

FIREFLY

STANDARD, AREA & CORRIDOR VERSIONS

The ECO Power Pack is hinged allowing it to be passed through cut-outs as small as 60mm diameter and into void depths as shallow as 145mm.

60mm

Minimum cut-out diameter

145mm

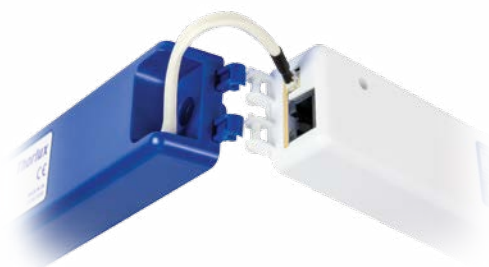
Minimum void depth*

*170mm for emergency versions



Terminals suitable for 1.5mm² looped cable.

NOTE: Firefly is a class II Luminaire.
Earth connection provided for looping only.

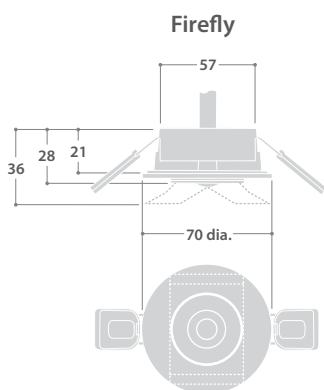


Snap-fit battery pack for fast replacement.
End of life SmartScan batteries can be returned to Thorlux for recycling.

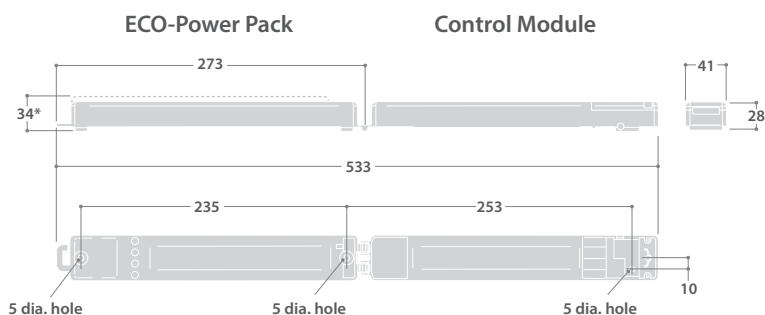


Strain relief incorporated into lid of wiring compartment.

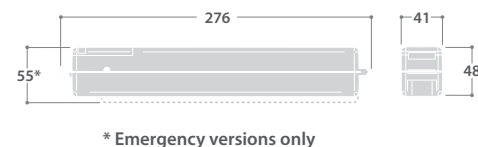
DIMENSIONS



Hole size cut-out = 60 dia.
Minimum void depth (when passing Control Module and ECO-Power Pack through cut-out) = 145mm**
**170mm for emergency versions



Control Module and ECO-Power Pack Combined



Control Module and ECO-Power Pack are articulated for easy placement through a small cut hole. The two items may be clipped on top of each other for space saving.

* Emergency versions only

FIREFLY STANDARD, AREA & CORRIDOR VERSIONS



EMERGENCY LUMINAIRES FOR RECESSED MOUNTING WITH DEDICATED SMARTSCAN WIRELESS TECHNOLOGY VERSIONS

IP65 DOWNLIGHTER (BELOW CEILING) IP40 DOWNLIGHTER (ABOVE CEILING)
IP20 CONTROL MODULE CE LED

SPECIFICATION

- Thermally conductive nylon body, polycarbonate bezel finished white (RAL9016)
- Small size - unobtrusive
- Three hour, non-maintained emergency operation
- Simple to install, full status reporting SmartScan wireless communication versions
- May be positioned for maximum effect
- Reliable LED technology
- Low standby power consumption (1.7W total)
- Status indicator shows operational condition
- Superb photometric performance
- Easily replaceable Nickel Metal Hydride (NiMH) ECO-Power Pack battery

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).

