



STREETLED LIGHTING THE FUTURE

LED LIGHTING FOR ROADS & AMENITIES

- Reduced Carbon Footprint
 - Less maintenance
 - Use less power
 - Save \$\$\$



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SYLVANIA LIGHTING AUSTRALASIA PTY LTD

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SAVE WITH STREETLED

The SYLVANIA StreetLED 25W LED luminaire is the latest development in environmentally-friendly street lighting. Developed for Australia's Pedestrian Area and Minor Road (Category P) lighting applications, the StreetLED is amongst the most energy efficient luminaires on the market.

StreetLED complies with the requirements of AS1158 series where applicable and is equipped with a highly efficient state-of-the-art SYLVANIA StreetLED module which delivers superior energy efficiency. Maximum efficacy is achieved through the precise distribution of the light to the working plane. Precise light distribution is delivered via precision refractive prisms which optimize light distribution whilst significantly reducing waste and spill light.

Constructed from a pressure die-cast aluminium body, the StreetLED includes a Self Cleaning Acrylic visor, highly efficient and long life LED module inside an IP66 rated optical chamber. These features result in a low maintenance fixture capable of providing unprecedented cost savings.

To allow for future upgrading or easy replacement in the unlikely event of failure, the StreetLED has been specifically designed with 'quick release' latches which provide immediate access to the "Plug and Play" electronic control gear and LED module.

In summary, the engineering of the StreetLED Roadway Lighting luminaire offers features that deliver tangible benefits in lowering the total cost of operation to councils and reducing broader costs to the environment.

Die-cast aluminium body

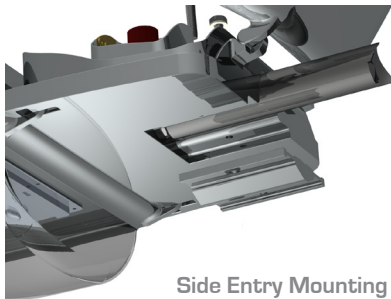
- Robust yet light weight (<7kgs)
- Non-corrosive to deliver long service life
- Streamlined design with no fins to attract dust thus eliminating thermal build up that can result in shortened lamp life
- Comes in standard colours of white, grey, black or raw aluminium. Other colours are optional.

IP66 Rated Optical Chamber

- Ensures protection against dust contamination
- Lowers maintenance requirements
- Additional protection offered by IP65 rated LED module

Self Cleaning Visor

- Lowers maintenance requirements
- Ensures consistent light output
- Glare shield version available to reduce spill light to residents in narrow streets
- Upward light spill of less than 0.2% provides improved lighting efficiency



Side Entry Mounting

- Fits 27mm to 34mm O.D. pipe

Plug & Play LED Module and Electronic Control Gear

- Easy maintenance requirements
- Tool-free quick repair/replace
- Double protection with IP66 rated Housing and IP67 rated Control Gear

Inbuilt 2 Stage Surge Protection

- Reduces lamp or unit failures that can result from power surges or down line lightning strikes



WHY CHOOSE STREETLED AS YOUR GREEN SOLUTION LIGHTING SOLUTION?

- Lower power usage
- Lower carbon emissions
- Cost reduction across multiple areas of consideration:
 - no lamp replacement is required which results in less servicing
 - lower cost of operation delivered through the efficacy of LED technology
- Environmentally responsible & sustainable



COMPARING LED OVER OTHER TECHNOLOGIES

Energy Usage In Street Lighting

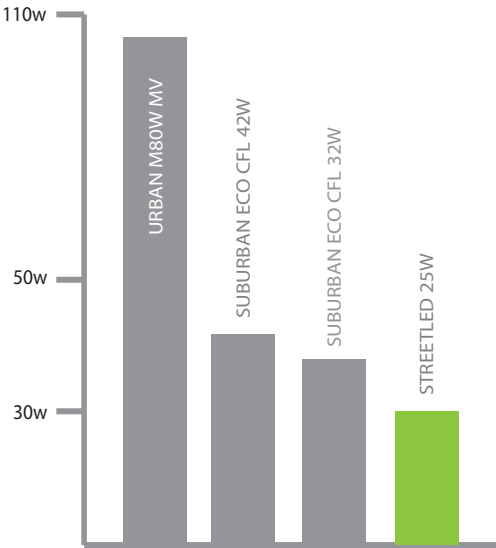
By making the change from the standard Mercury Vapour lamps that are traditionally used in minor road and public lighting applications, to energy efficient alternatives such as Sylvania's StreetLED 25W luminaire, energy usage and maintenance costs can be substantially reduced (based on average operation times and nominal cost projections).

As a market leader in the lighting industry, Sylvania Lighting Australasia has used its extensive experience in the

development of roadway lighting products to create the StreetLED.

StreetLED is born of Sylvania's expertise in the creation of lighting solutions that are designed to handle Australia's unique conditions. You can have confidence that StreetLED will perform for the long term. StreetLED also delivers benefits in reduced energy usage and gas emissions required to meet environmental and regulatory requirements.

