

i2Systems™

Simply
Advanced.™

★★★★★
MADE IN THE
USA



PERFECT
HALOGEN
REPLACEMENT
SIMPLE
TO INSTALL

SCREW MOUNT
Removable Bezel
Low Mounting Depth
Available in Colors



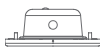
Apeiron™ A3100/A3101

DIMMABLE MARINE-GRADE LED DOWNLIGHT

Since its introduction nearly a decade ago, Apeiron is the undisputed go-to marine LED down light. Apeiron fixtures offer the perfect blend of technical sophistication and elegance. The unique screw mount provides a removable bezel, as well as a reduced mounting depth for tighter mounting areas.



3.50"
Round



1.07" Deep

FEATURES

Advanced Optics

Even light, with no LED "dots" or pixilation, provides the halogen look without the heat and 1/5th the power load.

Dimmable

Using our LightLink™ Dimmers, experience simple LED dimming at the push of a button.

Rugged & Waterproof

With stainless steel construction and a PVD Titanium-Coated or Mil-Spec Powder-Coated stainless steel trim bezel, expect industry-leading fit and finish that will last. IP67 waterproof rated*.

Simple to Install

Convenient screw-mount installation with removable bezel for maximum flexibility.

*IP67 rated. Not for use in submersible applications.



Typical Applications

- General Lighting
- Soffit
- Pilot House
- Mezzanine
- Hardtop

Quick Specs

2.5W	Power / White LED
1.5W	Power / Color LED
78	Lumen Output Typ.
120°	Beam Angle

LED Color

- 3000°K Warm White
- 6500°K Cool White
- Green
- Blue
- Cyan
- Red

Finish Color

- Polished Chrome (PVD TITANIUM)
- Polished Gold (PVD TITANIUM)
- Brushed Nickel (PVD TITANIUM)
- White (MIL-SPEC POWDER COATED)
- Off-White (MIL-SPEC POWDER COATED)

The Apeiron is an IP67 recessed marine-grade LED downlight. With its patented, stainless steel trim bezel, and the option for either titanium-coated PVD or mil-spec powder-coated finish, expect a premium finish that will withstand the elements of time.

CUSTOMER COMPANY

CUSTOMER CONTACT

P.O.#

CUSTOMER PHONE #

SHIPPING ADDRESS

US 7,748,887
Additional Patents Pending

FIXTURE BUILDER



FIXTURE TYPE

A3100Z Color LED
A3101Z White LED



FINISH

PVD Titanium Coated
1 Polished Chrome
2 Polished Gold
4 Brushed Nickel
Powder Coated
3 White
5 Off-White

BEZEL SHAPE

1 Round

LED COLOR

A08N Cool White 6500°K
CAB Warm White 3000°K
D Green
E Blue
G Cyan
H Red

ACCESSORIES

DIMMING CONTROL

GASKET

LIGHTLINK		PN	TYPE
<input type="checkbox"/>	LL-101 Momentary Switch Dimmer	<input type="checkbox"/>	7120132 White Closed Cell Foam
<input type="checkbox"/>	LL-105-R 0-10V Bridge & Dimmer		

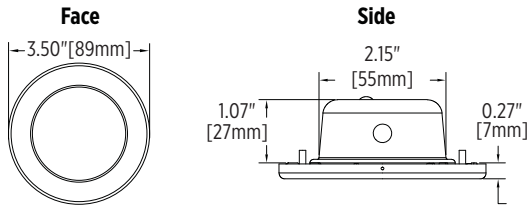
LightLink Dimmers dim up to 20 Apeirons using a single control wire for dimming.

See below for additional dimming information and wiring diagrams.

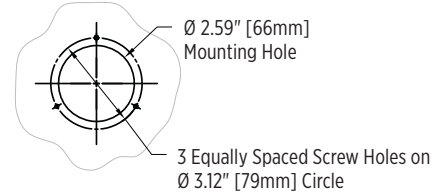
QUICK SPECS

Input Voltage	9-30V DC
Input Power	2.5 Watts White LED / 1.5 Watts Color LED
Lumens	78 lms typ. @ 3000°K
Efficiency	34 lms / W typ. @ 3000°K
Beam Angle	90°
Operating Temp	-20°C to 40°C
Max. Case Temp	50°C
IP Rating	IP67
Wiring	18" Twisted 18 AWG
Housing	Stainless Steel
Lens	Tempered Glass w/ Diffuser

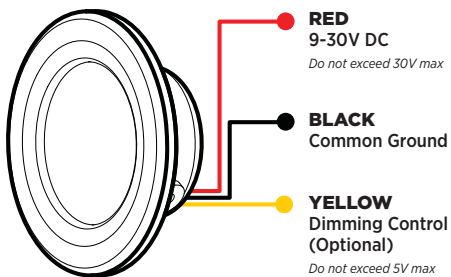
DIMENSIONS



MOUNTING



WIRE FUNCTION



LIGHTLINK™ See wiring examples below.

PROTECTION FEATURES

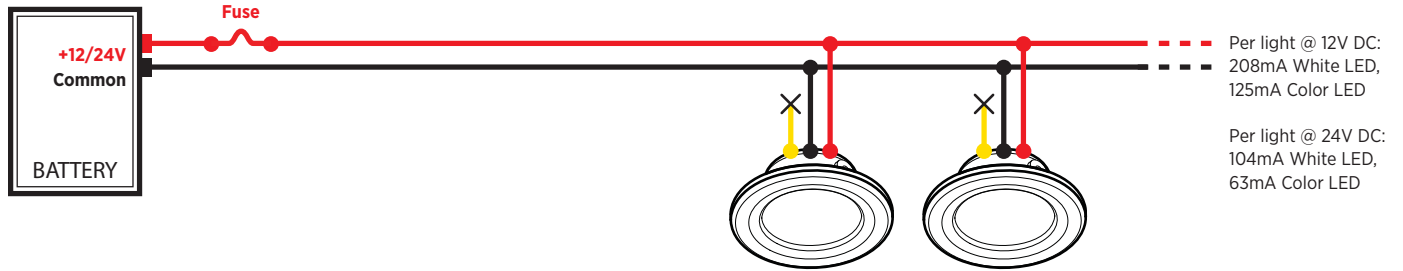


Electrical Protection

- Transient Protection
- Reverse Polarity Protection

WIRING EXAMPLE

12/24V DC NO DIMMING



WIRING EXAMPLE

12/24V DC PUSH BUTTON SWITCH DIMMING

