

LED Surface Light
with Touch Dimming



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

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

SPECIFICATIONS

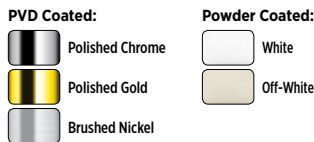
SUITABLE ENVIRONMENTS



LED COLORS

- Cool White
- 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.

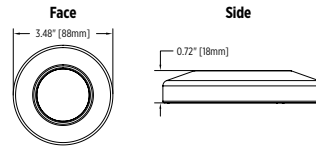
SPECIFICATIONS

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	PVD Coated: Polished Chrome, Polished Gold, Brushed Nickel Powder Coated: White, Off-White
	Mounting Method	Surface Mount
	Operating Temp. Range	-20°C to 40°C, Max. Case Temp (T _C): 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

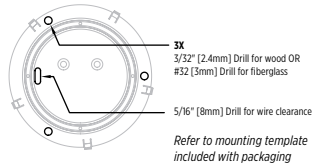
*Due to constant power design, input current (In) will vary depending on input voltage. Be sure to size wire awg accordingly for worst case input voltage.

**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.

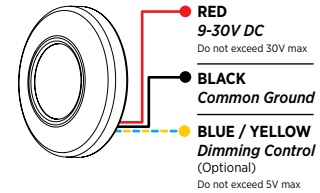
DIMENSIONS



MOUNTING

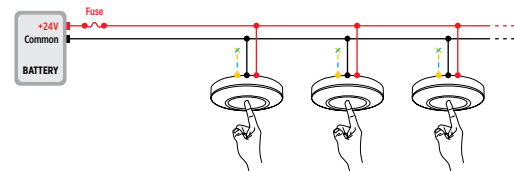


WIRE FUNCTION

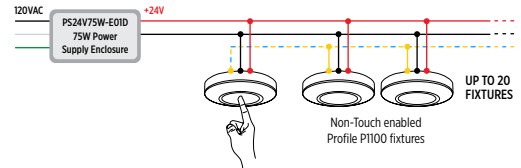


INSTALLATION EXAMPLES

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).

ACCESSORIES

KEYWORD	ITEM NUMBER	DESCRIPTION	FIXTURE MAX
Stand-Off Spacer	5I20147	Spacer provides stand-off mounting and side exit for wire leads.	
75W Power Supply Enclosure	PS24V75W-E05	Power Supply Enclosure, 75W, 120/240/277VAC Input, 24VDC Output, Steel Enclosure.	Powers up to 20 Profile P1140
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 20 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 20 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 40 Profile P1140

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