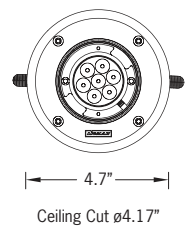
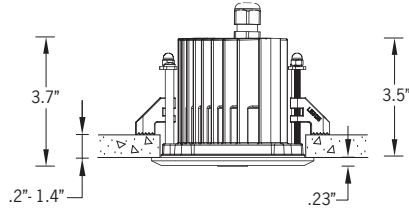




13w LED 1045 Lumens | 11w LED 753 Lumens
 IP65 • Suitable For Wet Locations
 IK08 • Impact Resistant (Vandal Resistant)
 Weight 1.1 lbs (A) 1.5 lbs (S)



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

B1 - 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.

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)

Ceiling-recessed exterior downlights.

Modern, clean and powerful downlighting family providing the best resilient under-canopy solutions in the marketplace.

A compact recessed exterior downlight with a round or square front frame design. Options of stainless steel or powder coated aluminum front frame. The luminaires are designed for use in interior and exterior applications. This fixture is totally waterproof. This means that the fixture can be exposed to the elements from above as well as below.

This luminaire is manufactured with integrated heat sinks that provides exceptional cooling and heat dissipation ensuring long LED life.

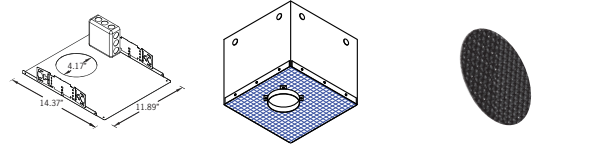
This fixture can also be provided with a concrete pour box for casting into concrete slabs, please see options below.

Power is provided to the luminaire through a single PG9 watertight cable gland and 4ft of Outdoor Submersible #18/3 SOOW 600V power cable. Remote mounted transformer. Includes A80191 driver enclosure box.

All Ligman fixtures can be manufactured using a special pre-treatment and coating process that ensures the fixture can be installed in natatoriums as well as environments with high concentrations of chlorine or salt and still maintain the 5 year warranty. For this natatorium rated process please specify NAT in options. Not suitable for saunas and steamrooms.

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

Additional Options (Consult Factory For Pricing)



RT Rough in Tray CPB Concrete Pour Box HCL Honeycomb Louvre



UNI-80501

Nikon 1

PROJECT				DATE	
QUANTITY		TYPE		NOTE	

ORDERING EXAMPLE || UNI-80501 - 13w - A - N - W30 - 03 - 120/277v

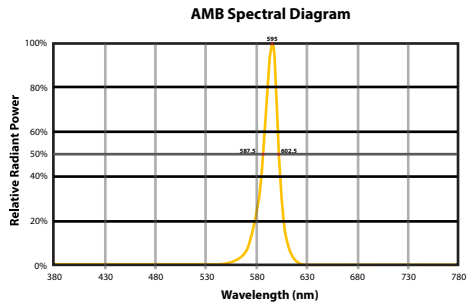
UNI-80501	LAMP	FRAME	BEAM	LED COLOR	FINISH COLOR	VOLTAGE
	13w LED 1045lm	S - Stainless Steel A - Aluminum (CHOOSE FINISH COLOR)	13w BEAM ONLY N - Narrow 18° M - Medium 28° W - Wide 39°	W27 - 2700K W30 - 3000K W35 - 3500K W40 - 4000K	01 - BLACK RAL 9011 02 - DARK GREY RAL 7043 03 - WHITE RAL 9003 04 - METALLIC SILVER RAL 9006 05 - MATTE SILVER RAL 9006 06 - LIGMAN BRONZE 07 - CUSTOM RAL	120/277v Other - Specify
	11w LED 753lm		11w BEAM ONLY VN - Very Narrow 8°			

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ADDITIONAL OPTIONS

- DIM - 0-10v Dimming
- NAT - Natatorium Rated
- F - Frosted Lens
- EMR - Remote Inverter
- A80191 - Remote Driver Box
- RT - Rough in Ceiling Tray
- CPB - Concrete Pour Box
- SSC - Stainless Steel Glands
- HCL - Honeycomb Louvre
- AMB - Turtle Friendly Amber LED

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.



Nikon Product Family



Nikon 1

- UNI-80501-13w-1045lm
- UNI-80501-11w-753lm



Nikon 2

- UNI-80511-13w-1045lm
- UNI-80511-11w-753lm



Nikon 3

- UNI-80521-29w-3144lm
- UNI-80523-39w-4303lm
- UNI-80523-33w-3320lm



Nikon 4

- UNI-80531-29w-3144lm
- UNI-80533-39w-4303lm
- UNI-80533-33w-3320lm