UOD-21[ ] ← Last Digits Signify Wattage (See Below)

Odessa 22 Large Cluster Column

LIGMAN LIGHTING USA

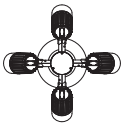
UOD-21074
4x33w RGBW
4x1432lm

UOD-21101
4x44w RGBW
4x1910lm

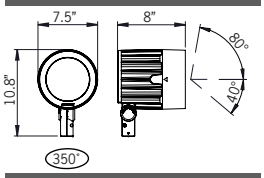
IP65
Suitable for wet locations

IK04
Impact Resistant [Vandal Resistant]

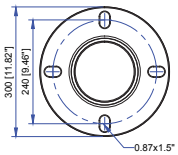
Weight 90 lbs



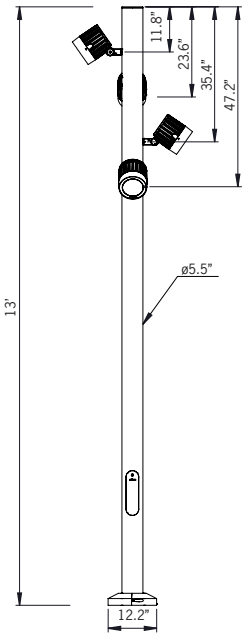
Top View



Floodlight Detail

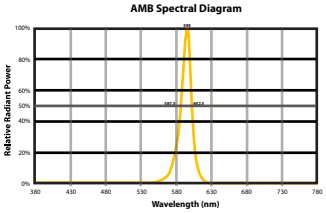


Mounting Detail



* Custom pole height can be manufactured to suit customer requirements

CITY OF FLAGSTAFF & TURTLE FRIENDLY COMPLIANT



Narrow-Spectrum Amber LEDs
Peak wavelength between 585 & 595 nanometers and a full width of 50% power no greater than 15 nanometers.

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)

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, 3500K and 4000K. Luminaire has optional accessories, such as visors, louvres 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)

A54431
Anti Glare Visor

A51814
Linear Spread

A54531
Anti Glare Louvre

A54121
Honeycomb Louvre

UOD-50021
GOBO Projector

Ligman Lighting USA reserves the right to change specifications without prior notice, please contact factory for latest information.
Due to the continual improvements in LED technology data and components may change without notice.

UOD-21[ ] ← Last Digits Signify Wattage (See Below)

Odessa 22 Large Cluster Column

LIGMAN LIGHTING USA

PROJECT		DATE	
QUANTITY		TYPE		NOTE	

ORDERING EXAMPLE || UOD-21074 - 4x33w - N - RGBW30 - 03 - 120/277v

UOD-21XXX	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
	LAMP	BEAM	RGBW COLOR	FINISH COLOR	VOLTAGE	POLE HEIGHT

LAMP	BEAM	RGBW COLOR	FINISH COLOR	VOLTAGE	POLE HEIGHT
UOD-21074 4x33w RGBW 4x1432 Lumens	N - Narrow 21˚	RGBW30 - Warm White 3200K	01 - BLACK RAL 9011	120/277v	Specify if other than 13'
UOD-21101 4x44w RGBW 4x1910 Lumens	M - Medium 35˚	RGBW40 - Neutral White 4000K	02 - DARK GREY RAL 7043	Other - Specify	
	E - Elliptical 26˚ x 48˚	RGBW65 - Cool White 6850K	03 - WHITE RAL 9003		
			04 - METALLIC SILVER RAL 9006		
			05 - MATTE SILVER RAL 9006		
			06 - LIGMAN BRONZE		
			07 - CUSTOM RAL		

[ ] [ ] [ ] [ ]

ADDITIONAL OPTIONS

DIM - 0-10v Dimming
NAT - Natatorium Rated
A54431 - Anti Glare Visor
A51814 - Linear Spread Lens
A54531 - Anti Glare Louvre
A54121 - Honeycomb Louvre

[See below for GOBO ordering information]

A GOBO projector can be added to any cluster column. List of GOBO options can be found below. Beam selection to the right. Please consult factory for pricing.

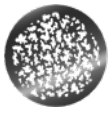
[ ] [ ] [ ] [ ]

BEAM	GOBO
N - Narrow 12˚	
M - Medium 18˚	
W - Wide 32˚	

Branches
Metal Gobo- E Size
A52821

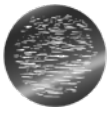
City
Metal Gobo- E Size
A53321

Clouds
Metal Gobo- E Size
A53021


Leaves
Metal Gobo- E Size
A52621

Moon
Metal Gobo- E Size
A53121

Tropical Leaves
Metal Gobo- E Size
A52721


Water
Metal Gobo- E Size
A52921

Window
Metal Gobo- E Size
A53221

Custom laser cut GOBOs and glass colored GOBOs also available. Consult factory for more information

Custom
Laser Cut Gobo
E Size

Custom- 1 Color
Glass Gobo- E Size

Custom- 2 Colors
Glass Gobo- E Size

Custom- 3 Colors
Glass Gobo- E Size

Custom- 4 Colors
Glass Gobo- E Size

Custom- Black & White
Glass Gobo- E Size

Custom - Gray Scale
Glass Gobo- E Size

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Intertek

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']

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

Odessa 21

- 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']
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- UOD-21072-4x60w-4x6890lm [20']
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- 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']
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- UOD-21091-4x60w-4x6890lm [13']
- UOD-21092-4x60w-4x6890lm [20']
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- 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