LEADSUN
EST. 2005
ALWAYS DEPENDABLE

DATASHEET

LS - CrossingLED MAX

Category PX-2 LED Luminaire

The CrossingLED MAX is a high performance luminaire designed specifically to meet Australian and New Zealand road lighting requirements. Designed to replace 150W and 250W HPS luminaires, the Leadsun CrossingLED MAX provides market leading optical performance and uniformity without compromising on safety or reliability.

Emerald Drive Pedestrian Crossing
Campbelltown City Council

The LED optical system is optimised to provide focused and compliant lighting for AS1158.4.1 Category PX-2 to illuminate the whole crossing. Both Left and Right throw lenses are available increasing installation options and ensuring pedestrian safety while minimising driver glare.

The luminaire has IP66 Ingress Protection while maintaining a light weight due to its aluminium body. Powered by Leadsun AEX solar engines, the CrossingLED MAX is the SMART, Reliable, and compliant grid free solution for all pedestrian crossings.

Features

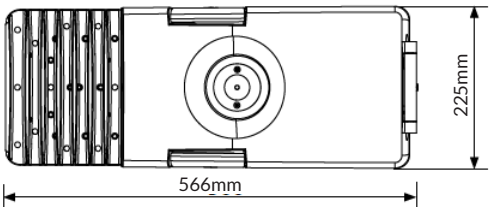
- ☑ High performance street luminaire based on the OrangeTEK IGNIS
- ☑ Compliant with AS1158.4 Category PX-2
- ☑ Specific optics designed for pedestrian crossings
- ☑ Designed specifically to meet Australian and New Zealand lighting standards
- ☑ CCT: 4000K colour temperature
- ☑ Left and right throw lenses avaliable
- ☑ Optical chamber sealed to IP66 ingress protection
- ☑ Minimum 70 CRI
- ☑ Optional shielding
- ☑ Dark Sky Approved

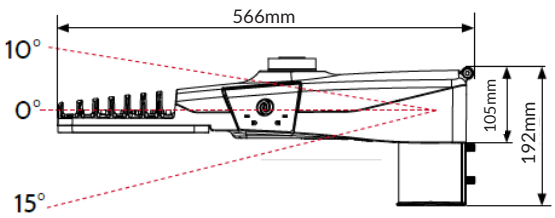
Applications

- ☑ Zebra Crossings
- ☑ Wombat Crossings
- ☑ Pedestrian Crossings
- ☑ Car Park/Commuter Crossings

CrossingLED MAX

Model: L40090	
PHYSICAL PARAMETERS	
Net weight of product (kg)	8.2
Mounting diameter (mm)	34-76
TECHNICAL & OPERATING PARAMETERS	
Light output (W)	15-40
LED colour temperature (K)	4000
LED typical luminous flux @ 40W (lm)	5929
LED distribution type	ZIL, ZIR Lenses
Lifetime of LED @ TQ 40° C	All configurations L90 >100,000 hrs
MECHANICAL	
Housing	Lightweight LM6 aluminium body
	Stainless steel fasteners, latches and clips
	Hinged access cover with quick access clips
Tilt	-15° to 10°
Visor	Recessed optically pure
	Tempered glass
Colour	RAL 907040 Window Grey
Protection	IP66
Design life	20 years
ENVIRONMENT & STANDARD	
Ambient operation temps	-10 to 40°C
EMC compliant	AS/NZS CISPR15, AS/NZS 60598.1
Luminaires - Performance	NZS TS 1158.6
OPTIONAL ACCESSORIES	
Surge protection device (SPD)	
Fused terminal block	
Front Shield	
Rear Shield	
Eye Shield	
Surround Shield	
Glass Cover	
Wire Guard	
TECHNICAL DRAWING	





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