

i2Systems™

Simply
Advanced.™

★★★★★
MADE IN THE
USA



**RANGE OF BEZEL
OPTIONS**

Round, Square,
Square / Square
Spring Mount
Installation

**3 COLORS,
1 FIXTURE**
Simple 2
wire hookup



Apeiron™ Tri-Light

3-COLOR MARINE-GRADE LED DOWNLIGHT

The Apeiron Tri-Light offers a big lighting effect with minimal effort. With patented i2Wave™ Technology, do-it-yourself installation is a breeze. Easily replaces single color Arch, Hardtop and Cockpit lights. Great for retrofits.

FEATURES

3 Colors with Only 2 Wires

Patented and award-winning i2Wave™ technology, allows users to change between 3 colors of light by simply toggling the power to the fixture.

Rugged & Waterproof

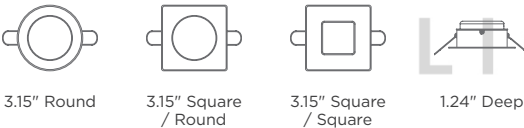
With stainless steel construction and a PVD Titanium-Coated or Mil-Spec Powder-Coated stainless steel trim bezel, expect industry-leading fit and finish that will last. IP67 waterproof rated*.

Great for Retrofits

Small in size and simple to install, fixture mounts to most any marine surface - inside and out.

Simple to Install

Convenient spring clip design makes installation fast and easy.



*IP67 rated. Not for use in submersible applications.



Typical Applications

- Hardtop
- Arch
- Cockpit
- Courtesy
- Pilot House

Quick Specs

1.5W Power
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)

Apeiron™ Tri-Light

MODEL A1120 | 3-COLOR MARINE-GRADE LED DOWNLIGHT

The Apeiron Tri-Light is an IP67 recessed marine-grade LED downlight. With i2Systems patented and award winning i2Wave™ technology, users are able to change between 3 colors of light by simply toggling the power to the fixture. With stainless steel construction 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.

US 8,013,538 | US 8,436,553
Additional Patents Pending

CUSTOMER COMPANY	CUSTOMER CONTACT
P.O.#	CUSTOMER PHONE #
SHIPPING ADDRESS	

FIXTURE BUILDER

A1120Z -

Color 1 Color 2 Color 3

FIXTURE TYPE

Apeiron Tri-Light



FINISH

PVD Titanium Coated

- 1 Polished Chrome
- 2 Polished Gold
- 4 Brushed Nickel

Powder Coated

- 3 White
- 5 Off-White

BEZEL SHAPE

- 1 Round
- 2 Square / Round
- 4 Square / Square

LED COLOR (PICK 3*)

- A Cool White 6500°K
- C Warm White 3000°K
- D Green
- E Blue
- G Cyan
- H Red

*When specifying Tri-Light colors, the LED color order specified above is the order that the colors will cycle. Some color configurations may require a minimum order. Common stocked colors are:

Red; Cool White; Blue
Red; Cool White; Green
Red; Warm White; Blue
Red; Warm White; Green

ACCESSORIES

TOGGLE SWITCH

PN	SWITCHES
<input type="checkbox"/> MS24523-29	Sealed Toggle Switch
<input type="checkbox"/> 46000	Toggle Switch

Toggle switches are optional. For retrofits, provided you have a power on/off switch for your lights, no additional switches or equipment are required.

TRIM RING EXTENDERS

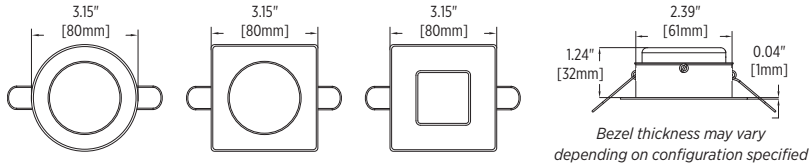
PN	FINISH
<input type="checkbox"/> 3120177-11	Chrome
<input type="checkbox"/> 3120177-21	Gold
<input type="checkbox"/> 3120177-31	White
<input type="checkbox"/> 3120177-41	Nickel
<input type="checkbox"/> 3120177-51	Off-White

Extends round bezel from 3.15" to 3.75" diameter.

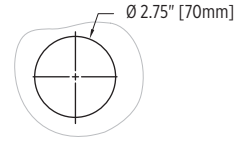
QUICK SPECS

Input Voltage	9-30V DC
Input Power	1.5 Watts
Beam Angle	120° Full Angle
Operating Temp	-20°C to 40°C
Max. Case Temp	50°C
IP Rating	IP67
Wiring	18" Twisted 18 AWG
Housing	Stainless Steel Trim, Anodized Aluminum Housing
Lens	Tempered Glass w/ Diffuser

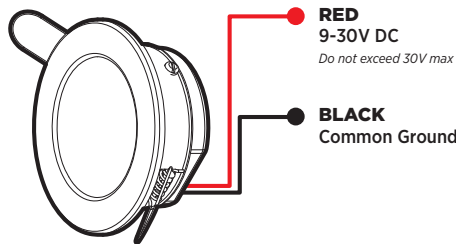
DIMENSIONS



MOUNTING



WIRE FUNCTION



Using Tri-Light Fixtures

To cycle through colors: using your on/off switch or a normally closed momentary switch, turn the fixture(s) off, then back on again quickly (i.e. less than 1 second). When the power returns, the fixture(s) will power on the next color.

Color order is: Color 1, Color 2, Color 3, Off, Color 1, Color 2, etc.

When using multiple fixtures, should the fixtures ever fail to synchronize, turn the fixtures off for a prolonged period (i.e. more than 3 seconds). When power returns, all fixtures will default back to their initial state.

Upon initial power on, fixtures default to the off-state.

PATENTED TECHNOLOGY

PROTECTION FEATURES



Electrical Protection

- Transient Protection
- Reverse Polarity Protection

WIRING EXAMPLE

12/24V DC WITH MOMENTARY SWITCH

