Kanby Zip

LED controller continuous lighting system



Thorlux Kanby Zip is an LED controller continuous lighting system, designed for surface or suspension mounting.

The Kanby Zip luminaire modules use the Thorlux Zipline extruded aluminium trunking system, snapping into the sockets located at regular intervals along the mounting.

Part of the tried-and-tested, popular Kanby luminaire family from Thorlux Lighting.

Applications: hospitals, schools, social housing, and data centres.

- Polycarbonate diffuser: Carefully controlled nanoprism optic version for EN12464-1 / LG7 (<3000 cd/m² @ 65º) 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

Notes: See installation guide for mounting point locations

IP40 **Up to 138.8 LL/CW** SMARTSCAN LUXGUARD

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**		

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Emergency data

Emergency lumen output	**360 lm - 380 lm**	Emergency type	**Maintained**
Emergency duration	**3 hours**	Battery specification	**Lithium Iron Phosphate (LiFePO4)**

Power

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

Construction

Housing	**Extruded aluminium trunking with steel luminaire body, polycarbonate end caps and concealed fixings**	Finish	**Full polyester powder coat**
Body colour	**Satin white (RAL9016)**	Optical assembly	**Polycarbonate fire-retardant diffuser**

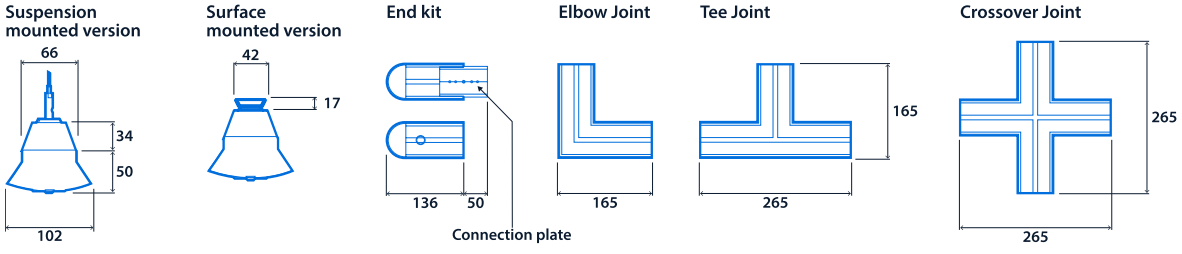
LED characteristics

CRI	**80+**	Colour temperature	**4000 K**
Rated life (hours)	**100 K - L80/B10**	LED protection	**LUX Guard**
Driver efficiency	**>85%**	Replaceable light source	**Yes**
Power factor	**>0.9**	MacAdam ellipse	**3 Step**
Flicker metric	**IEC TR 61547-1: PstLM ≤1.0 / SVM ≤0.4**		

Compliance

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

Dimensions



Range

	Nominal size	LED power	Emergency system (optional)	Opal	Low glare	Lighting control system
SmartScan	1500 mm	15 W	**W**	**KZ18979**	**KZ18987**	**SS**
		22 W	**W**	**KZ18980**	**KZ18988**	**SS**
		36 W	**W**	**KZ18981**	**KZ18989**	**SS**
		43 W	**W**	**KZ18982**	**KZ18990**	**SS**
		53 W	**W**	**KZ19007**		**SS**
Standard	1500 mm	15 W	**E**	**KZ18995**	**KZ19003**	**A / L**
		22 W	**E**	**KZ18996**	**KZ19004**	**A / L**
		36 W	**E**	**KZ18997**	**KZ19005**	**A / L**
		43 W	**E**	**KZ18998**	**KZ19006**	**A / L**
		53 W	**E**	**KZ19009**		**A / L**

Emergency system - prefix catalogue number with **W** SmartScan Emergency / **E** Standard Emergency
Lighting control system - suffix catalogue number with **SS** SmartScan Internal / **A** Dimming (DALI) / **L** Non-dimming

E.g. **WKZ18979SS** = 1500 mm / 15 W / SmartScan Emergency / Opal / SmartScan Internal

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

Additional Components

Product code	Description	Weight
ZP16432	Presence detector - 750 mm module	0.9 kg
WZP16435	SmartScan Firefly Emergency - Area downlighter - 750 mm module	1.3 kg
WZP16436	SmartScan Firefly Emergency - Corridor downlighter - 750 mm module	1.3 kg
ZP21497	1 x 19 W spotlight (33° beam) - 750 mm module	1.6 kg
ZP21498	2 x 19 W spotlight (33° beam) - 750 mm module	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	Wire suspension kit - 3 m length - 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

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