

UOD-21031

Odessa 2 Medium Floodlight Spike Column

LIGMAN
NORTH AMERICA



4x36w COB
4x3326 Lumens

4x40w COB
4x3695 Lumens

4x43w COB
4x4042 Lumens

IP66
Suitable for wet locations

IK07
Impact Resistant [Vandal Resistant]

Weight 127.4 lbs

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.

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

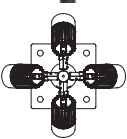
Provided with tempered, impact resistant crystal clear low iron glass ensuring no green glass tinge.

Optics & LED

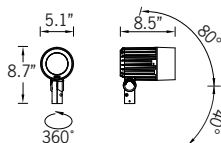
Precise optic design provides exceptional light control and precise distribution of light. LED CRI > 80

Lumen - Maintenance Life

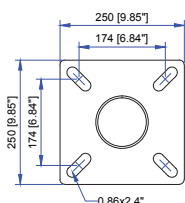
L80 /B10 at 50,000 hours (This means that at least 90% of the LED still achieve 80% of their original flux)



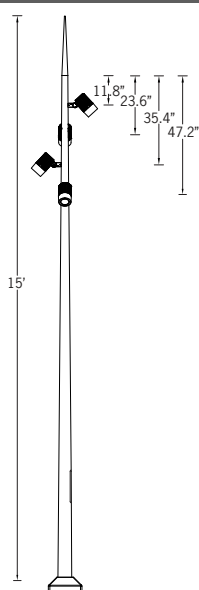
Top View



Floodlight Detail



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 have a modern aesthetic design and are available as a surface mounted floodlight cluster with adjustable pole clamp settings. Each individual floodlight can be specified with different beam distributions, as well as wattages if necessary to provide the perfect lighting solution for any environment.

The floodlights can be aimed in different directions to highlight specific features or elements in the environment, as well as provide security when illuminating dark areas on campuses and parks. This small and medium range of high performance LED floodlight luminaires 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 Narrow, Medium, Wide and Very Wide light distributions. Color temperature 2700K, 3000K and 4000K. Luminaire has optional accessories, such as visors, louvers and linear spread lenses.

The Odessa Cluster is highly flexible and lends itself to custom configurations.

For non standard fixture variations, as well as specific reflector requirements and dichroic filters, please contact the factory.

- The Odessa floodlight is available as an event pole attachment see Odessa Cluster.
- The fixture quantity, type and configuration is flexible, please contact factory for more options.

Additional Options (Consult Factory For Pricing)



A80131
Anti Glare Visor



A80231
Anti Glare Louver



A80114
Linear Spread



A20491
Root Mount Kit



PROJECT					DATE	
QUANTITY		TYPE		NOTE		

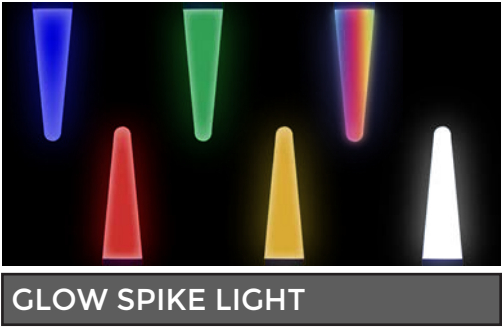
ORDERING EXAMPLE || UOD-21031 - 4x36w - N - W30 - 03 - 120/277v

UOD-21031					
	LAMP	BEAM	LED COLOR	FINISH COLOR	VOLTAGE
	4x36w COB 4x3326 Lumens	N - Narrow 18° M - Medium 27° W - Wide 47°	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
	4x40w COB 4x3695 Lumens	VW - Very Wide 70°			
	4x43w COB 4x4042 Lumens				

ADDITIONAL OPTIONS

DIM - 0-10v Dimming	A80114 - Linear Spread Lens	A21381-BL - Blue Spike Light	A21381-W30 - W30 White Spike Light
NAT - Natatorium Rated	A80231 - Anti Glare Louvre	A21381-RD - Red Spike Light	A21381-W40 - W40 White Spike Light
A80131 - Anti Glare Visor	A20491 - Root Mount Kit	A21381-CR - Green Spike Light	A21481 - RGBW Spike Light
CSA - CSA Approved for Canada -MUST SPECIFY-		A21381-AM - Amber Spike Light	

* Anti Glare Visor, Anti Glare Louvre and Linear Spread Lens can't be combined, choose 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 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 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 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°]



