# 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**<br>**Suspended** | IP rating | **IP20** |
| Nominal size | **1500 mm module** | Max presence detection height | **8 m** |

## Lighting

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

# Zipline Eco

## 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

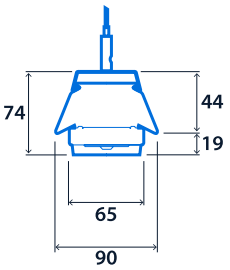
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|---|---|---|---|
| CRI | **80+** | Colour temperature | **4000 K** |
| Rated life (hours) | **100 K - L70/B10** | LED protection | **LUX Guard** |
| Driver efficiency | **>88%** | Replaceable light source | **Yes** |
| Power factor | **>0.9** | MacAdam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

## Compliance

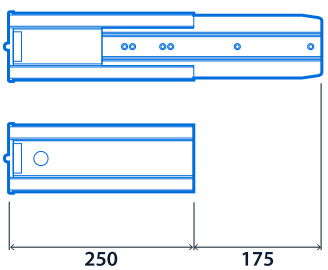
| | | | |
|---|---|---|---|
| UKCA | **Yes** | CE | **Yes** |
| Energy efficiency class | **This product contains a light source of energy efficiency class B** | | |

# Dimensions

**Suspension mounted version**




**End kit**



# Zipline Eco

## 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 |

# Zipline Eco





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Information is correct as of 04 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.