

LED Surface Light, 9 LED Colors Available



# Profile P1100

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## PRODUCT HIGHLIGHTS

- 2 Watts
- 9-30V DC Input
- 0 to 100% Dimming
- 9 Vibrant Color Options
- 3" Diameter
- Stainless Steel Construction
- Exterior Rated

## TYPICAL APPLICATIONS

- General Lighting, Small Vessels
- Marine Hardtop / Helm
- Under Cabinet Lighting
- Industrial / Enclosure Lighting
- Food Service Lighting
- Furniture / Millwork Lighting

## SPECIFICATIONS

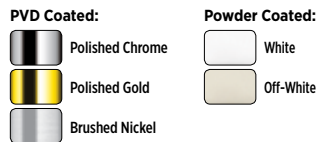
### SUITABLE ENVIRONMENTS



### LED COLORS

- |            |            |            |
|------------|------------|------------|
| Cool White | Blue       | Red        |
| Warm White | Royal Blue | Red-Orange |
| Green      | Cyan       | Amber      |

### BEZEL FINISHES



### BEZEL SHAPES



### BEAM ANGLES



### CERTIFICATIONS



## Features

### ■ ADVANCED OPTICAL SYSTEM

120° full angle. Even light, no LED "dots" or pixilation.

### ■ 0 TO 100% DIGITAL DIMMING

Connection with i2Systems LightLink Series allows simple and seamless integration to most of today's conventional dimming systems.

### ■ RUGGED DESIGN

Stainless steel construction, sealed design, and electronic regulation to the LED source ensure product longevity.

### ■ NO HEAT OR UV IN THE LIGHT BEAM

With no heat in the light beam, the fixture lens remains much cooler than halogen sources, allowing safe and 'burn free' operation. In addition, no UV means reduced risk of fading or deteriorating products or artifacts on display.

### ■ STAINLESS STEEL TRIM, WITH PVD

Removable trim ring with five finish options. Physical Vapor Deposition (PVD) coating provides a very durable surface finish which will not tarnish or discolor.

### ■ SURFACE MOUNTING

Simply mount the fixture with the 3 included mounting screws and snap on the bezel.

## Exclusive Technology

### ■ SMARTDRIVER™ INTEGRATED

i2Systems SmartDriver technology is integrated directly inside of every fixture. Connect the Profile to a wide range of voltages without sacrificing light output or lifetime. No external drivers are required and wiring is made simple.

### ■ LIGHTLINK™ COMPATIBLE

i2Systems LightLink controllers represent the next generation in lighting control and connectivity. LightLink modules provide seamless integration of today's commercial and residential dimming systems through a wide variety of desirable interfaces.

### ■ ACCUWHITE™

i2Systems AccuWhite technology allows integration of Profile fixtures to traditional applications without sacrifice in color temperature (CCT) or color rendering (CRI). AccuWhite ensures accurate and consistent color matching from fixture to fixture and across product lines.

\*Refer to Specifications table on page 2 for additional information.

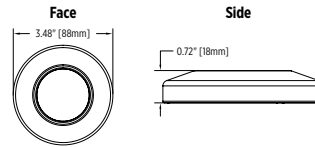
## SPECIFICATIONS

ITEM	PARAMETER	VALUE
Electrical	Input Power	2 Watts*
	Input Voltage Range	9-30V DC
	Integrated Driver	✓
	0-100% Dimming	✓
	Protection Features	Transient Protection, Reverse Polarity
Optical	Emitting Angle	120° Full Angle
	LED Color	Cool White, Warm White, Green, Blue, Royal Blue, Cyan, Red, Red-Orange, Amber
	LED Colors per Fixture	1
	Class	Class 2 LED Product
	Dimensions	Refer to drawings on right
Physical	Housing Construction	Aluminum, Stainless Steel
	Lens Material	Tempered Glass, Frosted
	Bezel Shapes	Round
	Finishes	<b>PVD Coated:</b> Polished Chrome, Polished Gold, Brushed Nickel <b>Powder Coated:</b> White, Off-White
	Mounting Method	Surface Mount
	Operating Temp. Range	-20°C to 40°C, Max. Case Temp (T <sub>C</sub> ): 50°C
	Humidity	0 to 95%, non-condensing
	Environment	Dry, Damp, Wet** (IP67)
	Certification	CE 94/25/EC, FCC Part 15, Class B, RoHS Compliant

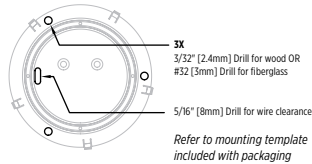
\*Due to constant power design, input current (In) will vary depending on input voltage. Be sure to size wire awg accordingly for worst case input voltage.

