

# UOD-50012

## Odessa 2 Medium Floodlight



### 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 decrease 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**  
B2- U0 - G0

**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.

### MicroPRIM Finishes

MicroPRIM is Ligman's trade marked decorative powder coating technology that permanently infuses colors, patterns, or imagery directly into the surface of luminaires and poles while providing protections that standard powder coating does not offer.

MicroPRIM finishes include nature-inspired wood grains and stone aesthetics, material-inspired finishes such as brushed metal, concrete, and carbon fiber, Solid colors in Ligman standard colors, as well as any RAL or Pantone color, Decorative patterns, custom imagery and more.

### Coating and Infusion Process

Metal components are pre-treated and powder coated with a proprietary polyurethane-based coating engineered for outdoor architectural use. Decorative patterns or imagery are then permanently infused into the cured powder coat through a heat-based process, creating a durable, integrated finish.

### Performance and Validation

MicroPRIM finishes are suitable for indoor and outdoor applications and meet AAMA2605 architectural coating requirements. Performance is validated through laboratory and real-world testing to ASTM standards for UV exposure, adhesion, abrasion, impact, salt spray, chemical resistance, and graffiti resistance.

All MicroPRIM finishes are backed by Ligman's 10-year warranty.

### Key Performance Attributes

- Anti-graffiti resistance
- UV and weather resistance
- Scratch and abrasion resistance
- Natatorium Rated for installation in corrosive environments

### 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.

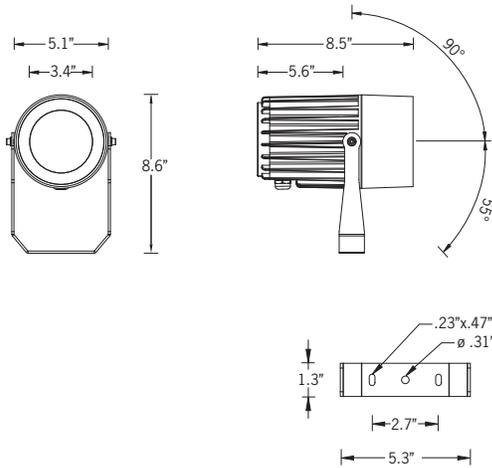
### Optics & LED

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)

27w LED 2,005 Lumens  
IP66 - Suitable For Wet Locations  
IK08 - Impact Resistant (Vandal Resistant)  
Weight 5 lbs



Mounting Detail



**Stylish adjustable projector range. Naturally beautiful and unique contemporary family, Odessa packs a punch with an abundance of options and accessories.**

The **Odessa family of floodlights** features a modern, streamlined aesthetic and provides an ideal lighting solution for small to medium scale spotlighting and floodlighting applications. These luminaires can be precisely aimed and securely locked in position to highlight architectural elements, landscape features, or to enhance safety and visibility in darker areas such as campuses and parks.

This range of high performance floodlights delivers a robust and durable design suitable for demanding environments, including recreational facilities, public spaces, and architectural projects. The luminaire incorporates integrated heat sinks to optimize LED thermal management and includes an integral driver for ease of installation.

Odessa is available in **Narrow, Medium, Wide, and Very Wide** light distributions, with color temperature options of **2700K, 3000K, 3500K, and 4000K**. A variety of optional accessories can be specified, including ground spikes, visors, louvers, and linear spread lenses.

For non standard fixture variations or specific reflector requirements, please contact the factory. Three mounting options are available: **yoke mount, pedestal mount, and a 1/2" threaded knuckle system**, which includes a fully rotatable head with a locking screw for precise after installation aiming.

### Additional Options (Consult Factory For Pricing)



A80131  
Anti Glare Visor



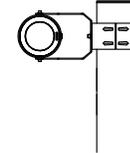
A80114  
Linear Spread



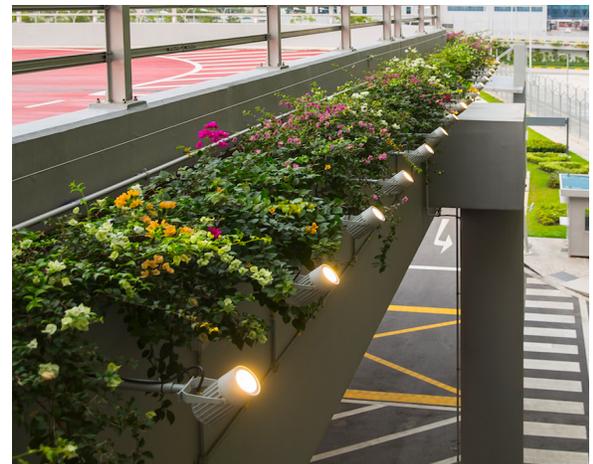
S20LGS  
Large Ground  
Spike 20"



A80231  
Anti Glare Louvre



PC "X"  
Pole Clamp  
4" - 4.5" - 5" - 5.5"