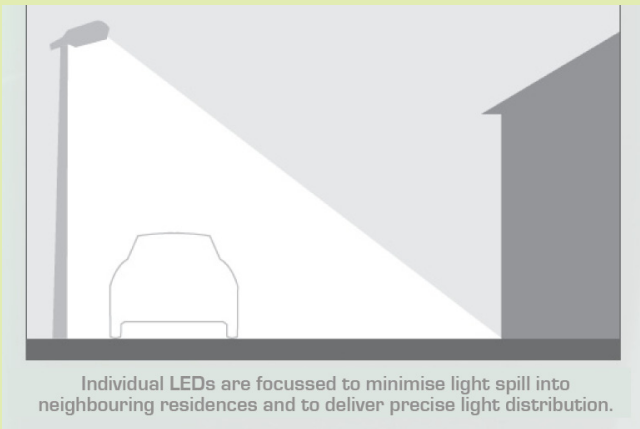
Energy Usage Comparison		
Product	Nominal Lamp Rating	Power Consumption
StreetLED 25w LED	25w	28.5w
Suburban Eco CFL 42w	42w	46w
Suburban Eco CFL 32w	32w	35w
Urban M 80w MV	80w	92.4w



Unique Optics For Better Light Control

The StreetLED's unique optical system offers better performance whilst reducing obtrusive glare and spill light. The superior optics allow for greater spacing to mounting height ratios when compared with the standard technology luminaires thus reducing the number of luminaires required for installation. Individual LEDs are identically focused which ensures that even in the unlikely event of a single LED failing, there are no resulting black spots. This complies with the Lighting Technical Parametres of AS1158.3.1.

Certification for the StreetLED is NATA AS1158.6 compliant where appropriate.

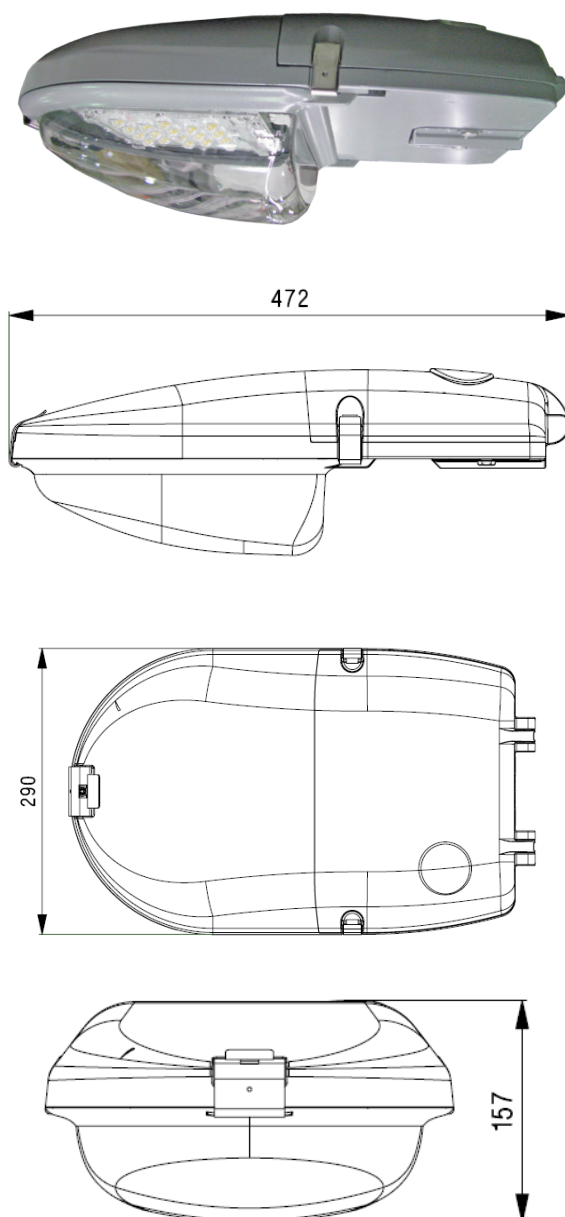


Comparative Performance - Pole Spacing

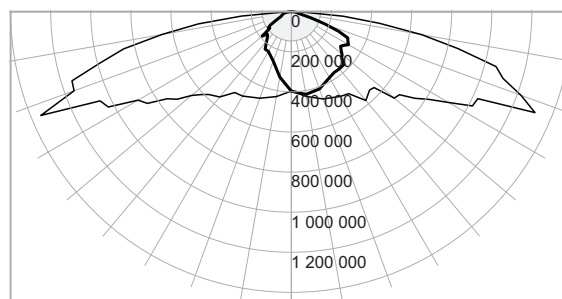
Category P4 (new)	15m road reserve		20m road reserve	
	5.5m height	6.5m height	5.5m height	6.5m height
StreetLED 25w LED	64m	70m	53m	70m
Suburban Eco CFL 42w	62m	68m	51m	59m
Urban M 80w MV	61m	67m	50m	58m
Suburban Eco CFL 32w	57m	63m	42m	52m

Category P5 (existing)	15m road reserve		20m road reserve	
	5.5m height	6.5m height	5.5m height	6.5m height
StreetLED 25w LED	77m	84m	68m	84m
Suburban Eco CFL 42w	75m	82m	68m	80m
Urban M 80w MV	62m	81m	51m	67m
Suburban Eco CFL 32w	67m	74m	65m	73m

STREETLED DIMENSIONS (in mm)



STREETLED PHOTOMETRY



Above: Total distribution 90 degree vertical (25W Lighting Module)

For detailed part numbers and configuration options,
visit the SLA website:
<http://www.sla.net.au/?i=70826/streetled-25w>
or scan the QR code



Description	Type	Weight	Order Code
StreetLED 25W	LED	6.9kg	JL9901L29

Note: the above codes are for standard products only. Please refer to SLA Pricelist for options.



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