Firefly Surface

Emergency luminaires for surface mounting with dedicated SmartScan wireless technology versions

LED emergency luminaires for surface mounting with SmartScan wireless communication. Superb optical performance means fewer luminaires are required. Three hour, non-maintained emergency operation.

Choice of IP54 square or IP66 circular body styles.

Applications: open plan areas, corridors, storerooms, toilets etc.

- Superb photometric performance
- Low standby power consumption (1.7 W total)
- Status indicator shows operational condition
- Reliable Nickel Metal Hydride (NiMH) battery technology
- Simple to install, full status reporting SmartScan wireless communication versions



Up to IP66

SMARTSCAN

Specification

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

Lighting

Distribution	**Area** **Corridor** **Standard**

Emergency data

Emergency lumen output	**235 lm - 270 lm**	Emergency type	**Non-maintained**
Emergency duration	**3 hours**	Battery specification	**Nickel Metal Hydride (NiMH)**

Power

LED power	**3 W**	Circuit power	**3 W**

Firefly Surface

Construction

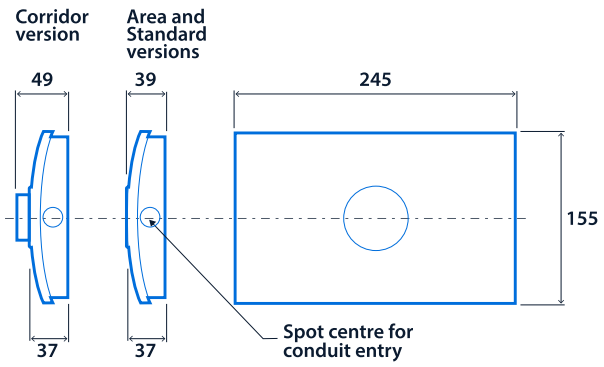
Housing	**Polycarbonate body**	Body colour	**White (RAL 9016)**
Optical assembly	**High performance acrylic lens**		

Compliance

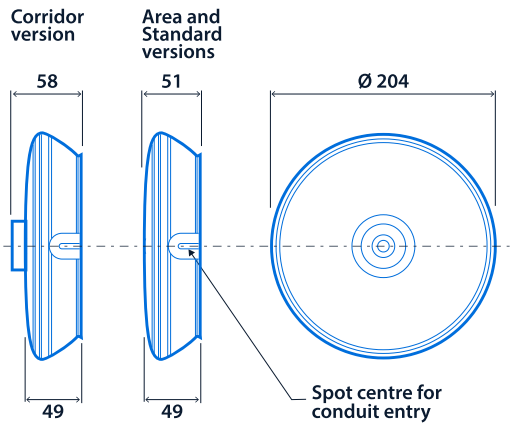
UKCA	**Yes**	CE	**Yes**
C-Tick (Aus)	**Yes**		

Dimensions

Square body



Circular body



Firefly Surface

Range

Product version	LED power	Emergency system	Area distribution	Corridor distribution	Standard distribution	Emergency duration	Emergency type
Square body - IP54	3 W	**W**	**FF17493**	**FF17494**	**FF17495**	3 hour	Non-maintained
Circular body - IP66	3 W	**W**	**FF20000**	**FF20001**	**FF20002**	3 hour	Non-maintained

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

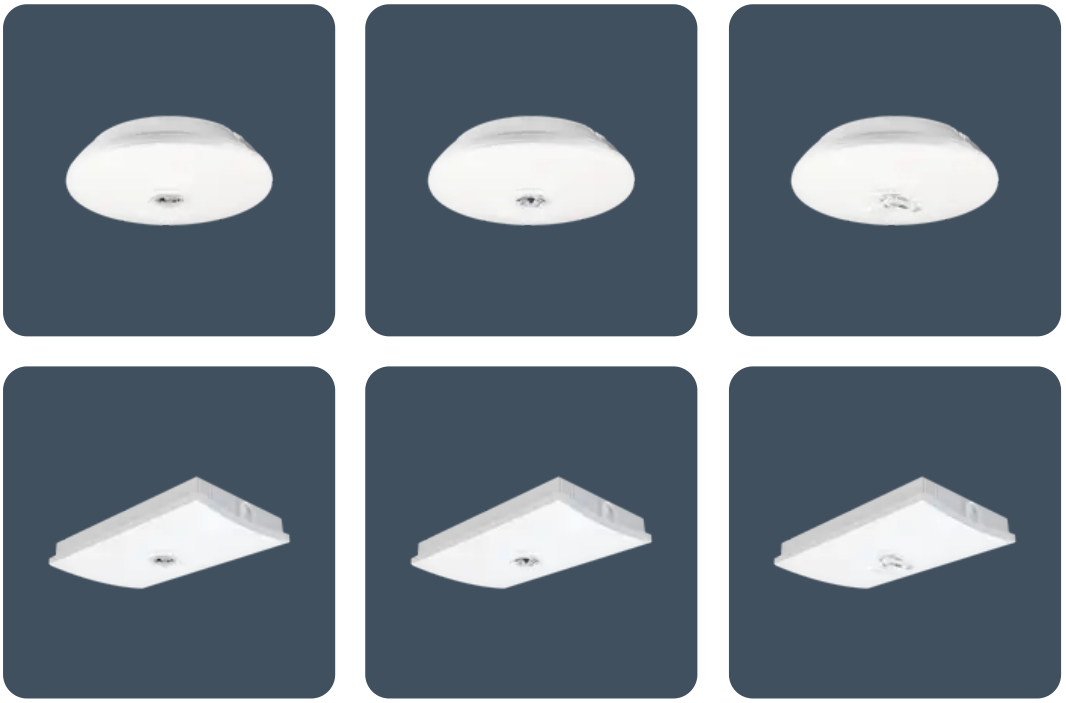
E.g. **WFF17493** = SmartScan Emergency / Area distribution

Accessories

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

Spares

Product code	Description	Weight
EMB17651	3 W Nickel Metal Hydride (NiMH) battery - Square body - End of life batteries can be returned to Thorlux for recycling	0.15 kg
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
EMB20007	Nickel Metal Hydride(NiMH) battery - Circular body - 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



Click or scan here

View Firefly Surface variants using our online filtering tool



Information is correct as of 16 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.