Zipline Eco

Continuous LED lighting system for industrial applications



Zipline Eco is designed for industrial applications, providing a faster and more flexible installation, combined with longevity and supreme efficiency (192.1 LL/CW).

The rolled steel trunking connects to a range of modules, which can be any combination of luminaire modules, emergency luminaire, or a passive infrared detector; they are designed to snap into the regularly spaced sockets on the trunking.

The Zipline Eco is a highly versatile industrial lighting system with five power options, broad, narrow, and double asymmetric light distributions and the SmartScan wireless lighting management system.

Applications: industrial, warehousing, and manufacturing.

- Narrow, broad or double asymmetric distribution luminaire module options
- Raw galvanised steel trunking
- Pre-installed wiring loom, module sockets at 1500 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

IP20 **Up to 190.1 LL/CW** SMARTSCAN LUXGUARD

Specification

Mounting	**Surface** **Suspended**	IP rating	**IP20**
Nominal size	**1500 mm module**	Max presence detection height	**8 m**

Lighting

Distribution	**Broad** **Narrow**	Lumen output	**4,400 lm - 10,975 lm**
Efficacy	**Up to 190.1 LL/CW**		

Emergency data

Emergency lumen output	**675 lm - 690 lm**	Emergency type	**Maintained**
Emergency duration	**3 hours**	Battery specification	**Nickel Metal Hydride (NiMH)**

Power

LED power	**22 W - 64 W**	Circuit power	**24 W - 67 W**

Construction

Housing	**Zinc coated steel body**	Finish	**Full polyester powder coat**
Body colour	**Satin white (RAL9016)**	Optical assembly	**Polycarbonate high efficiency LED lenses**

LED characteristics

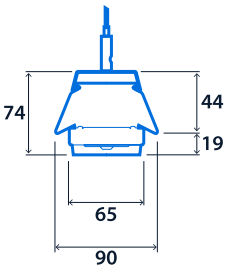
CRI	**80+**	Colour temperature	**4000 K**
Rated life (hours)	**100 K - L70/B10**	LED protection	**LUX Guard**
Driver efficiency	**>88%**	Replaceable light source	**Yes**
Power factor	**>0.9**	MacAdam ellipse	**3 Step**
Flicker metric	**IEC TR 61547-1: PstLM ≤1.0 / SVM ≤0.4**		

Compliance

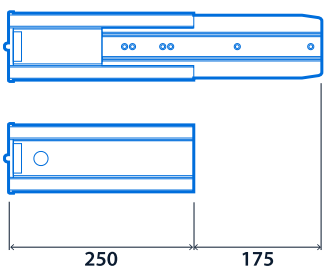
UKCA	**Yes**	CE	**Yes**
Energy efficiency class	**This product contains a light source of energy efficiency class B**		

Dimensions

Suspension mounted version



End kit



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Range

	Nominal size	LED power	Emergency system (optional)	Narrow	Broad	Double asymmetric	Lighting control system
SmartScan	1500 mm	22 W	**W**	**ZP16416**	**ZP16420**	**ZP16561**	**SS**
		33 W	**W**	**ZP16417**	**ZP16421**	**ZP16562**	**SS**
		41 W	**W**	**ZP16418**	**ZP16422**	**ZP16563**	**SS**
		53 W	**W**	**ZP16419**	**ZP16423**	**ZP16564**	**SS**
		64 W	**W**	**ZP16602**	**ZP16600**	**ZP16604**	**SS**
Standard	1500 mm	22 W	**E**	**ZP16424**	**ZP16428**	**ZP16565**	**A / L**
		33 W	**E**	**ZP16425**	**ZP16429**	**ZP16566**	**A / L**
		41 W	**E**	**ZP16426**	**ZP16430**	**ZP16567**	**A / L**
		53 W	**E**	**ZP16427**	**ZP16431**	**ZP16568**	**A / L**
		64 W	**E**	**ZP16603**	**ZP16601**	**ZP16605**	**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. **WZP16416SS** = 22 W / SmartScan Emergency / Narrow / SmartScan Internal

Additional Modules

Product code	Description	Weight
ZP16432	Presence detector - 750 mm module	0.9 kg
WZP19627	SmartScan Firefly Plus Emergency - Area downlighter - 750 mm module	1.3 kg
WZP19628	SmartScan Firefly Plus Emergency - Corridor downlighter - 750 mm module	1.3 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

Trunking - Raw Galvanised Steel

Product code	Description	Weight
ZP20296	Raw galvanised steel trunking - 1.5 m straight - Pre-installed wiring loom, module sockets at 1500 mm intervals. Plug and socket connections between trunking joints.	2.6 kg
ZP20295	Raw galvanised steel trunking - 3.0 m straight - Pre-installed wiring loom, module sockets at 1500 mm intervals. Plug and socket connections between trunking joints.	5 kg
ZP20294	Raw galvanised steel trunking - 4.5 m straight - Pre-installed wiring loom, module sockets at 1500 mm intervals. Plug and socket connections between trunking joints.	7.2 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
ZP20298	Raw galvanised steel trunking - End kit - One kit required per row. Includes live and dead end.	-
IK20299	Wire suspension kit - 3 m length - See mounting point spacing table in installation leaflet for required quantities	-
IK20491	Hoop wire suspension kit - 3 m length - See mounting point spacing table in installation leaflet for required quantities	0.04 kg
IK20494	Hoop wire suspension kit - 3 m length (10 pack) - See mounting point spacing table in installation leaflet for required quantities	0.45 kg

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Information is correct as of 27 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.