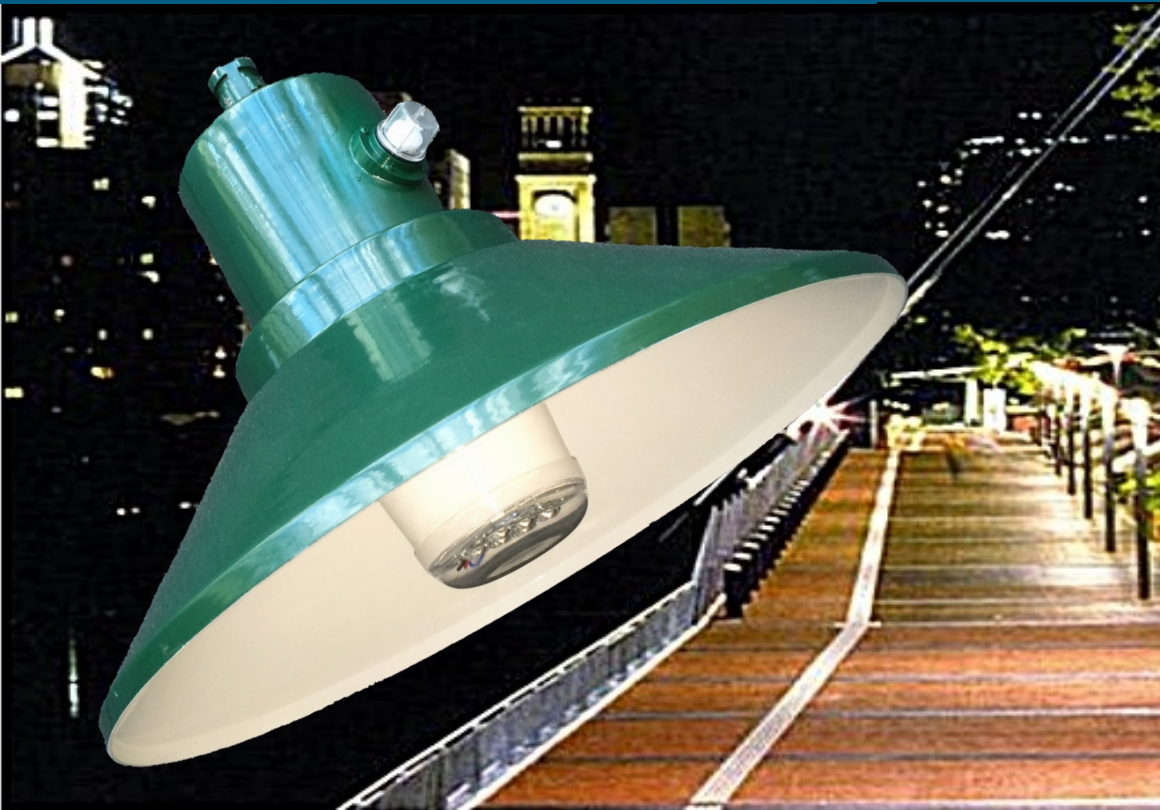


# Ozlite LED

Energy Efficient LED Streetlight



Efficient  
Effective  
Ergonomic

LED  
Decorative  
Street  
Light



**Streetworx**  
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streetworx.com.au  
**Yes, it's ACE**

## Specification

Ultimate quality, one piece heavy duty seamless housing of 3mm aluminium with IK08 impact protection rating.

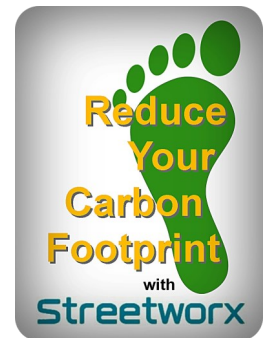
Electronic D2 PE Cell in threaded and sealed weatherproof enclosure. External NEMA style 7 pin base also available

Stainless steel ¼ turn fasteners provide a secure watertight interface, with quick and easy service access.

Superior quality Mean Well® Driver module sealed to IP67.

High output Patented plug-in custom LED light source module incorporating the latest technology Cree, Inc.® LED's and Ledil® lenses.

