

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.



1.07" Deep

3 50" Round



Typical Applications

General Lighting

- Soffit
- Pilot House
- Mezzanine
- Hardtop

2.5W	Power / White LED
1.5W	Power / Color LED
78	Lumen Output Typ.

Quick Specs

120°

Beam Angle

Blue Cyan

Green

LED Color

Red

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.

IP 67 LIGHTLINK CE FC ANSI LM 79 USA **Finish Color** 3000°K Warm White Polished Chrome (PVD TITANIUM) Polished Gold (PVD TITANIUM) 6500°K Cool White Brushed Nickel (PVD TITANIUM) White (MIL-SPEC POWDER COATED)

Off-White (MIL-SPEC POWDER COATED)





i2Systems[®]

MODEL A3100/A3101 | MARINE-GRADE LED DOWNLIGHT

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

] – [1			
FIXTURE	ТҮРЕ	F	INISH	BE	ZEL SHAPE	LED C	COLOR	
A3100Z	Color LED	-	PVD Titanium Coated	1	Round		Cool White	6500°K
A3101Z	White LED	1	Polished Chrome Polished Gold			CAB D	Warm White Green	3000°K
\bigcirc		4	Brushed Nickel			E	Blue	
		1 3				G H	Cyan Red	
		5	Off-White					

Δ	cc	ESS	OR	IES	

DIMMING CONTROL		GASKET		
LIGHTLIN	¢	PN	ТҮРЕ	
LL-101	Momentary Switch Dimmer	7120132	White Closed Cell Foam	
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

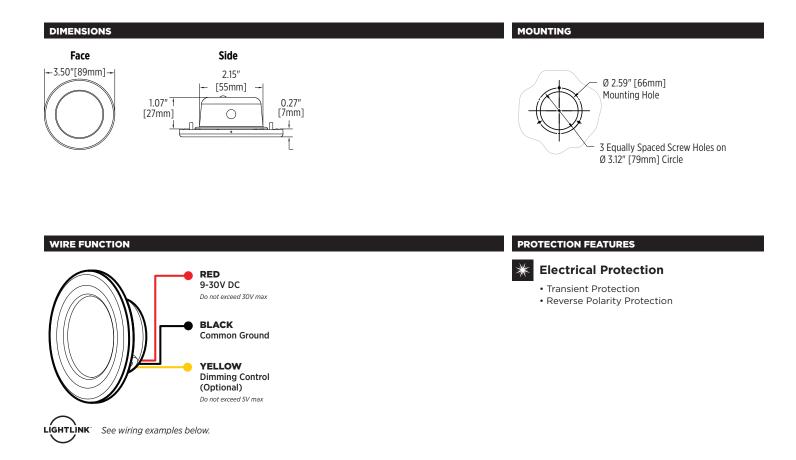
i2Systems⁻

355 Bantam Lake Rd. Morris, CT 06763 USA Advanced. www.i2Systems.com

JSA fax +1.860.567.2501 om sales@i2Systems.com

tel +1.860.567.0708

© 2014 Integrated Illumination Systems, Inc. All Rights Reserved. i2Systems, the i2Systems Logo and Apeiron are either registered trademarks or trademarks of i2Systems. Due to ongoing improvement and innovation, product details and specifications are subject to change without notice. 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 starning water. When installing in wet or dram locations, it is good practice to seal all futures and junction hows with electronics grade RIV silicone sealant to ensure that moisture cannot enter or accumulate in wiring compartments, calleds, or other electronic parts charact should not be installed in therem locations, incluing but not limited how custale of its temperature/humidity ratings and/or applications where product is subject to high pressure water, water runoff or downsports.



PAGE 2 OF 3

i2Systems

 Rd.
 tel +1.860.567.0708

 USA
 fax +1.860.567.2501

 com
 sales@i2Systems.com

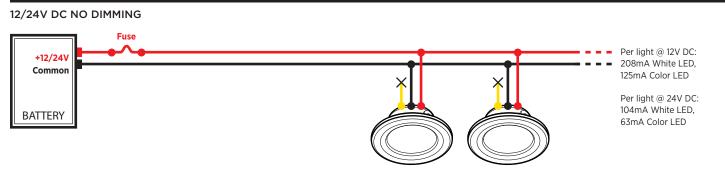
© 2014 Integrated Illumination Systems, Inc. All Rights Reserved. i2Systems, the i2Systems Logo and Apeiron are either registered trademarks or trademarks of i2Systems. Due to ongoing improvement and innovation, product details and specifications are subject to change without notice. Product is rated 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 starning water. When installing in wet or dram locations, it is good practice to seal all futures and junction hows with electronics grade RIV silicone sealant to ensure that moisture cannot enter or accumulate in wiring compartments, calleds, or other electronic parts charact should not be installed in therem locations, incluing but not limited how custale of its temperature/humidity ratings and/or applications where product is subject to high pressure water, water runoff or downsports.



For additional examples and dimming details, visit **www.i2Systems.com/marine-LED** to download our Dimming Guide.

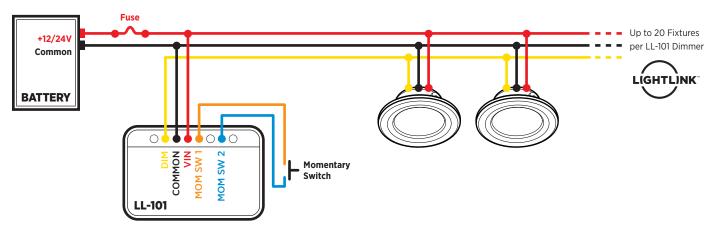
PAGE 3 OF 3

WIRING EXAMPLE



WIRING EXAMPLE

12/24V DC PUSH BUTTON SWITCH DIMMING





 Rd.
 tel +1.860.567.0708

 USA
 fax +1.860.567.2501

 om
 sales@i2Systems.com

© 2014 Integrated Illumination Systems, Inc. All Rights Reserved. i2Systems, the i2Systems Logo and Apeiron are either registered trademarks or trademarks of i2Systems. Due to ongoing improvement and innovation, product details and specifications are subject to change without notice. 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 starning water. When installing in wet or dram locations, it is good practice to seal all futures and junction hows with electronics grade RIV silicone sealant to ensure that moisture cannot enter or accumulate in wiring compartments, calleds, or other electronic parts charact should not be installed in therem locations, incluing but not limited how custale of its temperature/humidity ratings and/or applications where product is subject to high pressure water, water runoff or downsports.