LEADSUN
EST. 2005
ALWAYS DEPENDABLE

DATASHEET

LS - RoadLED MIDI

Category V & Category P LED Luminaire

Engineered and crafted in Australia, the RoadLED MIDI is a high performance Category V luminaire designed specifically to meet Australian and New Zealand road lighting requirements.

Semi Cut Off Self Cleaning Visor Option

Powered by Leadsun AEX Solar Engines, the RoadLED MIDI has an optical system and LED light source that is optimised to provide maximum spacing, complying with AS1158.4.1 Category V lighting requirements.

The optical chamber is sealed to IP66 ingress protection and the optional self-cleaning visor minimises light loss due to dirt accumulation, reducing maintenance and resulting in a highly energy efficient luminaire that is trimmable and dimmable.

Features

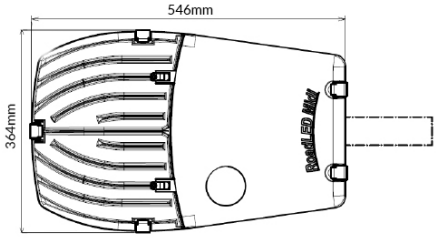
- ☑ High performance road luminaire based on Sylvania RoadLED MIDI
- ☑ Designed specifically to meet Australian and New Zealand lighting standards
- ☑ Specifically designed optics for maximum light spread and pole spacings
- ☑ Compliant with AS1158 Category V & P
- ☑ CCT: 4000K standard, 3000K colour temperature available
- ☑ Optical chamber sealed to IP66 ingress protection
- ☑ Minimum 70 CRI
- ☑ Optional self-cleaning visor

Applications

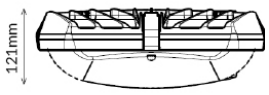
- ☑ V3 Arterials, Motorways, Freeways, Expressways
- ☑ V4/V5 Sub Arterial, Principal, Distributor Roads
- ☑ PR1/PR2 Collector Roads

RoadLED MIDI

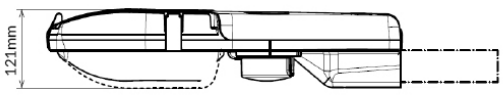
Model: L4YR	
PHYSICAL PARAMETERS	
Net weight of product (kg)	9.2
Mounting diameter (mm)	43-48
TECHNICAL & OPERATING PARAMETERS	
Light output (W)	20-100
LED colour temperature (K)	4000 (3000 avaliable)
LED typical luminous flux (lm)	9200 @ 70W
Mounting height	6-10m
Light spreads (m)*	PR2: 40-70 V5: 34-66 V3: 20-62
LED distribution type	T2/T3/T3M
Lifetime of LED @ TQ 40° C	88,000h - L95
MECHANICAL	
Housing	Pressure die cast aluminium body
	Stainless steel fasteners, latches and clips
	Hinged access cover with quick access clips
Visor	AERO screen visor standard
Colour	RAL 9006 White Aluminium as standard (Black avalible)
Optic & Gear Chamber Protection	IP66
Connection Chamber Protection	IP24
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)	
Self cleaning semi cut off visor	
5° tilt spigot adjuster	
IK10 SCO Visor	
360° Glare Shield	
TECHNICAL DRAWING	



TOP VIEW



FRONT VIEW
[with semi cut off visor]



SIDE VIEW
[with semi cut off visor]

*Actual Spreads likely to differ due to project specific design requirments and pole heights.

42 Greens Rd, Dandenong Sth, VIC 3175 | sales@leadsun.com.au | 1300 532 378 | www.leadsun.com.au