Odessa 11

- UOD-50131-70w-8038lm
- UOD-50132-55w-6310lm
- UOD-50133-55w-6890lm
- UOD-50134-50w-5433lm



Odessa 12

- UOD-50141-60w-5000lm
- UOD-50142-33w RGBW-1432lm
- UOD-50143-44w RGBW-1909lm



Odessa 13

- UOD-50151-70w-8038lm
- UOD-50152-55w-6310lm
- UOD-50153-55w-6890lm
- UOD-50154-50w-5433lm



Odessa 14

- UOD-50161-60w-5000lm
- UOD-50162-33w RGBW-1432lm
- UOD-50163-44w-3665lm
- UOD-50164-44w RGBW-1910lm



Odessa 15

- UOD-50171-70w-8038lm
- UOD-50172-55w-6310lm
- UOD-50173-60w-6890lm
- UOD-50174-50w-5433lm



Odessa 16

- UOD-50181-70w-5000lm
- UOD-50182-55w RGBW-1432lm
- UOD-50183-60w-3665lm
- UOD-50184-50w RGBW-1910lm



Odessa 17

- UOD-80021-70w-8038lm
- UOD-80022-55w-6310lm
- UOD-80023-60w-6890lm
- UOD-80024-50w-5433lm



Odessa 18

- UOD-80031-60w-5000lm
- UOD-80032-33w RGBW-1432lm
- UOD-80033-44w-3665lm
- UOD-80034-44w RGBW-1910lm



Odessa 19

- UOD-21041-3x70w-3x8038lm
- UOD-21042-6x70w-6x8038lm
- UOD-21043-3x55w-3x6310lm
- UOD-21044-6x55w-6x6310lm
- UOD-21045-3x60w-3x6890lm
- UOD-21046-6x60w-6x6890lm
- UOD-21047-3x50w-3x5433lm
- UOD-21048-6x50w-6x5433lm



Odessa 20

- UOD-21051-3x60w-3x5000lm
- UOD-21052-6x60w-6x5000lm
- UOD-21053-3x33w RGBW-3x1432lm
- UOD-21054-6x33w RGBW-6x1432lm
- UOD-21055-3x44w-3x3665lm
- UOD-21056-6x44w-6x3665lm
- UOD-21057-3x44w RGBW-3x1910lm
- UOD-21058-6x44w RGBW-6x1910lm



- UOD-21061-4x70w-4x8038lm [13°]
- UOD-21062-4x70w-4x8038lm [20°]
- UOD-21063-4x70w-4x8038lm [26°]
- UOD-21064-4x55w-4x6310lm [13°]
- UOD-21065-4x55w-4x6310lm [20°]
- UOD-21066-4x55w-4x6310lm [26°]
- UOD-21071-4x60w-4x6890lm [13°]
- UOD-21072-4x60w-4x6890lm [20°]
- UOD-21073-4x60w-4x6890lm [26°]
- UOD-21077-4x44w-4x3665lm [13°]
- UOD-21078-4x44w-4x3665lm [20°]
- UOD-21079-4x44w-4x3665lm [26°]



Odessa 22

- UOD-21074-4x33w-8038lm [13°]
- UOD-21075-4x33w-6310lm [20°]
- UOD-21076-4x33w-6890lm [26°]
- UOD-21101-4x44w-5433lm [13°]
- UOD-21102-4x44w-5433lm [20°]
- UOD-21103-55w-5433lm [26°]



Odessa 23

- UOD-21081-4x70w-4x8038lm [13°]
- UOD-21082-4x70w-4x8038lm [20°]
- UOD-21083-4x70w-4x8038lm [26°]
- UOD-21084-4x55w-4x6310lm [13°]
- UOD-21085-4x55w-4x6310lm [20°]
- UOD-21086-4x55w-4x6310lm [26°]
- UOD-21091-4x60w-4x6890lm [13°]
- UOD-21092-4x60w-4x6890lm [20°]
- UOD-21093-4x60w-4x6890lm [26°]
- UOD-21097-4x44w-4x3665lm [13°]
- UOD-21098-4x44w-4x3665lm [20°]
- UOD-21099-4x44w-4x3665m [26°]



Odessa 24

- UOD-21094-4x33w RGBW-4x1432lm
- UOD-21095-4x33w RGBW-4x1432lm
- UOD-21096-4x33w RGBW-4x1432lm
- UOD-21111-4x44w RGBW-4x3665lm
- UOD-21112-4x44w RGBW-4x3665lm
- UOD-21113-4x44w RGBW-4x3665lm