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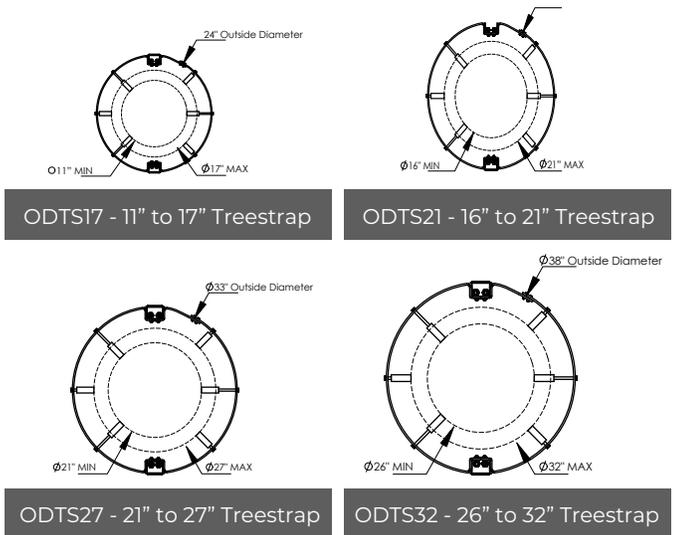
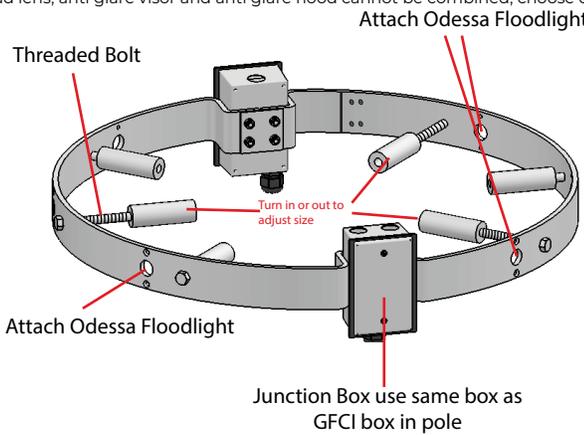
PROJECT					DATE	
QUANTITY		TYPE		NOTE		

ORDERING EXAMPLE || UOD-50012 - 27w - VN - W30 - 03 - 120/277v

UOD-50012					
<b>LAMP</b>	<b>BEAM</b>	<b>LED COLOR</b>	<b>FINISH COLOR</b>	<b>VOLTAGE</b>	
27w LED 2,005 Lumens  <b>WATT-ADJUST</b> (Factory programmed to specific wattage)	VN - Very Narrow 8° 	W27 - 2700K W30 - 3000K W35 - 3500K W40 - 4000K AMB - <b>TURTLE FRIENDLY</b> Amber LED	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	

### ADDITIONAL OPTIONS

- DIM - 0-10v Dimming
  - NAT - Natatorium Rated
  - A80131 - Anti Glare Visor
  - A80114 - Linear Spread Lens
  - A80231 - Anti Glare Louvre
  - S20LGS - 20" Large Ground Spike
  - PC(X) - Pole Clamp (Specify Diameter)
  - ODTS17 - 11" to 17" DIA
  - ODTS21 - 16" to 21" DIA
  - ODTS27 - 21" to 27" DIA
  - ODTS32 - 26" to 32" DIA
- \* Linear spread lens, anti glare visor and anti glare hood cannot be combined, choose one



### More Custom Finishes Available Upon Request

Consult factory for pricing and lead times

- |                             |                              |   |
|-----------------------------|------------------------------|---|
| <b>MicroPRIM FINISHES</b>   | <b>MicroPRIM FINISHES</b>    | <b>MicroPRIM FINISHES</b>                               |
| SW01 - OAK FINISH           | MP - MAPLE FINISH            | MP01 - MicroPRIM RAL 9011 Black (Glossy)                |
| SW02 - WALNUT FINISH        | MHG - MAHOGANY FINISH        | MP02 - MicroPRIM RAL 7043 Dark Grey (Glossy)            |
| SW03 - PINE FINISH          | BH - BEECH FINISH            | MP03 - MicroPRIM RAL 9003 White (Glossy)                |
| DF - DOUGLAS FIR FINISH     | CN - CHESTNUT FINISH         | MP04 - MicroPRIM RAL 9006 Metallic Silver (Glossy)      |
| CW - CHERRY WOOD FINISH     | WMBL - WHITE MARBLE FINISH   | MP05 - MicroPRIM RAL 9006 Matte Silver (Matte/Textured) |
| NW - NATIONAL WALNUT FINISH | MBL - MARBLE FINISH          | MP06 - MicroPRIM Ligman Bronze (Glossy)                 |
| SU01 - CONCRETE FINISH      | GRNT - GRANITE FINISH        | MP07 - MicroPRIM Custom Color (Glossy)                  |
| SU02 - SOFTSCAPE FINISH     | BGD - BRUSHED GOLD FINISH    |   |
| SU03 - STONE FINISH         | BBRZ - BRUSHED BRONZE FINISH |   |
| SU04 - CORTEN FINISH        | CAMO - CAMOUFLAGE FINISH     |   |
| CSM - Custom Image/Pattern  |                              |   |

