UMA-97102

Mar 11 Double Head Streetlight

microVOS TECHNOLOGY

LIGMAN LIGHTING USA

2x54w LED
2x6582 Lumens

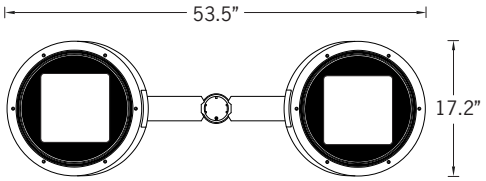
IP65
Suitable for wet locations

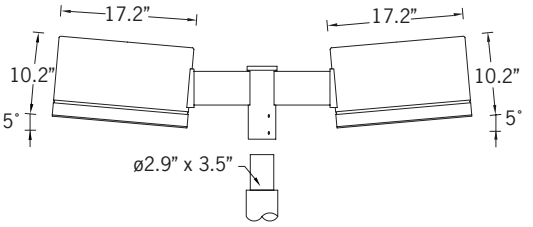
IK07
Impact Resistant [Vandal Resistant]

Weight 68 lbs

EPA - 1.5

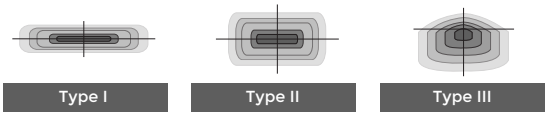
POLE NOT INCLUDED





microVOS TECHNOLOGY

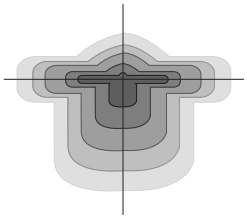
Ligman’s micro Variable Optical System provides the ability to interchange, mix & rotate optics to provide specific light distributions for optimized spacing and uniformity.



Type I | Type II | Type III

Type IV | Type V

The variable optic system allows for the designer to create hybrid distributions for precise lighting requirements.



HYBRID
TYPE I & TYPE IV

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
B3 - U1 - G1

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)

Circular column-mounted area downlight. Quintessential wolf in sheep’s clothing; street lighting performance hidden inside urban lighting form.

A small size pole mount area light. The LEDs have features such as long life, limited maintenance and constant lifetime performance. The high ingress protection allows these luminaires to be mounted for downward lighting. Asymmetrical type II, III, IV and symmetrical lens optics suitable for most kind of applications and dark sky concerns. Designed for lighting private roadways, car parks, exhibition areas, service stations, truck stops and sports grounds.

Color temperature 2700K, 3000K, 3500K and 4000K, LED CRI >80 and life time 50,000 Hours. High pressure die-cast marine grade LM6 aluminum body that is pre-treated with a nickel and zinc phosphate and then powder coated with a 4.9mil thick paint finish ensuring high corrosion resistance.

Marine grade 316 stainless steel fasteners. Durable memory retentive silicone rubber gasket and clear high impact tempered glass lens. This luminaire is provided prewired with power cord to the handhole to simplify installation. Lenses can be frosted to suit customer specifications. The Mar is available with either a 5˚ tilt or straight head mount.

To meet International Dark Sky criteria, 3000k or warmer LEDs must be selected and luminaire fix mounted (+/- 15˚ allowable to permit leveling).

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.

UMA-97102

Mar 11 Double Head Streetlight

microVOS TECHNOLOGY

LIGMAN LIGHTING USA

PROJECT		DATE	
QUANTITY		TYPE		NOTE	
---	---	---	---	---	---

ORDERING EXAMPLE || UMA - 97102 - 2x54w - T2 - W30 - 02 - 120/277v - Options

UMA-97102					
	LAMP	BEAM	LED COLOR	FINISH COLOR	VOLTAGE
	2x54w LED 2x6582 Lumens	T1 - Type I Distribution T2 - Type II Distribution T3 - Type III Distribution T4 - Type IV Distribution M - Medium 30˚ W - Wide 52˚ VW - Very Wide 64˚ EW - Extra Wide 108˚	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

ADDITIONAL OPTIONS

DIM - 0-10v Dimming
NAT - Natatorium Rated
F - Frosted Lens
HSS - House Side Shield
ST - Straight Head
AMB - Turtle Friendly Amber LED

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.

Intertek

Mar Product Family

Mar 9

- UMA-31621-38w-4917lm
- UMA-31622-54w-6666lm

Mar 10

- UMA-97091-38w-4917lm
- UMA-97092-54w-6666lm

Mar 11

- UMA-97101-2x38w-2x4917lm
- UMA-97102-2x54w-2x6666lm