

# UOD-80012

## Odessa 2 Medium Ceiling Downlight



### Construction

#### Aluminum Casting

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

B2 - U1 - 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.

#### 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)

**Surface ceiling-mounted decorative exterior downlights. Naturally beautiful and unique contemporary family, Odessa packs a punch with an abundance of options and accessories.**

The Odessa family of floodlights have a modern aesthetic design and are a perfect lighting solution for most small to medium size cylinder requirements where a robust, totally waterproof product is required.

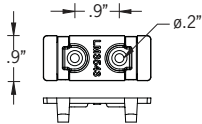
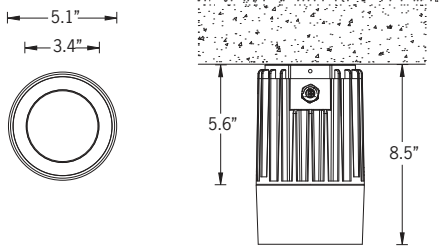
This small and medium range of high performance LED cylinders provides a robust design for demanding applications such as recreational areas, public spaces and architectural structures.

The luminaire has integrated heat sinks to facilitate LED cooling, as well as an integral driver. The Odessa is available in Very Narrow, Narrow, Medium, Wide and Very Wide light distributions. Color temperature 2700K, 3000K, 3500K and 4000K.

Luminaire has optional accessories, such as visors, louvres, colored dichroic filters and linear spread lenses. For non standard fixture variations, as well as specific reflector requirements and dichroic filters, please contact the factory. For very narrow 8° beam, see UOD-80002

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

27w COB 2005 Lumens  
IP66 • Suitable For Wet Locations  
IK07 • Impact Resistant (Vandal Resistant)  
Weight 5 lbs



Mounting Detail

### Additional Options (Consult Factory For Pricing)



A80131  
Anti Glare Visor



A80114  
Linear Spread



A80231  
Anti Glare Louvre



# UOD-80012

Odessa 2 Medium Ceiling Downlight

<b>PROJECT</b>				<b>DATE</b>	
<b>QUANTITY</b>		<b>TYPE</b>		<b>NOTE</b>	

ORDERING EXAMPLE || UOD-80012 - 27w - VN - W30 - 03 - 120/277v

<b>UOD-80012</b>					
<b>LAMP</b>	<b>BEAM</b>	<b>LED COLOR</b>	<b>FINISH COLOR</b>	<b>VOLTAGE</b>	
27w COB 2005 Lumens	VN - Very Narrow 8°	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         | <b>DICHROIC COLOR FILTERS</b> |
| NAT - Natatorium Rated      | RD - Red Lens                 |
| A80131 - Anti Glare Visor   | BL - Blue Lens                |
| A80114 - Linear Spread Lens | AM - Amber Lens               |
| A80231 - Anti Glare Louvre  | GR - Green Lens               |

\* Anti Glare Visor, Anti Glare Louvre and Linear Spread Lens can't be combined, choose only one.



# Odessa Product Family



Odessa 1

- UOD-80001-21w-1688lm
- UOD-80002-11w-816lm



Odessa 2

- UOD-80011-36w-3458lm
- UOD-80012-27w-2005lm



Odessa 1

- UOD-50001-21w-1688lm
- UOD-50002-11w-816lm



Odessa 2

- UOD-50011-36w-3458lm
- UOD-50011-40w-3695lm
- UOD-50011-43w-4042lm
- UOD-50012-27w-2005lm



Odessa 2-G

- UOD-50021-45w-1184lm



Odessa 1

- UOD-50051-21w-1688lm
- UOD-50052-11w-816lm



Odessa 2

- UOD-50061-36w-3458lm
- UOD-50061-40w-3695lm
- UOD-50061-43w-4042lm
- UOD-50062-27w-2005lm



Odessa 2-G

- UOD-50031-45w-1184lm



Odessa 1

- UOD-50071-21w-1688lm
- UOD-50072-11w-816lm



Odessa 2

- UOD-50081-36w-3458lm
- UOD-50081-40w-3695lm
- UOD-50081-43w-4042lm
- UOD-50082-27w-2005lm



Odessa 2-G

- UOD-50041-45w-1184lm



Odessa 1

- UOD-30001-3x21w-3x1673lm
- UOD-30002-3x11w-3x816lm



Odessa 2

- UOD-30011-3x36w-3x3326lm
- UOD-30011-3x40w-3x3695lm
- UOD-30011-3x43w-3x4042lm
- UOD-30012-3x27w-3x2005lm



Odessa 1

- UOD-21001-3x21w-3x1673lm
- UOD-21002-6x21w-6x1673lm
- UOD-21003-3x11w-3x816lm
- UOD-21004-6x11w-6x816lm



Odessa 2

- UOD-21011-3x36w-3x3326lm
- UOD-21011-3x40w-3x3695lm
- UOD-21011-3x43w-3x4042lm
- UOD-21012-6x36w-6x3326lm
- UOD-21012-6x40w-6x3695lm
- UOD-21012-6x43w-6x4042lm
- UOD-21013-3x27w-3x2005lm
- UOD-21014-6x27w-6x2005lm



Odessa 2

- UOD-21021-4x36w-3x3326lm [13']
- UOD-21023-4x36w-3x3326lm [20']
- UOD-21025-4x36w-3x3326lm [26']
- UOD-21026-4x28w-3x2005lm [13']
- UOD-21027-4x28w-3x2005lm [20']
- UOD-21028-4x28w-3x2005lm [26']



Odessa 2

- UOD-21031-4x36w-3x3326lm [15']
- UOD-21033-4x36w-3x3326lm [22']
- UOD-21035-4x36w-3x3326lm [28']
- UOD-21036-4x28w-3x2005lm [13']
- UOD-21037-4x28w-3x2005lm [20']
- UOD-21038-4x28w-3x2005lm [26']