

PROJECT: \_\_\_\_\_

TYPE: \_\_\_\_\_

PRODUCT: \_\_\_\_\_

APPROVED BY: \_\_\_\_\_

PRODUCT FEATURES

- The PositiveCare™ TheraWindow Series provides a calming distraction with stunning high-resolution artwork options. New Star offers a variety of high quality image overlays with the option of custom images (consult factory). Images can be configured as a standalone image or into a mural
- Intended for Hospitals, Patient Rooms, Exam Rooms, Lobbies, Pediatric Care, Medical Office Buildings, Dental Offices, and more
- Available in 2x2 and 2x4 dimensions
- Certified IP65 per IEC60598, NSF2 Splash Zone/Non-Food Zone Rated, and Meets ISO Class 4 (Fed Std. 209E/ Class 10).
- Surface, Recessed Grid or Flange installation This product is Made in America and complies with Buy American Act (BAA), and the Build America, Buy America Act (BABAA).



PD Series

ORDERING INFORMATION

Example: PDS22-P-142-HC/IE-L435-BT-90C-UN

Order based on number of murals, not individual PDs. Example: 8 TheraWindows for 1 Mural, order Qty 1 with configuration = 8, Y, Z. See example on Page 3.



| PD                                                                       |                                                          |                                                                                       | P                                                             | /                                                                                                                                                 |                                                                                                                             |                                                                                                                                                                                                                                                                                                                                          |
|--------------------------------------------------------------------------|----------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Series                                                                   | Mounting<br>S = Surface<br>R = Recessed<br>(Grid/Flange) | Size*<br>22 = 2x2<br>24 = 2x4<br><br>*Nominal Size.<br>Dimensional Data<br>on Page 2. | P = Premier<br>Imaging Mural                                  | Configuration<br>XYZ<br>X = Number of fixtures per<br>Mural<br>Y = Horizontal length of Mural<br>(feet)<br>Z = Vertical length of Mural<br>(feet) | Housing<br>HC = 20Ga. CRS<br>Painted<br>HS = 20Ga. SS<br>Brushed<br>HP = 20Ga. SS<br>Painted<br>HA = 16Ga. Alum.<br>Painted | Frame<br>Inset (i) or Overlap (o)<br>IE = Extruded Alum.*<br>IP = Extruded Alum. Painted*<br>IP65:<br>IC = 20Ga. CRS Painted<br>IA = .050 Alum. Painted<br>IB = 20Ga. SS Brushed<br>IS = 20Ga. SS Painted<br>OC = 18Ga. CRS Painted<br>OS = 18Ga. SS Brushed<br>OP = 18Ga. SS Painted<br>OA = .050 Alum. Painted<br><br>*No IP65 Rating. |
|                                                                          |                                                          |                                                                                       | 90C                                                           |                                                                                                                                                   |                                                                                                                             |                                                                                                                                                                                                                                                                                                                                          |
| Wattage<br>PD22:<br>L4 = Standard (50W)<br>PD24:<br>L4 = Standard (100W) |                                                          | Color Temp.<br>35 = 3500K<br>40 = 4000K<br>50 = 5000K                                 | Image Number*<br><a href="#">Click Here for Image Library</a> |                                                                                                                                                   | CRI<br>90C = 90 CRI                                                                                                         | Voltage<br>12 = 120V<br>27 = 277V<br>UN = Universal<br>(120V-277V)                                                                                                                                                                                                                                                                       |
|                                                                          |                                                          |                                                                                       |                                                               |                                                                                                                                                   |                                                                                                                             | Options<br>FZ1 = Fuse (120V)<br>FZ2 = Fuse (277V)<br>TH = Tamper-resistant Torx® head<br>fasteners*<br><br>*Not rated for NSF2.                                                                                                                                                                                                          |

## SPECIFICATIONS

**CONSTRUCTION:** 20-Gauge formed cold rolled steel housing with continuous seam welds. Aluminum and stainless steel option available.

**DOORFRAME:** Inset or overlapping doorframe available in aluminum, cold rolled steel, and stainless steel. Extruded inset door available in anodized aluminum or white painted aluminum. Frame secured to housing via aircraft cable.

**IMAGES:** Variety of high-resolution images designed to scale into large murals without pixilation. Images are printed on UV-stabilized polycarbonate lens material, unless otherwise specified. Click [HERE](#) to access the New Star Graphic Library.

