version of the Shield finishes flush with the underside of the ceiling plane for minimal intrusion of the space. The unit is available in Maintained and Non-Maintained modes.

The unit utilises LiFePO<sub>4</sub> (Lithium iron phosphate) battery technology which provides a far longer life than traditional battery types, making this an ideal product for difficult to maintain areas.

## Product

Shield	SHD/
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## Mounting

Recessed	/RCD
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## Operation

Maintained	/M
Non-Maintained	/NM

## Emergency

3 Hour Facility	/E1
3 Hour Self Test	/E2

## Standard Colours\*

White	RAL9016
*Other colours available upon special request	

## Arrow Direction

Arrow Up	-AUP
Arrow Down	-AND
Arrow Left/Right	-ALR

## Lighting Data

CCT	6500K
Light Source	SMD
Viewing Distance	25.0m

## Technical Data

IP Rating	IP20
Construction	Polycarbonate
RAL colour (standard)	9016
Mounting Method	Recessed
Protective class	II
Impact Resistance (IK)	N/A
Warranty (excluding battery)	5 Years
Certification	UKCA, CE, ROHS

## Electrical Data

Rated Supply Voltage	220–240 V
AC Voltage Range	198–264 V
Mains Frequency	50/60 Hz
Output LF Current Ripple @ 120Hz	<1%
Overvoltage Protection	320 V
In-rush Current	3 A
THD	<10%
Power Factor	0.95
Parasitic Load	0.3W
Operating Temperature	0 +40 °C

## Emergency Data

Emergency Duration	3 Hours
Recharge Period	24 Hours
Battery Type	LiFePO4 (Lithium Iron Phosphate)
Battery Pack	3.2V 600mAh
Emergency Power	1.2W
Operating Temperature	0–40 °C
Power Efficiency	95%

## Dimensions

Cutout	303x54mm
Dimensions (body)	312x70x57mm
Dimensions (blade)	260x130mm
Weight	1.2kg

