Profile P1100
LED Surface Light, 9 LED Colors Available

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

SUITSABLE ENVIRONMENTS

Dry  Damp  Wet

LED COLORS

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

BEZEL FINISHES

PVD Coated:  Powder Coated:
- Polished Chrome  White
- Polished Gold  Off-White
- Brushed Nickel

BEZEL SHAPES

Round

BEAM ANGLES

120° Full Angle

CERTIFICATIONS

CE  FCC  RoHS  IP67

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.

■ 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.

■ 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.

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

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

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

**DIMENSIONS**

- **Face**
  - 3.48" [88mm]
- **Side**
  - 0.72" [18mm]

**ACCESSORIES**

<table>
<thead>
<tr>
<th>KEYWORD</th>
<th>ITEM NUMBER</th>
<th>DESCRIPTION</th>
<th>FIXTURE MAX</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface</td>
<td>125074</td>
<td>Space provides stand-off mounting and side for wire loads.</td>
<td></td>
</tr>
<tr>
<td>Lightline LL-101 Series Dimming Controllers, Multiple Interfaces, including Momentary (MOM) Switch Interfaces.</td>
<td>Dimm up to 20 Profiles P1000</td>
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<tr>
<td>Lightline LL-105 Series Dimming Controllers, Multiple Interfaces, including 0 to 10V Control.</td>
<td>Dimm up to 20 Profiles P1000</td>
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<tr>
<td>Lightline LL-205 Series Dimming Controllers, Multiple Interfaces, including 0 to 10V Control.</td>
<td>Dimm up to 20 Profiles P1000</td>
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<tr>
<td>75W Power Supply Enclosure</td>
<td>PSD41675W-005</td>
<td>Power Supply Enclosures, 75W, 120/240VAC Input, 24VDC Output, Stainless Steel Enclosure.</td>
<td>Powers up to 20 Profiles P1000</td>
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<tr>
<td>45W Power Supply Enclosure</td>
<td>PSD41645W-005</td>
<td>Power Supply Enclosures, 45W, 120/240VAC Input, 24VDC Output, Stainless Steel Enclosure w/ Knockouts &amp; Terminal Blocks.</td>
<td>Powers up to 15 Profiles P1000</td>
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<tr>
<td>70W Power Supply Enclosure</td>
<td>PSD41670W-005</td>
<td>Power Supply Enclosures, 70W, 120/240VAC Input, 24VDC Output, Stainless Steel Enclosure w/ Knockouts &amp; Terminal Blocks.</td>
<td>Powers up to 20 Profiles P1000</td>
</tr>
<tr>
<td>70W Outdoor Power Supply Enclosure</td>
<td>PSD41675W-002</td>
<td>Outdoor Power Supply Enclosures, 70W, 120/240VAC Input, 24VDC x 2 Output, Stainless Steel NEMA 4 Enclosure.</td>
<td>Powers up to 20 Profiles P1000</td>
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<tr>
<td>100W Outdoor Power Supply Enclosure</td>
<td>PSD416105W-002</td>
<td>Outdoor Power Supply Enclosures, Dual Power Supply, 100W x 2, 120/240VAC Input, 24VDC x 2 Output, Stainless Steel NEMA 4 Enclosure.</td>
<td>Powers up to 40 Profiles P1000</td>
</tr>
</tbody>
</table>

**INSTALLATION EXAMPLE**


- **WIRE FUNCTION**
  - RED: 9-25V DC
  - BLACK: Common Ground
  - YELLOW: Dimming Control (Optional)

- **ORDERING NUMBER**
  - FIXED FACTORY NUMBER: EXAMPLE: P1100Z-11HXXX
  - USER SELECTED OPTION

- **Examples**
  - P1100Z-11HXXX
    - Bezel Finish:
      - PVD Coated: Polished Chrome, Polished Gold, Brushed Nickel
      - Powder Coated: White, Off-White
    - Bezel Shape: Round
    - LED Color:
      - Cool White, Warm White, Green, Blue, Royal Blue, Cyan, Red, Red-Orange, Amber
    - Momentary Switch Dimming

**PRODUCT INFORMATION**

- All brand names and product names are trademarks of i2Systems.
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