IP65 rated, single or double sided LED Exit Sign

lightsolutions
energy saving & emergency lighting specialists

Manta

The **Manta** exit sign range has been developed to provide a robust but attractive solution for exterior applications requiring effective safety signage.

Manta signs offer an excellent viewing distance of 36 metres via easy to change legends, a robust polycarbonate housing with ratings of IP65/IK08.

NB: Every sign is provided with a retro fittable second legend plate for ceiling or 'flagpost' wall mounted double sided installation.

The **Manta** Exit Sign features a robust polycarbonate enclosure and is supplied with 'clip-in' safety sign legend screens behind a clear cover. It also benefits from being supplied with a mounting bracket allowing ceilng or 'flagpost' wall installation options to the standard wall mount (single sided only).

The integral rechargeable batteries and charger/driver PCB are mounted in the central housing and the advanced wide angle white LEDs provide even and effective illuminance across the legend. Cable entries are provided into the back (single sided), top, and one side.

OPERATION

The **Manta** range is supplied as permanently Maintained operation as standard providing 3 hour duration. Clip-in pictogram legend panels complying with the EC Safety Signs Regulations and latest ISO sign requirements are supplied as a kit with each luminaire.

The bright and even luminance across the legend panel ensures maximum visibility in the event of an emergency, and the **Manta** Luminaires comply to EN60598.2.22

DALI/Self-Test Options:

The **Manta** LED luminaires are supplied with integral Self-Test gear complying with with EN62034. There is also a fully interoperable DALI version available.

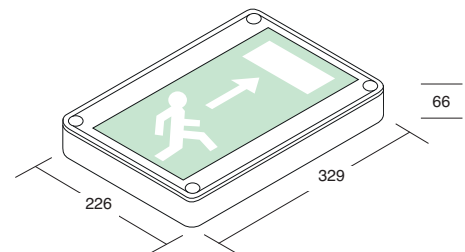**NB:** The addition of DALI gear can create a slight shadow on one edge of the legend plate.

MAN/M3/ST/WH

GENERAL DETAILS

Product	LED Exit Sign
Light source	15 x white LEDs
Luminaire Lumens	N/A
Construction	Polycarbonate housing and down diffuser plus internal 'clip-in' safety legend screen
Geartray	Integral to base
Dimensions	329mm (L) x 226mm (W) x 66mm (H)
Cable entry	20mm knock-outs top, back and one end
Mounting	Wall mount (single sided only); Ceiling mount bracket; 'Flagpost' wall mount bracket — (bracket supplied)

66

329

226

ICEL

LIGHTING ASSOCIATION IRELAND

ENGINEERS IRELAND

IP65 rated, single or double sided LED Exit Sign

lightsolutions
energy saving & emergency lighting specialists

SPECIFICATION

	/ST Maintained	/DA Maintained
Light source	15 x wide angle white LEDs	
Colour temperature	4500K	
Luminaire lumens (mains)	N/A	N/A
IP and IK rating	IP65 IK08	
Ambient temperature (Ta)	25°C	
Insulation class	Class II	
Supply voltage	230V ~ 50Hz	
Supply power	3.5W	4.0W
Charge power (typical)	0.9W	1.1W
Battery	3.2V 1.5Ah LiFePO$_4$	3.2V 3.2Ah LiFePO$_4$
Weight	2.0kg	2.1kg

Every **Manta** sign is provided with a retro fittable second legend plate for ceiling or 'flagpost' wall mounted double sided installation.

ORDER CODES

	Description
MAN/M3/ST/WH	Maintained emergency LED exit sign luminaire — Self-Test
MAN/M3/DA/WH	Maintained emergency LED exit sign luminaire — DALI
LEGENDS:	NB: all versions are supplied

/ECAR	EC Format	— Arrow Right
/ECAL	EC Format	— Arrow Left
/ECAD	EC Format	— Arrow Down
/ISOAR	ISO Format	— Arrow Right
/ISOAL	ISO Format	— Arrow Left
/ISOAU	ISO Format	— Arrow Up
/ISOAD	ISO Format	— Arrow Down

ICEL

LIGHTING ASSOCIATION IRELAND

ENGINEERS IRELAND