Custom PMMA lens sealed to IP67 with IK08 impact rating.



## Application

Streetworx **Ozlite LED23** provides the solution to the historical nature of failures of similar decorative lanterns. Similar lanterns made from multiple body sections in steel, with steel screws and bolts, have a propensity to permit water entry through rusted joints and body components. Consequently, water ingress and rusting creates the possibility of the body collapsing through joint failure, as well as creating maintenance issues with control component failures.

The entire Ozlite LED23 housing is made from a single piece of 3mm thickness spun aluminium, providing a full seamless construction of the outer shell. Water cannot penetrate. The light source module housing is made in the same manner, and is held in place with non-corrosive stainless steel fixings.

The Ozlite LED23 provides exceptional performance in beach front esplanades and marinas where previously the salty environment has created considerable issues with luminaires made from different material and constructed in a different manner.

The Ozlite LED23 is ideally suited for areas where there is a risk of attempted vandalism, as the LED lens offers an exceptional IK08 impact protection rating. Additionally, with the body being spun from a single piece of 3mm thick aluminium, it therefore offers an IK08 impact protection rating as well.

The Ozlite LED23 is **Australian made**, with its modular design and superior component selection offering considerable operation and maintenance savings over the extended life of the installation.

Every control component is replaceable with the lantern installed on the pole.

## Standards

Has been tested to, and complies with:  
**SA/SNZ TS 1158.6:2015**  
**AS/NZS 60598.2.3:2015**

Acrylic PMMA Lens **IK08**  
 Aluminium Body 3mm **IK08**

Control Gear **IP 67**



DESIGNED AND MADE LOCALLY  
 IN MELBOURNE



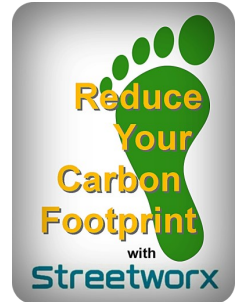
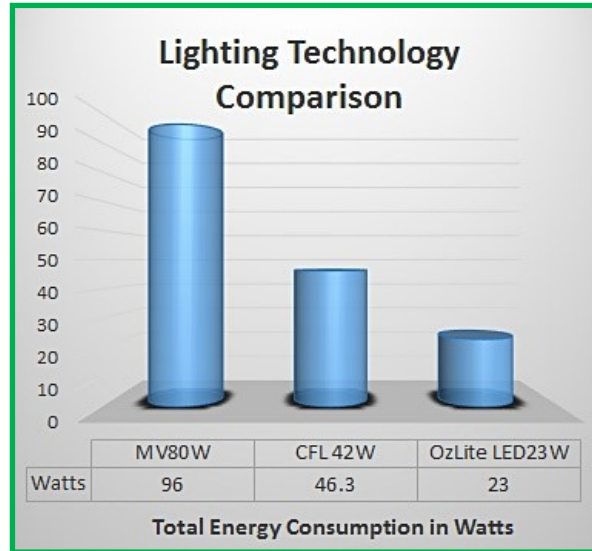
AS/NZS ISO 9001  
 Certified

Davis Langdon Certification Services



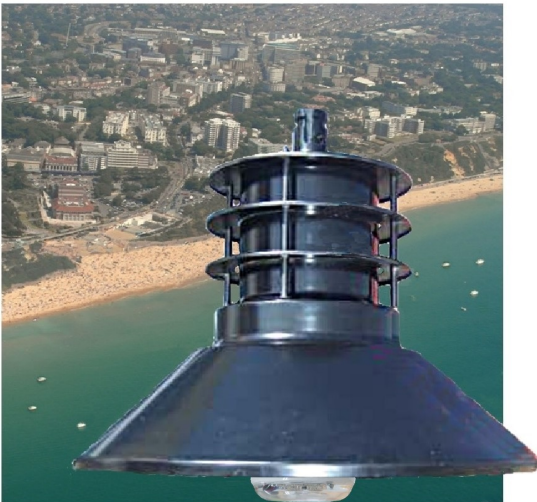
## The *Energy Efficient Range*

### OzLite LED23



The new OzLite LED23 uses 76% less energy than the old Mercury Vapour 80W lanterns, and 51.8% less energy than a 42W Compact Fluorescent lantern.

