

Shield SUS



The Shield SUS (Suspended) is a 3 Watt LED exit sign for use with solid and cavity ceilings. The SUS version has a minimal visual impact on the ceiling due to its compact and tidy appearance. The unit is available in Maintained and Non-Maintained modes.

The unit utilises LiFePO₄ (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

Suspended	/SUS
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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	6500
Light Source	SMD
Viewing Distance	25.0m

Technical Data

IP Rating	IP20
Construction	Polycarbonate
RAL colour (standard)	9016
Mounting Method	Suspended
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	LiFePO ₄ (Lithium Iron Phosphate)
Battery Pack	3.2V 600mAh
Emergency Power	1.2W
Operating Temperature	0–40 °C
Power Efficiency	95%

Dimensions

Dimensions (body)	267x34x54mm
Dimensions (blade)	260x130mm
Weight	1.2kg