SmartScan Configurations



Find out more at www.thorlux.com/smartsan

RANGE

LED POWER	AREA CAT. No.	CORRIDOR CAT. No.	STANDARD CAT. No.	APPROX. kg	TYPE
SmartScan 3W	WFF 17490	WFF 17491	WFF 17492	0.6	Non-maintained
AutoTest 3W	TFF 17490	TFF 17491	TFF 17492	0.6	Non-maintained
Emergency 2W	EFF 17490	EFF 17491	EFF 17492	0.6	Non-maintained

Can be supplied with pre-fitted 3m lead for connection into Thorlux Lighting Cable Management:
For connection into recessed Smart 6-pole installations add suffix 'TEE' (see www.thorlux.com/controls)
For connection into recessed SmartScan 3-pole installations add suffix 'TEE3' (see www.thorlux.com/controls)
e.g. **WFF 17490TEE3** etc.



Fig. 1

SPARES

DESCRIPTION	CAT. No.	APPROX. kg
3W ECO-Power Pack battery	PP 17402	0.33
2W ECO-Power Pack battery	PP 17399	0.40

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

ACCESSORY

DESCRIPTION	CAT. No.
T-bar mounting bracket for Control Module and ECO-Power Pack	SLA 13101

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

**5
YEAR**

**BATTERY
WARRANTY***

* SmartScan versions only

FIREFLY STANDARD, AREA & CORRIDOR VERSIONS

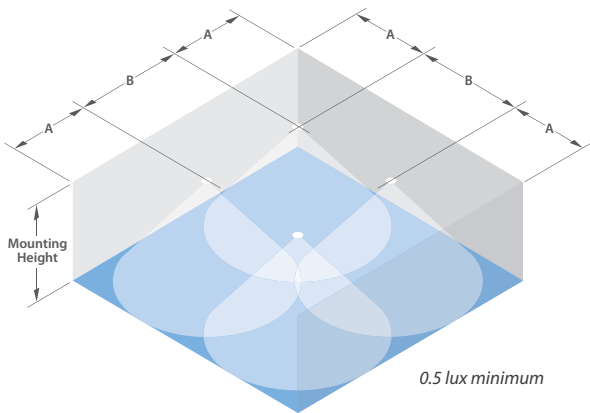


FIREFLY

STANDARD, AREA & CORRIDOR VERSIONS

EMERGENCY LIGHTING PERFORMANCE GUIDE

TYPICAL SPACING FOR OPEN AREAS (STANDARD VERSION)

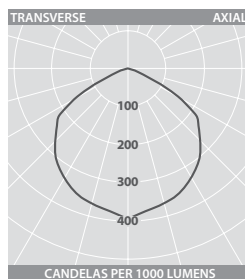


SPACING TABLE

MOUNTING HEIGHT (m)	3W		2W	
	A (m)	B (m)	A (m)	B (m)
2.0	3.5	7.3	3.3	7.1
2.5	3.8	8.6	3.7	8.2
3.0	4.3	9.6	4.1	9.3
3.5	4.7	10.6	4.4	10.2
4.0	4.9	11.6	4.6	11.2

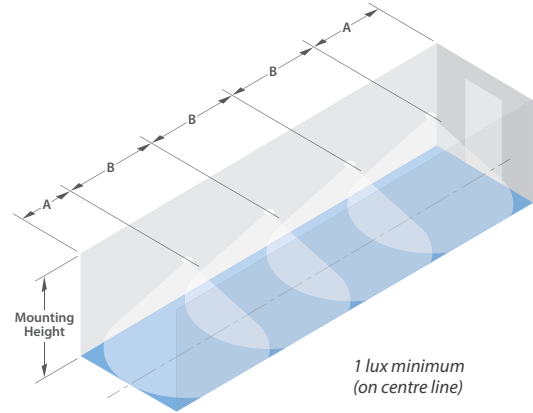
Maintenance factor 0.90

PHOTOMETRIC GUIDE



Luminaire Lumen Output:
3W = 265 lm
2W = 210 lm

TYPICAL SPACING FOR CORRIDORS (STANDARD VERSION)