\*\*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 water runoff or downspouts.

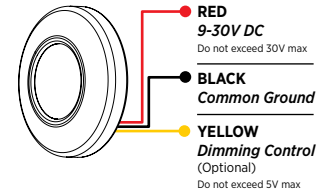
## DIMENSIONS



## MOUNTING

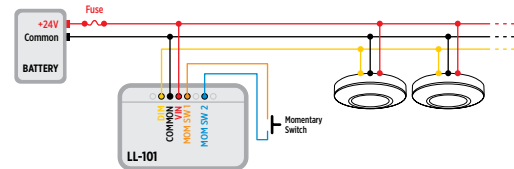


## WIRE FUNCTION



## INSTALLATION EXAMPLE

**Marine / RV EXAMPLE:**  
Momentary Switch Dimming via LightLink LL-101.



## ORDERING NUMBER

FIXED FACTORY NUMBER    EXAMPLE: **P1100Z-11HXXX**  
USER SELECTED OPTION    Polished Chrome Finish, Round Bezel, Red LED

**P1100Z** - **\*** **1** **\*** **XXX**

**Bezel Finish**  
**PVD Coated:**  
 1 Polished Chrome  
 2 Polished Gold  
 4 Brushed Nickel  
**Powder Coated:**  
 3 White  
 5 Off-White

**Bezel Shape**  
 1 Round

**LED Color**  
 A Cool White  
 C Warm White  
 D Green  
 E Blue  
 F Royal Blue  
 G Cyan  
 H Red  
 J Red-Orange  
 K Amber

## ACCESSORIES

KEYWORD	ITEM NUMBER	DESCRIPTION	FIXTURE MAX
Stand-Off Spacer	5120147	Spacer provides stand-off mounting and side exit for wire leads.	
LightLink LL-101	LL-101 Series	Dimming Controller, Multiple Interfaces, including Momentary (MOM) Switch Interface.	Dims up to 20 Profile P1100
LightLink LL-105	LL-105 Series	Dimming Controller, Multiple Interfaces including 0 to 10V Control.	Dims up to 20 Profile P1100
LightLink LL-205	LL-205 Series	Dimming Controller, Multiple Interfaces including 0 to 10V Control.	Dims up to 20 Profile P1100
75W Power Supply Enclosure	PS24V75W-E05	Power Supply Enclosure, 75W, 120/240/277VAC Input, 24VDC Output, Steel Enclosure.	Powers up to 20 Apeiron P1100
45W Power Supply Enclosure	PS24V45W-E01D	Power Supply Enclosure, 45W, 120/240VAC Input, 24VDC Output, Steel Enclosure w/ Knockouts & Terminal Blocks.	Powers up to 15 Profile P1100
75W Power Supply Enclosure	PS24V75W-E01D	Power Supply Enclosure, 75W, 120/240VAC Input, 24VDC Output, Steel Enclosure w/ Knockouts & Terminal Blocks.	Powers up to 20 Profile P1100
75W Outdoor Power Supply Enclosure	PS24V75W-E02	Outdoor Power Supply Enclosure, 75W, 120/240VAC Input, 24VDC x 1 Output, Stainless Steel NEMA 4 Enclosure.	Powers up to 20 Profile P1100
150W Outdoor Power Supply Enclosure	PS24V150W-E02	Outdoor Power Supply Enclosure, Dual Power Supply, 75W x 2, 120/240VAC Input, 24VDC x 2 Output, Stainless Steel NEMA 4 Enclosure.	Powers up to 40 Profile P1100