



Wireless Plus LED Shaft Lighting System

Low Smoke Zero Halogen strip with integrated full length emergency lighting and purpose made wireless control unit.



A patented high performance LED shaft lighting system complete with emergency feature and quick installation method. In compliance with **EN81-20** and meeting **CE**, **RoHS** and **REACH** manufacturing guidelines.

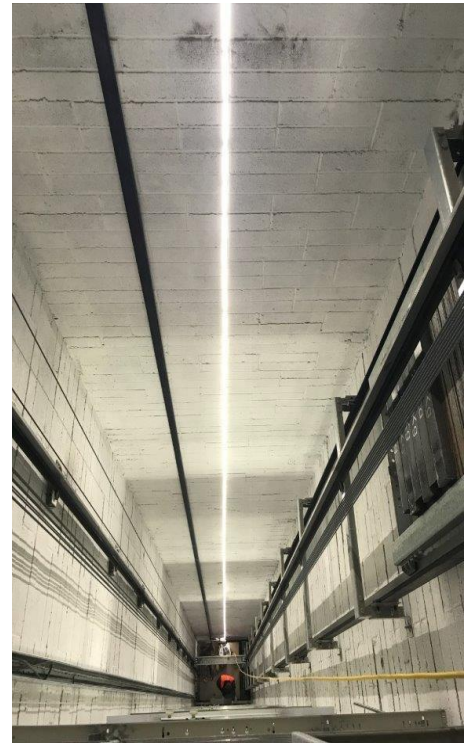
Featuring 120 LEDs per metre, the **Wireless Plus LED** light strip incorporates both main and emergency electrical circuits in one housing. Under emergency conditions, the control unit powers 12 LEDs per metre, providing continued safe illumination for operatives.

Plus LED strip

PEW Cat No's 993** (**denotes length in metres)
i.e. 99330 is an emergency 30 metre Plus LED strip.

Wireless Emergency Control Unit

Cat No KSECB1 > 30 metres.



Normal Operation



Emergency Operation

Benefits

Utilisation of high-performance LED components

- ➔ high degree of illumination
- ➔ reduced power consumption
- ➔ wireless switch up to 30 metres
- ➔ increased service life
- ➔ Low Smoke Zero Halogen

Emergency lighting in the entire shaft from a continuous LED light band

- ➔ considerable increase in security for maintenance personnel
- ➔ uniform illumination of the shaft even under emergency conditions
- ➔ purpose built emergency control unit for up to 150 mts

Neutral colour temperature

- ➔ natural colour rendering of all components in the shaft

Length of strip

- ➔ strip available in pre-cut lengths ranging between 8 mts and 30 mts
- ➔ extra length can be used to illuminate header/pit and not restricted to straight length

Wireless Plus LED Shaft Lighting System with integrated emergency lighting

Control Unit

The purpose made control unit contains the rechargeable battery for the emergency light power supply, the charging unit and the necessary electronic system to switch on the emergency light in case of a power failure.

The control unit continuously monitors the main power supply during operation and will switch immediately to the emergency light in case of a power failure.

Each control unit comes with a kinetic receiver and tethered switch.



Control Unit (PEW Cat No KSECB1)

Kit

- Emergency control unit
- LSZH LED strip with 5mts of connecting cable
- Dowels to hold the strip
- SDS drill bit
- Screws
- Red wall plugs
- Metal clad Kinetic switch x 1

* Additional switches can be ordered separately.
See accessories below.

Accessories

- **SLS/Wireless** kinetic (wireless) engraved shaft lighting metal clad switch.

Technical Specification 240 v Standard Light	
Colour Temperature	4000 - 4500 K
Vertical Illumination [@1M]	80 Lux
Operating Temperature	-20°C - 50°C
No. LED's Normal Lighting	108 LED per meter
Angle of Radiation	120°
Input Voltage	230-240 V AC 50/60Hz
Output Voltage	230-240 V DC
Dimensions	18.5mm x 9mm (wxh)
Weight	145 grams per meter
Lifetime	50,000 hours mttf (Mean Time To Failure)
Protection class	2
IP Protection	IP 65 / 2
Compliance	EN81-20
Length	8 - 30 meters
Fixings	Knock-in wall mounts every 2m
Technical Specification 24 v Emergency Light	
Vertical Illumination [@1M]	5 Lux
No. LED's Emergency Lighting	12 LEDs per meter
Emergency Back up	3 hours
Voltage	24 V DC
Angle of Radiation	120°
Power Consumption	30mA per meter. Max 1 amp at 50m

Cat No for complete kit:

97308 8 metres	97309 9 metres	97310 10 metres	97312 12 metres	97314 14 metres
97315 15 metres	97316 16 metres	97318 18 metres	97320 20 metres	97322 22 metres
97324 24 metres	97325 25 metres	97326 26 metres	97328 28 metres	97330 30 metres