



# LEDTEC

## 60W LCV2 CONVEYOR

### TECHNICAL DATA SHEET

The LCV2 conveyor light features purposely designed long yet narrow beam optics to specifically focus light along the length of narrow conveyor and catwalk areas. This optical design also enables pole spacing to be maximised to 16 metres while still achieving a lux level of 40Lm. The LCV2 also contains a solid state integral emergency module powered by LiFe P04 cells which constantly conducts operational ready tests to guarantee emergency lighting is readily available if a power outage occurs on site.

#### Areas for Application

- Conveyors
- Walkways
- Stairwells
- Roadways
- Mine Sites
- Processing Plants
- Pedestrian Access Ways
- Campsite Area Lighting
- General Area Lighting

## TECHNICAL SPECIFICATIONS

Product	
Mains Powered Model (Standard)	LCV2 60W
Emergency Model	LCV2 60W-E
Luminaire Information	
Luminous Flux	7600Lm/W
Correlated Colour Temperature	5000k Standard (2700-6500K options available)
Colour Rendering Index	>70Ra excluding amber
LED Expected Lifespan	50,000 - 70,000hrs
Lens Beam Angle	Type A X:136°, X:74°
Fixture Installation	Bracket Mounting Pole Mounting
Mounted Height	0-30 metres
Pole Spacing (maintaining 40 lux)	Up to 16m apart

Electrical Characteristics	
Rated Power	60W
Operating Temperature Range	-40° ~ +50°c -0° ~ +50°c
Operating Voltage Range	90-305VAC
Frequency Range	47-63Hz
Power Factor	0.90/230VAC
Input Current	0.26A/230VAC
Driver Type	Mean Well
Driver Installation	Built-In
Efficiency	>90%
Emergency Lighting	Optional

Environmental, Material & Finish	
Ingress Protection Rating	IP66
Impact Rating	IK09
Cable Entry Options	1 x M20
UV Resistance	UV resistance coating applied
Material Composition (Body)	Aluminium Alloy & Black Powder Coating
Material Composition (Bracket)	SPCC & Black Powder Coating
Material Composition (Optical)	Polycarbonate

Weight & Packaging	
Luminaire Dimensions	L410 x W245 x D128
Weight (Standard)	5.1kg
Weight (Emergency)	5.3kg

Built-In Emergency Module	
Parameter	
Charge Time	>= 24hrs
Battery Type	Li-Fe
Discharge Time	4W 3hrs

Warranty	
Warranty	5 years

## EMERGENCY MODULE

If required, the LCV2 conveyor LED light utilises a solid state integral emergency module. The emergency power is delivered by LifePO4 cells with a host of intelligent management circuitry. Operational ready tests are completed on a regular basis to ensure that emergency lighting is available in case of power outages. An inbuilt processor warns the user if attention is required which enables operators to maximise efficiency of their time on site, making it the ideal industrial mining emergency conveyor light.

## LIGHT DISTRIBUTION DIAGRAM

TYPE A NARROW WIDE: X148° Y79°

