



# CapellaStrip™ LED Strip Lighting

## For Tunnels, Compounds and Walkways

### Overview

NEW innovative state-of-the-art LED strip lighting system for works in tunnels, embankments, confined spaces, compounds and providing well-lit walkways for site access.

The CapellaStrip™ LED lighting strip is replacing existing link-lighting systems and when used alongside our Vitacell® rechargeable battery, will help businesses reduce their carbon emission footprint and noise pollution which are key drivers within the industry.

Our lighting strip is five times brighter than alternative systems delivering 300w per 25m strip and emits 1400 Lumens per metre. The CapellaStrip™ with driver is also fully compliant with the 2021 “flicker” regulations.

Once fitted, the lights are unobtrusive and can be safely left in situ whilst trains or traffic are running. This means that valuable possession time is not lost at the beginning and end of each shift, thereby increasing productivity and engineering output.

LIGHTWEIGHT 330mm DIAMETER REEL



WATERPROOF POWER CONNECTORS



## Key Benefits

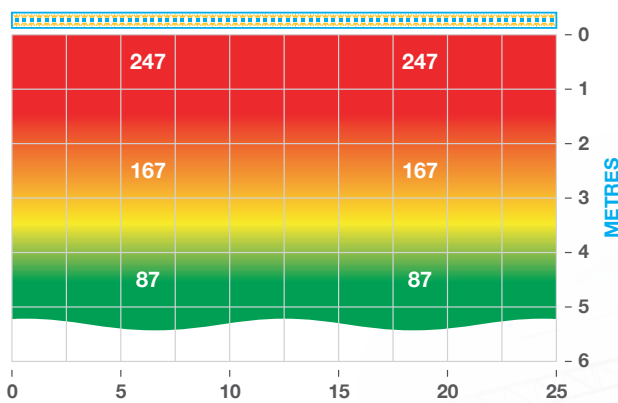
- ▶ Can be left in situ during train movements
- ▶ Can be operated with the Vitacell© battery
- ▶ Can be supplied in 5 to 25 metre strips
- ▶ Operates at 110V
- ▶ Linkable units up to 220m sections
- ▶ 8.7Kg (25m length including reel)
- ▶ 5 x more powerful than traditional link lighting
- ▶ Multi-directional lighting that provides the same quality of light throughout
- ▶ Fully water-proof and shatter-proof
- ▶ Quick and easy to install
- ▶ Meets 2021 “Flicker” regulations
- ▶ CE approved

## Specifications

<b>Voltage</b>	AC 110V constant current
<b>LED make</b>	Epistar
<b>LED type</b>	SMD 2835
<b>LED configuration</b>	144/m
<b>Range fed from one side</b>	25m
<b>Range fed from both sides</b>	No
<b>Operating temperature</b>	-30 to +50 °C
<b>IP rating connectors</b>	IP65
<b>Power consumption per metre</b>	12W
<b>Colour rendering index CRI</b>	>80
<b>Colour temperature</b>	6500 Kelvin
<b>Luminous efficacy</b>	105 Lumens/m
<b>Lumens P/M</b>	1400 Lumens/m

<b>Supply voltage VAC</b>	90-140V
<b>Light maintenance</b>	15% drop within 3 years
<b>Expected lifespan</b>	5 years
<b>Warranty lighting</b>	1 year
<b>Fire retardant</b>	Yes
<b>Outer covering</b>	Food grade Silicone
<b>Dimensions</b>	4.5mm x 14mm
<b>Connectors</b>	Yes
<b>Tensile strength</b>	30Kgs
<b>Overvoltage protection</b>	Yes
<b>Overheat protection</b>	Yes
<b>Dust repellent</b>	Yes
<b>Packing</b>	25m/drum

## Light Plot



## Durable Carry Bag



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