

UNI-80521

Nikon 3 Round 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 - 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.

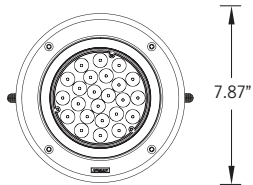
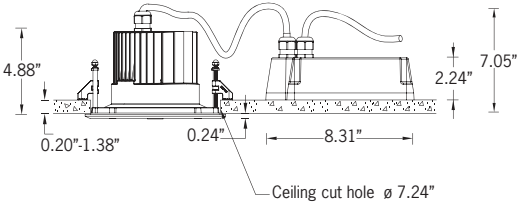
This luminaire is manufactured with integrated heat sinks that provides exceptional cooling and heat dissipation ensuring long LED life.

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.

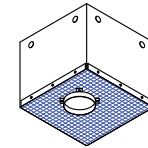
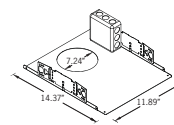
All Ligman fixtures can be manufactured using a special pre-treatment and coating process that ensures the fixture can be installed in natatoriums as well as environments with high concentrations of chlorine or salt and still maintain the 5 year warranty. For this natatorium rated process please specify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

29w LED 3114 Lumens | 33w LED 3320 Lumens
IP65 • Suitable For Wet Locations
IK08 • Impact Resistant (Vandal Resistant)
Weight 5 lbs (A) 5.7 lbs (S)



Ceiling Cut ø7.24"

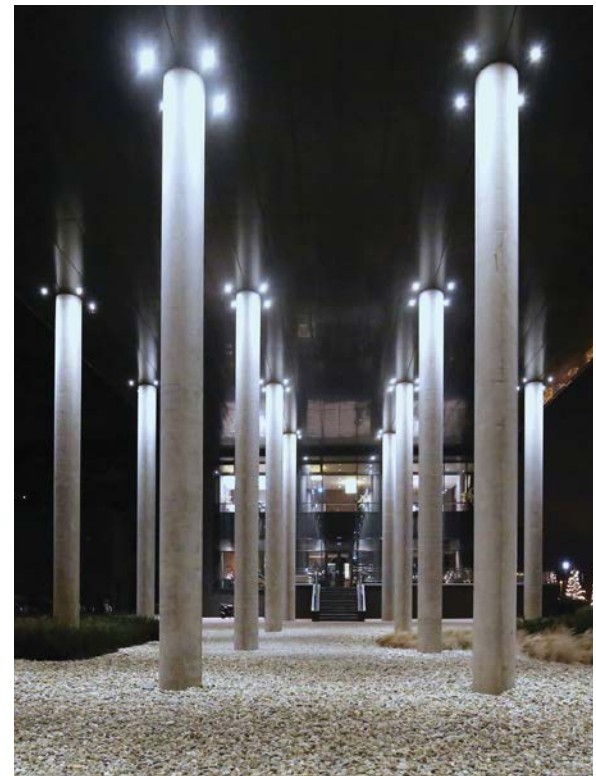
Additional Options (Consult Factory For Pricing)



RT
Rough in Tray

CPB
Concrete Pour Box

HCL
Honeycomb Louvre



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PROJECT		DATE	
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QUANTITY		TYPE		NOTE	
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ORDERING EXAMPLE || UNI-80521 - 29w - A - N - W30 - 03 - 120/277v

UNI-80521	LAMP	FRAME	BEAM	LED COLOR	FINISH COLOR	VOLTAGE
	29w LED 3144lm	S - Stainless Steel A - Aluminum (CHOOSE FINISH COLOR)	29w BEAM ONLY N - Narrow 15° M - Medium 27° W - Wide 44°	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
	33w LED 3320lm		33w BEAM ONLY VN - Very Narrow 8°			

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ADDITIONAL OPTIONS

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



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