

FIREFLY PLUS SURFACE



Square body - Standard lens

ACCESSORIES

	DESCRIPTION	CAT. No.	APPROX. kg
CIRCULAR BODY	Unistrut/uneven surface mounting plate	FF 20005	0.11



Area lens

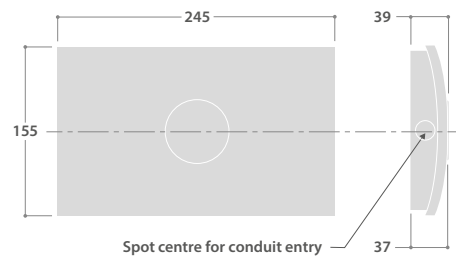
SPARES

	DESCRIPTION	CAT. No.	APPROX. kg
SQUARE BODY	Nickel Metal Hydride (NiMH) battery	EMB 19515	0.15
CIRCULAR BODY	Nickel Metal Hydride (NiMH) battery	EMB 20008	0.15

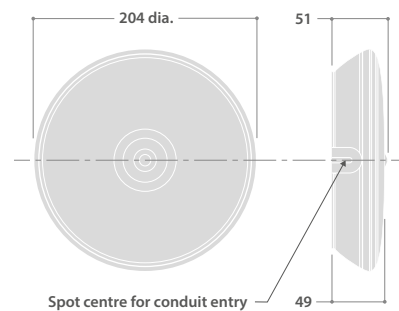
End of life SmartScan batteries can be returned to Thorlux for recycling.

DIMENSIONS

Square Body



Circular Body



FIREFLY PLUS SURFACE



Circular body - Standard lens

HIGH OUTPUT EMERGENCY LUMINAIRES FOR SURFACE MOUNTING WITH SMARTSCAN WIRELESS TECHNOLOGY



SPECIFICATION

- Polycarbonate body finished white (RAL9016)
- Choice of IP54 square or IP66 circular body styles
- Three hour, non-maintained emergency operation
- Stand-alone self-test and full SmartScan wireless communication compatible
- Suitable for higher mounting applications
- Aids compliance with BS5266-1:2016 for areas where enhanced illuminance is needed at specific locations
- Reliable LED technology
- Low standby power consumption (1.7W total)
- Superb photometric performance
- Status indicator shows operational condition
- Reliable Nickel Metal Hydride (NiMH) battery technology

At Platform 1 SmartScan emergency luminaires may self-test at any time. Consequently, caution should be exercised in situations where this may be inconvenient (such as hotel rooms or hospital wards). At Platform 2 specific testing times can be set via the SmartScan website (SmartScan Gateway required).

RANGE

	LED POWER	AREA	STANDARD	APPROX. kg	TYPE
SQUARE BODY - IP54	4W	WFF 19317	WFF 19316	0.5	Non-maintained
CIRCULAR BODY - IP66	4W	WFF 20003	WFF 20004	0.6	Non-maintained

SmartScan Wireless Standards Compliance:

Europe: EN 300 220-1 V2.4.1 / EN 301 489-3 V1.6.1

Australasia: ACMA 2014 Radio Communication Standard 2014

Thorlux Patented Wireless Technology - GB2575724



* SmartScan versions only

SmartScan Configurations



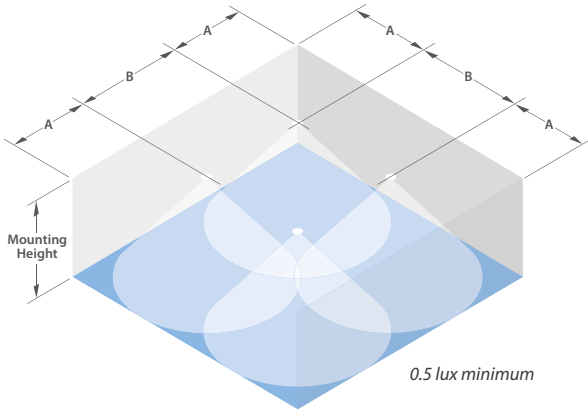
Find out more at www.thorlux.com/smartscan

Photometric Performance - see page 3

FIREFLY PLUS SURFACE

EMERGENCY LIGHTING PERFORMANCE GUIDE

TYPICAL SPACING FOR OPEN AREAS (STANDARD VERSION)

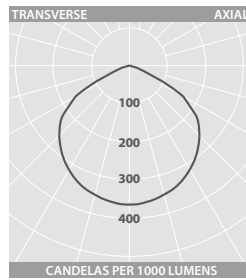


SPACING TABLE

MOUNTING HEIGHT (m)	4W	
	A (m)	B (m)
2.0	3.7	8.6
3.0	5.0	11.2
4.0	5.8	13.6
5.0	6.6	15.8
6.0	7.1	17.7

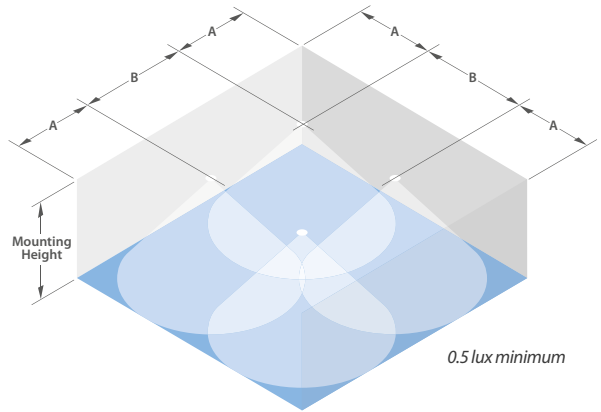
Maintenance factor 0.90

PHOTOMETRIC GUIDE



Luminaire Lumen Output:
4W = 555 lm

TYPICAL SPACING FOR OPEN AREAS (AREA VERSION)

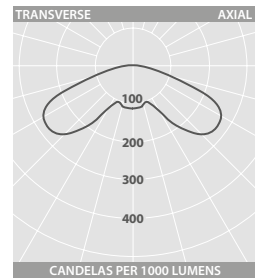


SPACING TABLE

MOUNTING HEIGHT (m)	4W	
	A (m)	B (m)
2.0	5.1	11.5
3.0	6.1	15.5
4.0	7.1	17.8
5.0	7.5	20.0
6.0	7.7	22.3

Maintenance factor 0.90

PHOTOMETRIC GUIDE



Luminaire Lumen Output:
4W = 565 lm