

# USY-20643

## Syndy Oval Reflector Post Top



55w COB  
3150 Lumens

40w COB  
2351 Lumens

IP65  
Suitable for wet locations

IK07  
Impact Resistant [Vandal Resistant]

EPA - 2.26

Weight - 51.1 lbs

POLE NOT INCLUDED

### Construction

#### Aluminum

Less than 0.1% copper content - Marine Grade 6060 extruded & LM6 Aluminum High Pressure die casting provides excellent mechanical strength, clean detailed product lines and excellent heat dissipation.

#### Pre paint

8 step degrease and phosphate process that includes deoxidizing and etching as well as a zinc and nickel phosphate process before product painting.

#### Memory Retentive -Silicon Gasket

Provided with special injection molded "fit for purpose" long life high temperature memory retentive silicon gaskets. Maintains the gaskets exact profile and seal over years of use and compression.

#### Thermal management

LM6 Aluminum is used for its excellent mechanical strength and thermal dissipation properties in low and high ambient temperatures. The superior thermal heat sink design by Ligman used in conjunction with the driver, controls thermals below critical temperature range to ensure maximum luminous flux output, as well as providing long LED service life and ensuring less than 10% lumen depreciation at 50,000 hours.

#### Surge Suppression

Standard 10kv surge suppressor provided with all fixtures.

#### BUG Rating

B1 - U2 - G2

#### Finishing

All Ligman products go through an extensive finishing process that includes fettling to improve paint adherence.

#### Paint

UV Stabilized 4.9Mil thick powder coat paint and baked at 200 Deg C. This process ensures that Ligman products can withstand harsh environments. Rated for use in natatoriums.

#### Hardware

Provided Hardware is Marine grade 316 Stainless steel.

#### Anti Seize Screw Holes

Tapped holes are infused with a special anti seize compound designed to prevent seizure of threaded connections, due to electrolysis from heat, corrosive atmospheres and moisture.

#### High Impact Acrylic Lens

Manufactured with Ultra High Impact, Naturally UV Stabilized Injection Molded Acrylic.

#### Optics & LED

Precise optic design provides exceptional light control and precise distribution of light. LED CRI > 80

#### Lumen - Maintenance Life

L80 /B10 at 50,000 hours (This means that at least 90% of the LED still achieve 80% of their original flux)

**Indirect mirror-reflector post top. Technically precise indirect ambient lighting using faceted mirror reflectors atop elegant columns with concealed uplight.**

A modern post top luminaire with excellent indirect downward light distribution that can be adjusted to provide a forward throw asymmetric distribution. This visually unobstrusive luminaire is manufactured with a white painted highly reflective powder coat that provides a uniform and low glare light pattern.

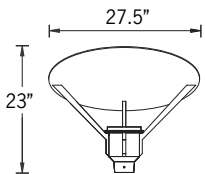
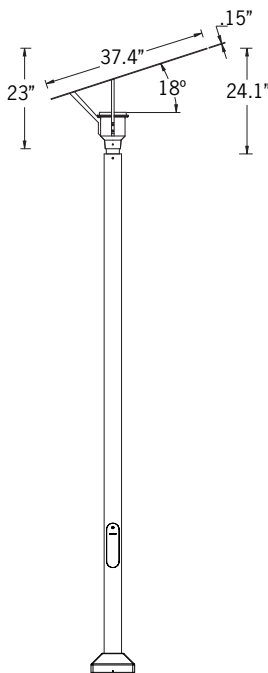
One of the main features of this type of reflector system is that it provides excellent vertical, as well as horizontal illumination without discomfort glare. Designed for lighting entrances, footpaths and car parks.

The adjustability of the top reflector provides specific onsite aiming flexibility. This luminaire is provided with options of 40w (USY-20643) or 55w (USY-20644) high performance LEDs. The fixture is available in color temperatures 2700K, 3000K, 3500K and 4000K. This luminaire is provided prewired with power cord to the handhole to simplify installation.

Additional Options (Consult Factory For Pricing)



A20491  
Root Mount Kit



Reflector Detail



# USY-20643

Syndy Oval Reflector Post Top

<b>PROJECT</b>		<b>DATE</b>	
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<b>QUANTITY</b>		<b>TYPE</b>		<b>NOTE</b>	
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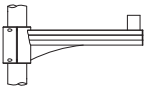
ORDERING EXAMPLE || USY - 20643 - 40w - W30 - 02 - 120/277v - Options

<b>USY-20643</b>					
	<b>LAMP</b>	<b>LED COLOR</b>	<b>FINISH COLOR</b>	<b>VOLTAGE</b>	
	55w COB 3150 Lumens	W27 - 2700K W30 - 3000K W35 - 3500K	01 - BLACK RAL 9011 02 - DARK GREY RAL 7043 03 - WHITE RAL 9003 04 - METALLIC SILVER RAL 9006 05 - MATTE SILVER RAL 9006 06 - LIGMAN BRONZE 07 - CUSTOM RAL	120/277v Other - Specify	
	40w COB 2351 Lumens	W40 - 4000K			

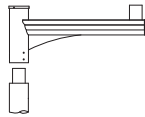
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## ADDITIONAL OPTIONS

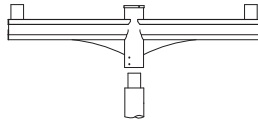
- DIM - 0-10v Dimming
- NAT - Natatorium Rated
- A20491 - Root Mount Kit



A20176  
Aluminum Arm Pole Clamp



A20276  
Aluminum Single Arm



A20376  
Aluminum Double Arm

# Syndy Product Family



Syndy 1

- USY-20643-40w-2351lm
- USY-20643-55w-3150lm



Syndy 2

- USY-20913-39w-2491lm
- USY-20913-49w-2922lm



Synydy 3

- USY-20931-40w-2328lm
- USY-20931-55w-3139lm



Syndy 4

- USY-21093-39w-2787lm
- USY-21093-49w-3269lm