**LED:** Available in three color temperatures 3500K, 4000K, and 5000K with maximum 3-step MacAdam variation allowance. Other color temperatures available, consult factory. Minimum 50,000 hours with 70% lumen maintenance in a 25°C ambient temperature environment, compliant with IES LM-80 testing standards.

**ELECTRICAL:** Minimum 80 CRI standard. 0-10V dimming available with 10-100% range and 1-100% range. Must specify dimming under options. 50W per PD22. 100W per PD24.

**GASKET:** Closed cell EPDM and closed cell silicone gaskets prevent air contaminations from entering the fixture.

**FASTENERS:** Stainless steel Philips flat head fasteners with captive cage nuts. Finish to match doorframe.

**FINISH:** White antimicrobial polyester powder coat finish following multi-stage iron phosphate pretreatment.

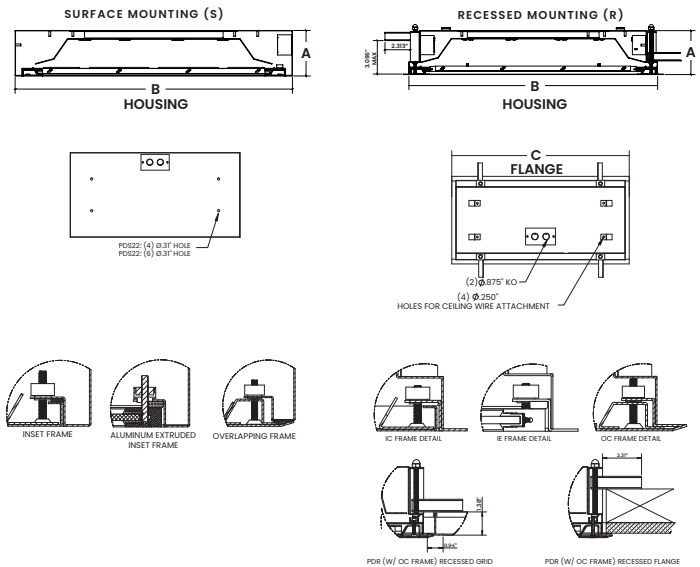
**INSTALLATION:** Surface or Universal Recessed mounting accommodates Grid and Flange installations. Recessed luminaires will be supplied with adjustable swing arms that can be used for Flange applications or secured to the side of housing for Grid applications. Compatible with 1-1/2" and 15/16" Grid systems. Mounting for custom ceilings available, consult factory.

**WARRANTY:** 5 Year Warranty.

**LABEL:** Fixture is certified to UL standards for Wet Locations (under covered ceiling). Meets ISO Class 4 (Fed Std. 209E/ Class 10). This product was Made in America and complies with the Buy American Act (BAA), and the Build America, Buy America Act (BABAA).

## DIMENSIONAL DATA

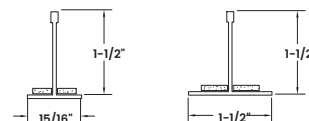
Fixture weight varies and is dependent upon chosen specifications. Consult factory for additional information. Average weight of the PD22 is 30lbs. Average weight of the PD24 is 60lbs.



|              | A     | B               | C               |
|--------------|-------|-----------------|-----------------|
| <b>PDS22</b> | 3.49" | 24.00" x 24.07" | -               |
| <b>PDS24</b> | 3.94" | 24.00" x 48.07" | -               |
| <b>PDR22</b> | 4.00" | 22.64" x 22.64" | 23.69" x 23.69" |
| <b>PDR24</b> | 4.00" | 22.64" x 46.64" | 23.69" x 47.69" |

**GRID COMPATIBILITY:**  
PDR22: Spaced at 24" x 24" Centers  
PDR24: Spaced at 24" x 48" Centers

**RECOMMENDED CEILING CUT OUTS:**  
PDR22: 22.88" x 22.88"  
PDR24: 22.88" x 46.88"



CONFIGURATION EXAMPLE

Order quantity based on number of murals, not individual TheraWindows.

| CONFIGURATION EXAMPLE #1 |
|--------------------------|
| 4 8 4                    |
| X Y Z                    |

| CONFIGURATION EXAMPLE #2 |
|--------------------------|
| 4 4 8                    |
| X Y Z                    |

X = Number of TheraWindows per Mural = 4 (2x4 TheraWindows)

Y = Horizontal Length (feet) = 8ft

Z = Vertical Length (feet) = 4ft

X = Number of TheraWindows per Mural = 4 (2x4 TheraWindows)

Y = Horizontal Length (feet) = 8ft

Z = Vertical Length (feet) = 4ft

