

# ULL-20002

## Laluna 3 Indirect Post Top



48w COB  
2270 Lumens

IP65  
Suitable for wet locations

IK08  
Impact Resistant [Vandal Resistant]

EPA - 2.26

Weight - 38.5 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**  
Contact Factory

**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.

**Inspired by Nature Finishes**  
The Inspired by nature Finishing is a unique system of decorative powder coating. Our metal decoration process can easily transform the appearance of metal or aluminum product into a wood grain finish.

This patented technology enables the simulation of wood grain, and even marble or granite finish through the use of decorative powder coating.

The wood grain finish is so realistic that it's almost undistinguishable from real wood, even from a close visual inspection. The system of coating permeates the entire thickness of the coat and as a result, the coating cannot be removed by normal rubbing, chipping, or scratching.

**The Coating Process**  
After pre-treatment the prepared parts are powder coated with a specially formulated polyurethane powder. This powder provides protection against wear, abrasion, impact and corrosion and acts as the relief base color for the finalized metal decoration.

The component is then wrapped with a sheet of non-porous film with the selected decoration pattern printed on it using special high temperature inks.

This printed film transfer is vacuum-sealed to the surface for a complete thermo print and then transferred into a customized oven. The oven transforms the ink into different forms within the paint layer before it becomes solid. Finally, the film is removed, and a vivid timber look on aluminum remains.

Wood grain coating can create beautiful wood-looking products of any sort. There are over 300 combinations of designs currently in use. Wood grains can be made with different colors, designs, etc.

Our powder coatings are certified for indoor and outdoor applications and are backed by a comprehensive warranty. These coatings rise to the highest conceivable standard of performance excellence and design innovation.

- Added Benefits**
- Resistance to salt-acid room, accelerated aging
  - Boiling water, lime and condensed water resistant
  - Anti-Graffiti, Anti-Slip, Anti-Microbial, Anti-Scratch
  - Super durable (UV resistant)
  - TGIC free (non-toxic)

**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.

**Crystal Clear Low Iron Glass Lens**  
Provided with tempered, impact resistant crystal clear low iron glass ensuring no green glass tinge.

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

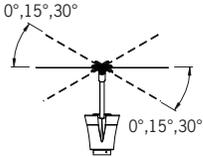
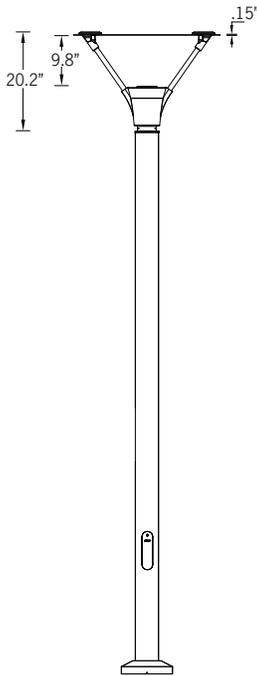
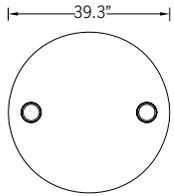
**Lumen - Maintenance Life**  
L80 /B10 at 50,000 hours (This means that at least 90% of the LED still achieve 80% of their original flux)

**Indirect adjustable reflector post top. Perfect soft-edged ambient lighting and wide distributions delivered from a graceful contemporary structure.**

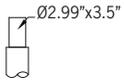
A modern post top luminaire with adjustable for downward symmetrical light distribution and asymmetrical light distribution. High performance COB LED light engine. The precision optical system gives very low glare rating, while reducing light pollution. Designed for lighting entrances, footpaths, parking lots and town centers. Color temperatures 2700K, 3000K, 3500K and 4000K, LED CRI >80.

White coated aluminium reflector on the top of luminaire. Low copper content die-cast aluminium housing with high corrosion resistance. Stainless steel fasteners in grade 316. Durable silicone rubber gasket and clear toughened glass. Housing is treated with a chemical chromated protection before powder coating, ensuring high corrosion resistance.

To meet International Dark Sky criteria, 3000k or warmer LEDs must be selected.



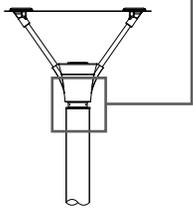
### Reflector Detail



Must use 2.9" x 3.5" tenon

### Tenon Detail

Use 5" or 5.5" diameter pole for smooth visual transition with pole top fixture



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Laluna 3 Indirect 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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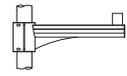
ORDERING EXAMPLE || ULL - 20002 - 48w - W30 - 02 - 120/277v - Options

<b>ULL-20002</b>				
<b>LAMP</b>	<b>LED COLOR</b>	<b>FINISH COLOR</b>	<b>VOLTAGE</b>	
48w COB 2270 Lumens	W27 - 2700K W30 - 3000K W35 - 3500K W40 - 4000K	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	

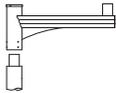
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## ADDITIONAL OPTIONS

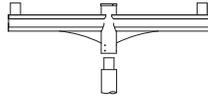
DIM - 0-10v Dimming  
NAT - Natatorium Rated



A20176  
Aluminum Arm Pole Clamp



A20276  
Aluminum Single Arm



A20376  
Aluminum Double Arm

### INSPIRED BY NATURE FINISHES

- SW01 - OAK FINISH
- SW02 - WALNUT FINISH
- SW03 - PINE FINISH
- DF - DOUGLAS FIR FINISH
- CW - CHERRY WOOD FINISH
- NW - NATIONAL WALNUT FINISH
- SU01 - CONCRETE FINISH
- SU02 - SOFTSCAPE FINISH
- SU03 - STONE FINISH
- SU04 - CORTEN FINISH



THERE IS AN ADDITIONAL COST FOR THESE FINISHES

## More Custom Finishes Available Upon Request

Consult factory for pricing and lead times



Example: Inspired by Nature Finish

# Laluna Product Family



Laluna 1

• ULL-20001-41w-3001lm



Laluna 2

• ULL-20011-57w-4404lm



Laluna 3

• ULL-20002-48w-2270lm