### OzLite LED23 "Alpha"



#### Features

- ✓ Total energy consumption of 23Watts only.
- ✓ Impact resistance rating of IK08 for both body and lens.
- ✓ Offers superior resistance to vandal damage.
- ✓ Easy maintenance in situ— all major components easily replaceable.
- ✓ Provides pole spacings in excess of the Standard.
- ✓ Custom LED board with high output Cree® LED's.
- ✓ High quality Mean Well® LED driver to IP67.
- ✓ Littlefuse® Surge Protection Device (SPD) installed.
- ✓ Option of D2 or 7 pin NEMA photocell base.
- ✓ Exceeds the requirements of SA/SNZ TS 1158.6.2015 and AS/NZS 60598.2.4:2015
- ✓ Minimal weight of 5.6kg.
- ✓ Warranty 10 years.



**VANDAL RESISTANCE**

Every OzLite LED23 offers superior resistance to potential vandalism, with an impact protection rating of IK08. Both the OzLite LED23 body components and the lens over the LED's, have achieved a minimum impact protection rating of IK08 (impact energy of 5 joules using a test Mass of 1.7kg)

## Ordering









Order the Ozlite LED23 as a *Top Entry* or a *Side Entry* lantern using the basic catalogue number below, followed by a description including the style, PE cell type, and colour.

Top Entry	SWOZ23T
Side Entry	SWOZ23S
Style	Standard or <i>Alpha</i>
P.E. Cell Type	<i>Optional</i> - D2 or 7 pin NEMA type PE Cell base
Colour*	Black, Green, White, Maroon are standard.

\*Ozlite LED23 is available in various body colours

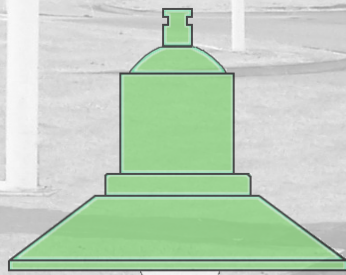
Ordering example for a side entry lantern: *SWOZ23S, standard style, D2 PE cell base, colour Green.*

## Applications

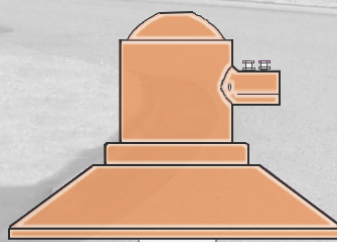
-  Street Lighting-Cat. P
-  Housing Estates
-  Shore Front Esplanades
-  Parks
-  Marinas
-  Walkways
-  Car Parks
-  Public Areas



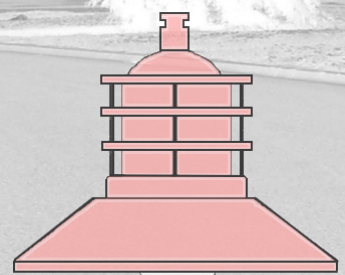
DESIGNED AND MADE LOCALLY  
IN MELBOURNE



Top Entry



Side Entry



Top Entry *Alpha*

Streetworx Pty Ltd is 100% Australian owned and operated. The Streetworx Ozlite LED23 is designed, engineered, tested and fully certified in Australia, to all applicable Australian Standards. The **Ozlite & Ozlite LED23**, include technology protected by Designs, Patents and/or Copyright

## Technical

Voltage	240V 50Hz.
Wattage	23W
Colour Temperature	4000K
Colour Rendering Index	90 CRI
Photoelectric Cell	<i>Optional</i> - Electronic D2 or 7 pin NEMA PE Cell base.
LED Driver	Short circuit, over current, over temperature, over voltage protection. IP67 Dimming available.

## Mounting

Mass	5.6kg
Top Entry Spigot Size	45mm
Side Entry Spigot Size	27mm—43mm

## Dimensions

Top Entry Luminaires	472mm High
Side Entry Luminaires	405mm High
All Ozlite LED Luminaires	570mm Wide



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