

i2Systems™

Simply
Advanced.™

★★★★★
MADE IN THE
USA



SCREW MOUNT
Removable Bezel

**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.

Great for Retrofits

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

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.

AWARD-WINNING TECHNOLOGY
i2Systems Tri-Color i2Wave™ Technology is an IBEX Innovation Award Winner.



3.50" Face



1.07" Deep



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)

i2Systems

Apeiron™ Tri-Light



MODEL A3120 | 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
US 7,748,887
Additional Patents Pending

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

FIXTURE BUILDER

A3120Z	-		1				OPTIONS
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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

LED COLOR (PICK 3*)

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

RETAIL PACKAGING

Products available in retail packaging are listed below.

*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.

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.

GASKET

PN	TYPE
<input type="checkbox"/> 7120132	White Closed Cell Foam

RETAIL PACKAGING

SHIPS FROM STOCK IN RETAIL BLISTER PACK

PART NUMBER	LED COLOR	FINISH
A3120Z-11HAE	Red, Cool White, Blue	Chrome
A3120Z-31HAE	Red, Cool White, Blue	White
A3120Z-11HCE	Red, Warm White, Blue	Chrome
A3120Z-31HCE	Red, Warm White, Blue	White
A3120Z-41HCE	Red, Warm White, Blue	Brushed Nickel
A3120Z-51HCE	Red, Warm White, Blue	Off-White

Product in Blister Pack includes quantity (1) 7120132 White Closed Cell Foam Gasket in each package.

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
Lens	Tempered Glass w/ Diffuser

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Simply Advanced.™

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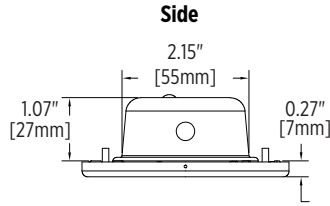
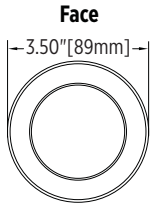
sales@i2Systems.com

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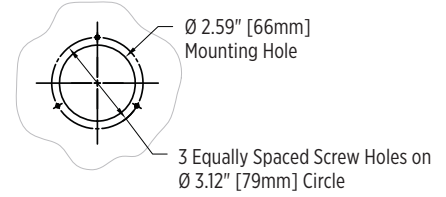
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Product is rated for exterior applications, however it is not rated for submersible applications and should not be mounted in conditions where there is, or is a possibility of, standing water. When installing in wet or damp locations, it is good practice to seal all fixtures and junction boxes with electronics grade RTV silicone sealant to ensure that moisture cannot enter or accumulate in wiring compartments, cables, or other electrical parts. Product should not be installed in extreme locations, including but not limited to those outside of its temperature/humidity ratings and/or applications where product is subject to high pressure water, water runoff or downspouts.

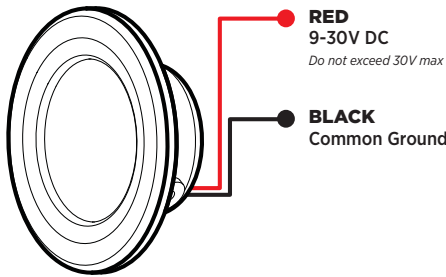
DIMENSIONS



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

