



# Profile P1140

## LED Surface Light with Touch Dimming

PATENTS  
PENDING

### PRODUCT HIGHLIGHTS

- 2.5 Watts
- 9-30V DC Input
- Touch Dimming Control
- Dims up to 20 non-Touch enabled Fixtures
- 3" Diameter
- Stainless Steel Construction
- Exterior Rated

### TYPICAL APPLICATIONS

- Marine / RV General Lighting
- Under Cabinet Lighting
- Decorative Accent Lighting

## SPECIFICATIONS

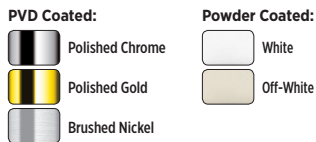
### SUITABLE ENVIRONMENTS



### LED COLORS

- Cool White
- Neutral White
- Warm White

### BEZEL FINISHES



### BEZEL SHAPES



### BEAM ANGLES



### CERTIFICATIONS



## Features

### ■ ADVANCED OPTICAL SYSTEM

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

### ■ 0 TO 100% TOUCH DIMMING

i2Systems Touch Technology allows 0 to 100% touch dimming control of 1 or multiple fixtures when grouped together.

### ■ 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.

### ■ 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.

### ■ TOUCH TECHNOLOGY

i2Systems patent-pending Touch Technology enables dimming and control of one or multiple i2Systems LED based fixtures. No external dimming units required.



### OPERATION

- Touch and hold the lens of the fixture for dimming.
- Touch briefly for on/off operation.

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

## SPECIFICATIONS

ITEM	PARAMETER	VALUE
Electrical	Input Power	2.5 Watts*
	Input Voltage Range	9-30V DC
	Integrated Driver	✓
	0-100% Dimming	✓
	Protection Features	Transient Protection, Reverse Polarity, Autoreset Fuse
Optical	Emitting Angle	120° Full Angle
	LED Color	Cool White, Neutral White, Warm White
	LED Colors per Fixture	1
	Class	Class 2 LED Product
Physical	Dimensions	Refer to drawings on right
	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 (Tc): 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

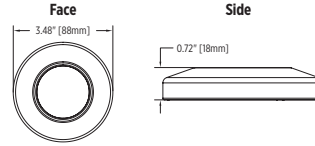
\*Due to constant power design, input current (In) will vary depending on input voltage. Be sure to size wire awg accordingly for worst case input voltage.

\*\*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.

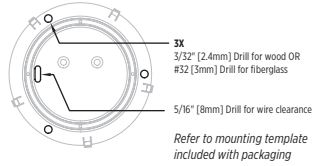
## ACCESSORIES

KEYWORD	ITEM NUMBER	DESCRIPTION	FIXTURE MAX
Stand-Off Spacer	5120147	Aluminum spacer provides stand-off mounting and side exit for wire leads.	
45W Power Supply Enclosure	PS24V45W-E01D	Power Supply Enclosure, 45W, 120/240VAC Input, 24VDC Output, Steel Enclosure w/ Knockouts & Terminal Blocks.	Powers up to 16 Profile P1140
75W Power Supply Enclosure	PS24V75W-E01D	Power Supply Enclosure, 75W, 120/240VAC Input, 24VDC Output, Steel Enclosure w/ Knockouts & Terminal Blocks.	Powers up to 21 Profile P1140
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 21 Profile P1140
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 42 Profile P1140

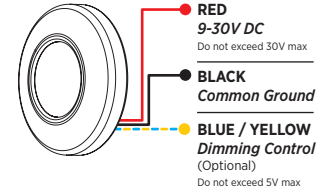
## DIMENSIONS



## MOUNTING

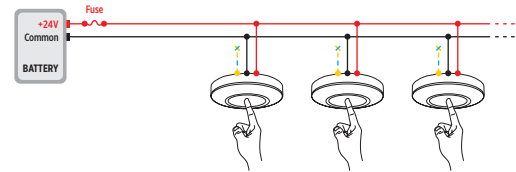


## WIRE FUNCTION

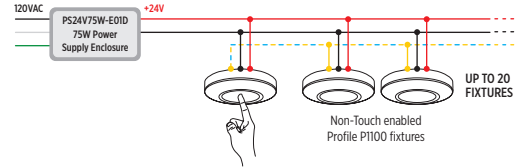


## INSTALLATION EXAMPLES

**Standalone EXAMPLE:**  
Profile P1140 fixtures operating individually. Touch 1 to dim 1. Dim line is not connected for this style of operation.



**Grouped EXAMPLE:**  
Grouping one Profile P1140 with other i2Systems fixtures\* (non-Touch enabled) allows you to dim and control all grouped fixtures from a single Profile P1140.



\*A fixture in this instance is defined as a single i2Systems Apeiron, Profile or Ember LED based fixture, or as a single linear foot of V-Line Latitude (ie 4' Latitude = 4 fixtures).

## ORDERING NUMBER

FIXED FACTORY NUMBER      EXAMPLE: **P1140A-11CXXX**  
 USER SELECTED OPTION      Polished Chrome Finish, Round Bezel, Warm White LED

**P1140A** - \* **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
- B Neutral White
- C Warm White