Kanby Zip

Thorlux

LED controller continuous lighting system

LED controller continuous lighting system for surface or suspension mounting .The luminaire modules are designed to snap into sockets located at regular intervals within the Zipline extruded aluminium trunking.

Applications: Hospital, schools, social housing, data centres.

- Polycarbonate diffuser: Carefully controlled nanoprism optic version for EN12464-1 / LG7 (<3000 cd/m² @ 65°) compliance or opal version
- Fire-retardant external plastic parts
- Designed to exclude dust, dirt and flies
- Pre-installed wiring loom, module sockets at 750 mm intervals
- Plug and socket connections between trunking joints
- Modules click fit using stainless steel spring (requires a standard screwdriver to release)
- SmartScan wireless technology removes the need for control cabling. Ideal for retro-fit

IP40	Up to 138.8 LL/CW	SMARTSCAN	LUXGUARD

Lighting management

Lighting control system	Dimming (DALI) Non-dimming SmartScan Internal	Emergency system	Non-emergency SmartScan Emergency Standard Emergency

Specification

Mounting	Surface Suspended	IP rating	IP40
Max presence detection height	8 m		

Lighting

Optic	Low glare diffuser Opal diffuser	Lumen output	2,380 lm - 7,680 lm
Efficacy	Up to 138.8 LL/CW		

Emergency data

Emergency lumen output	360 lm - 380 lm	Emergency type	Maintained
Emergency duration	3 hours	Battery specification	Nickel Metal Hydride (NiMH)

Power

LED power	15 W - 53 W	Circuit power	19 W - 61 W

LED characteristics

CRI	**80+**	Colour temperature	**4000 K**
Rated life (hours)	**67 K - L80/B10**		

Compliance

UKCA	**Yes**	CE	**Yes**
Energy efficiency class	**This product contains a light source of energy efficiency class B**	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**

Dimensions

Suspension mounted version
66
34
50
102

Surface mounted version
42
17

End kit
136
50
Connection plate

Elbow Joint
165

Tee Joint
165
265

Crossover Joint
265
265
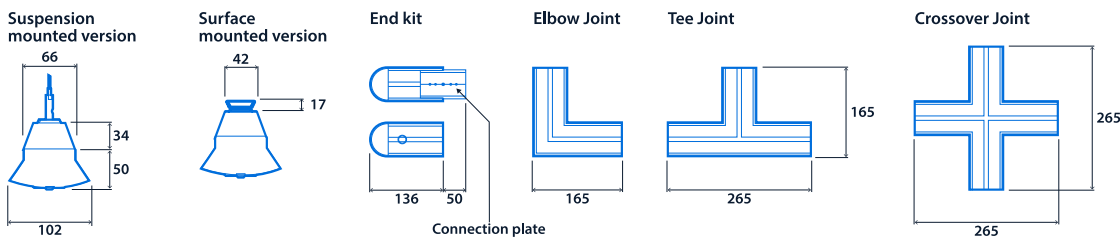
Trunking - White Extruded Aluminium

Product code	Description	Weight
ZP16412	Extruded aluminium trunking - 1.5 m straight - Pre-installed wiring loom, module sockets at 750 mm intervals. Plug and socket connections between trunking joints.	1.6 kg
ZP16411	Extruded aluminium trunking - 3.0 m straight - Pre-installed wiring loom, module sockets at 750 mm intervals. Plug and socket connections between trunking joints.	3.2 kg
ZP16410	Extruded aluminium trunking - 4.5 m straight - Pre-installed wiring loom, module sockets at 750 mm intervals. Plug and socket connections between trunking joints.	4.8 kg
ZP16556	Extruded aluminium trunking - Elbow joint	0.2 kg
ZP16557	Extruded aluminium trunking - Tee joint	0.3 kg
ZP16558	Extruded aluminium trunking - Crossover joint	0.4 kg

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Additional Components

Product code	Description	Weight
ZP16432	Presence detector module	0.9 kg
WZP16435	SmartScan Firefly Emergency - Area downlighter	1.3 kg
WZP16436	SmartScan Firefly Emergency - Corridor downlighter	1.3 kg
ZP16559	1 x 24 W spotlight module (30° beam)	1.6 kg
ZP16560	2 x 24 W spotlight module (30° beam)	2.3 kg

Finishing Components

Product code	Description	Weight
ZP16413	Trunking snap-in infill lid - Nominal 1.5 m lengths to be cut as required	0.3 kg
ZP16414	Extruded aluminium trunking - End kit - One kit required per row. Includes live and dead end.	0.35 kg
IK20181	3 m wire suspension kit - See mounting point spacing table in installation leaflet for required quantities	0.05 kg
ZP16689	Extruded aluminium trunking - Surface mounting kit - See mounting point spacing table in installation leaflet for required quantities	0.1 kg

View the range