

# WAYLITE 800

- Unique dual function downlight and exit sign
- Superior optical design
- Vandal resistant polycarbonate construction
- Internal, evenly illuminated legend panel
- Supplied with universal legend kit
- EasiCheck™ and Intellem self-test options

Designed specifically in response to the latest EN1838 standard, Waylite 800 has the unique combination of a powerful downlight and evenly illuminated exit legend panel, both served from the same light source.

The downlight optic provides an exceptionally high level of threshold light over the surrounding floor area, minimising the quantity of additional emergency luminaires required. Simultaneously, the base mounted lamp is used to back light the exit legend, via an ingenious ribbed legend mounting plate that collects and evenly redirects the light over the entire legend surface. Constructed in vandal resistant polycarbonate, Waylite 800 is designed to provide long term reliable service.



#### WHERE TO USE WAYLITE 800

- Offices
- Corridors
- Boardrooms
- Reception areas
- Hotels
- Pubs
- Hospitals
- Retail
- Universities, schools and colleges

**LAMP OPTIONS**

- 8W T5 fluorescent, 3500°K - G5 cap



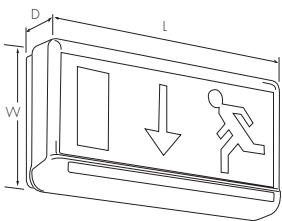
**MATERIALS**

- Base - polycarbonate, white finish
- Geartray - steel, powder coated in Permawhite finish
- Legend mounting plate - ribbed polycarbonate, opal finish
- Diffuser - clear polycarbonate
- Batteries (self-contained versions) - sealed nickel cadmium

**INSTALLATION NOTES**

- Suitable for wall mounting
- Direct screw fix. Cable entry on top or drilled on site
- Geartray locates into groove and clips into position. Retained by single screw
- Universal legend kit supplied for application to legend mounting plate, which clips inside diffuser
- Diffuser retained by screw and clips
- Supplied complete with 1 x 8W lamp

**DIMENSIONS**



L (mm)	W (mm)	D (mm)
380	180	75

**CATALOGUE NUMBERS**

System Mode	Cat. No.	Weight (kg)
Non-maintained	WL80083ICEL	2.00
Maintained	WL80083MICEL	2.10
Intellem Self-Check - Non-maintained	WL8003IS	2.00
Intellem Self-Check - Maintained	WL8003MIS	2.10
24V AC/DC Central system slave	WL80024	1.55
50V AC/DC Central system slave	WL80050	1.55
110V AC/DC Central system slave	WL800110	1.55
230V AC Static inverter system slave	WL800230	1.55

Also available with EasiCheck™ automatic testing functionality - see page 199 for system features. Contact our Technical Support and Application department for further details - 01302 303350



**OPTIONS**

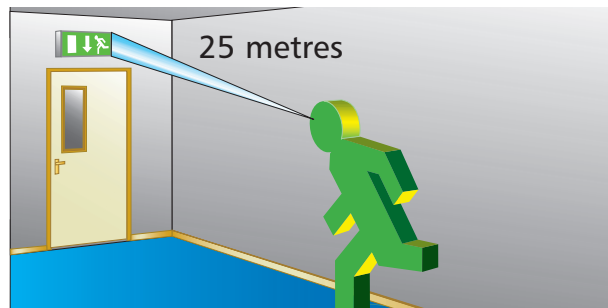
- Maintained and non-maintained, 3 hour duration
- Intellem self test. Technology detailed on page 206
- EasiCheck™ addressable testing. System detailed on page 199
- Central system slave versions

**SPECIFICATION**

Self contained - To specify state: BSI Kitemarked, back lit self contained emergency sign, for wall mounting, with powerful threshold downlight, ribbed legend mounting plate and universal legend kit, fully compliant with EN1838, as JSB Waylite 800 range, part no. \_\_\_\_\_

Self-test/Slave - To specify state: Intelligent self-testing/Central system slave, back lit emergency sign, for wall mounting, with powerful threshold downlight, ribbed legend mounting plate and universal legend kit, fully compliant with EN1838, as JSB Waylite 800 range, part no. \_\_\_\_\_

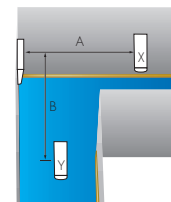
**MAXIMUM VIEWING DISTANCE**



Also see data for spacings below, detailing threshold illumination

**PHOTOMETRIC DATA**

Luminaire type	Mounting height (m)	Lux level directly under	Escape route 2m wide Distance to 1 lux min			
			3m	6m	9m	12m
<b>Self-contained</b>						
M	2.0	3.5	2.6	6.6	4.8	1.8
	2.5	2.3	2.5	7.6	5.0	1.7



Waylite 800 provides a high level of threshold illumination, increasing the distance that the first dedicated or converted emergency luminaire can be situated from the wall.

Example:  
To achieve a minimum of 1 lux along escape route between Waylite 800 & luminaire X:  
Distance A = 50% transverse:transverse spacing of Waylite 800 plus 50% transverse:transverse spacing of luminaire X.

To achieve a minimum of 1 lux along escape route between Waylite 800 & luminaire Y:  
Distance B = 50% axial:axial spacing of Waylite 800 plus 50% axial:axial spacing of luminaire Y.

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