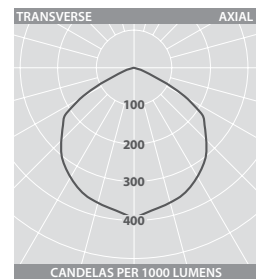


SPACING TABLE

MOUNTING HEIGHT (m)	3W		2W	
	A (m)	B (m)	A (m)	B (m)
2.0	3.4	8.2	3.2	7.9
2.5	3.9	9.5	3.4	9.1
3.0	4.2	10.6	3.7	10.0
3.5	4.3	11.5	3.9	10.6
4.0	4.4	12.0	4.0	11.1

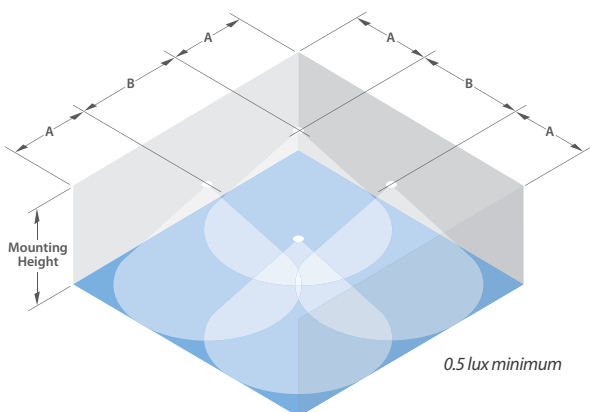
Maintenance factor 0.90

PHOTOMETRIC GUIDE



Luminaire Lumen Output:
3W = 265 lm
2W = 210 lm

TYPICAL SPACING FOR AREA LENS

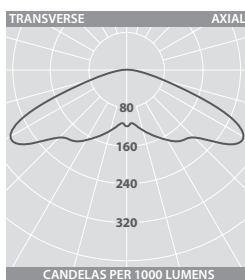


SPACING TABLE

MOUNTING HEIGHT (m)	3W		2W	
	A (m)	B (m)	A (m)	B (m)
2.0	4.3	9.6	4.1	9.2
2.5	4.7	11.0	4.5	10.5
3.0	5.3	12.2	5.1	11.7
3.5	5.8	13.5	5.5	12.8
4.0	6.2	14.5	5.7	13.8

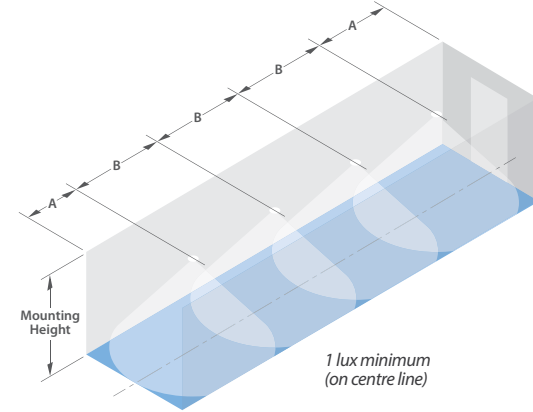
Maintenance factor 0.90

PHOTOMETRIC GUIDE



Luminaire Lumen Output:
3W = 270 lm
2W = 215 lm

TYPICAL SPACING FOR CORRIDOR (ESCAPE ROUTE) LENS

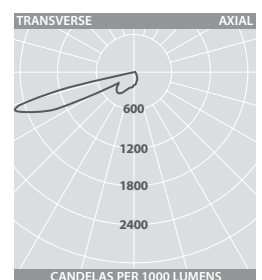


SPACING TABLE

MOUNTING HEIGHT (m)	3W		2W	
	A (m)	B (m)	A (m)	B (m)
2.0	8.3	18.7	7.8	17.9
2.5	9.4	21.7	8.8	20.8
3.0	10.3	24.4	9.4	23.5
3.5	10.7	27.0	9.5	22.8
4.0	5.2	25.5	4.9	21.5

Maintenance factor 0.90

PHOTOMETRIC GUIDE



Luminaire Lumen Output:
3W = 235 lm
2W = 185 lm