Firefly Plus Surface

High output emergency luminaires for surface mounting with SmartScan wireless technology



High-power LED emergency luminaires for surface mounting with SmartScan wireless communication. Discrete LED emergency luminaires with superb optical performance. Three-hour, non-maintained emergency operation.Choice of IP54 square or IP66 circular body styles.

Applications: areas with increased mounting heights or where increased illumination levels are required.

- Suitable for higher mounting applications
- Aids compliance with BS5266-1:2016 for areas where enhanced illuminance is needed at specific locations
- Low standby power consumption (1.7 W total)
- Status indicator shows operational condition
- Easily replaceable Nickel Metal Hydride (NiMH) ECO-Power Pack battery
- Simple to install, full status reporting SmartScan wireless communication

Up to IP66

SMARTSCAN

Specification

Mounting	**Surface**	IP rating	**Up to IP66**

Lighting

Distribution	**Area** **Standard**

Emergency data

Emergency lumen output	**555 lm - 565 lm**	Emergency type	**Non-maintained**
Emergency duration	**3 hours**	Battery specification	**Nickel Metal Hydride (NiMH)**

Power

LED power	**4 W**	Circuit power	**4 W**

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Construction

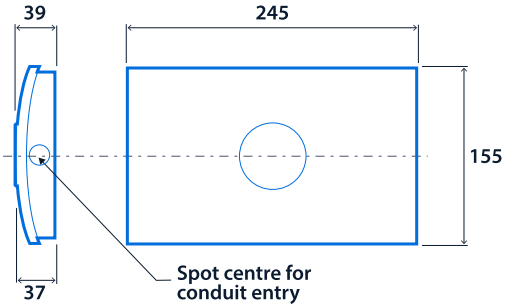
Housing	**Polycarbonate body**	Body colour	**White (RAL 9016)**
Optical assembly	**High performance acrylic lens**		

Compliance

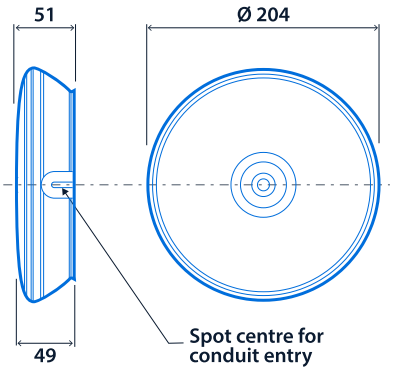
UKCA	**Yes**	CE	**Yes**
C-Tick (Aus)	**Yes**		

Dimensions

Square body



Circular body



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Range

Product version	LED power	Emergency system	Area distribution	Standard distribution	Emergency duration	Emergency type
Square body - IP54	4 W	**W**	**FF19317**	**FF19316**	3 hour	Non-maintained
Circular body - IP66	4 W	**W**	**FF20003**	**FF20004**	3 hour	Non-maintained

Emergency system - prefix catalogue number with **W** SmartScan Emergency

E.g. **WFF19317** = SmartScan Emergency / Area distribution

Accessories

Product code	Description	Weight
FF20005	Unistrut/uneven surface mounting plate - Circular body	0.11 kg

Spares

Product code	Description	Weight
EMB19515	Nickel Metal Hydride (NiMH) battery - Square body Firefly Plus Surface - End of life batteries can be returned to Thorlux for recycling	0.15 kg
EMB20008	Nickel Metal Hydride (NiMH) battery - Circular body Firefly Plus Surface - End of life batteries can be returned to Thorlux for recycling	0.15 kg






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View Firefly Plus Surface variants using our online filtering tool



Information is correct as of 10 Nov 2026, however must not be interpreted as a guarantee of individual product performance and/or characteristics. We reserve the right to alter specifications and designs without prior notice.