

THERAWINDOW SERIES LED

PD22/PD24

SPECIFICATION FEATURES

HOUSING: 20 gauge formed cold rolled steel housing with continuous seam welds. Aluminum and stainless steel option available.

FRAME: Inset or overlapping doorframe available in aluminum, cold rolled steel, and stainless steel. Frame held to housing via extruded inset door available in anodized aluminum or white painted aluminum. Frame held to housing via aircraft cable.

LENS: Variety of high-resolution images available. Custom images optional. Images may need to be edited. Images are printed on 1/8" polycarbonate unless otherwise specified.

ELECTRICAL: Available in three color temperatures 3500°K, 4000°K, and 5000°K with maximum 3-step MacAdam variation allowance. Other color temperatures available, consult factory. 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 screws with captive cage nuts. Finish to match doorframe.

FINISH: White antimicrobial powder coat finish following an iron phosphate pre-treatment.



PDR22

APPLICATIONS: Patient Rooms, Dental Offices, Waiting Rooms, Offices, Conference Rooms, and more.

MOUNTING: Surface (S) or Recessed (R) mounting accommodates Grid and Flange installations. Recessed fixtures will be supplied with adjustable swing arms that can be used for Flange applications or taped to the side for Grid applications. Recessed install compatible with 1-1/2" and 15/16" Grid systems. Mounting for custom ceilings available, consult factory.

LABEL: Fixture is certified to UL standards for Wet Locations (under covered ceiling). Certified IP65, ISO4, NSF.



ORDERING INFORMATION

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.

SERIES	MOUNTING	SIZE*	P	CONFIGURATION*	HOUSING	FRAME
PD	S = Surface R = Recessed (Grid/Flange)	22 = 2x2 24 = 2x4	P = Premier Imaging Mural	X Y Z X = Number of fixtures per Mural Y = Horizontal length of Mural (feet) Z = Vertical length of Mural (feet)	HC = 20Ga. CRS Painted HS = 20Ga. SS Brushed HP = 20Ga. SS Painted HA = 16Ga. Alum. Painted	INSET (I) or OVERLAP (O) IE = Extruded Alum. IP = Extruded Alum. Painted IP65: IC = 20Ga. CRS IA = .050 Alum. Painted IB = 20Ga. SS Brushed IS = 20Ga. SS Painted OC = 18Ga. CRS Standard OS = 18Ga. SS Brushed OP = 18Ga. SS Painted OA = .050 Alum. Painted
		*Nominal Size. Dimensional Data on Page 2.		*Configuration example on Page 3. Custom configurations and shapes available, consult factory. Images may need to be edited based on layout.		

WATTAGE	COLOR TEMP.	IMAGE*	VOLTAGE	OPTIONS
L4				
PD22:	35 = 3500°K	RT = Red Flowers w. Tree	12 = 120V	DM = 0-10V dimming with 10-100% range
L4 = Standard (50W)	40 = 4000°K	PT = Palm Tree 1	27 = 277V	DM1 = 0-10V dimming with 1-100% range
PD24:	50 = 5000°K	WF = White Flower	34 = 347V	FZ1 = Fuse (120V)
L4 = Standard (100W)		P2 = Palm Tree 2	UN = Universal	FZ2 = Fuse (277V)
		TE = Tree	(120V-277V)	TH = Torx Head screws (with center pin)
		BT = Blue Sky w. Tree		
		B1 = Blue Sky 1		
		B2 = Blue Sky 2		
		WT = White Tree		
		WP = White Pink Tree		
		YO = Yellow Orange Tree		
		SI = Standard Image TBD**		
		CI = Customer to provide Image***		

*Image options on Page 3.
 **Quote with standard image offering.
 Image to be selected at time of order.
 ***Image must be hi-resolution.
 Contact factory for details.

Notes:
 This product is Made in America and complies with the Buy American Act requirements. Specifications and Dimensions are subject to change without notice. For additional options and dimensional details please consult your New Star Lighting Rep.

THERAWINDOW SERIES LED

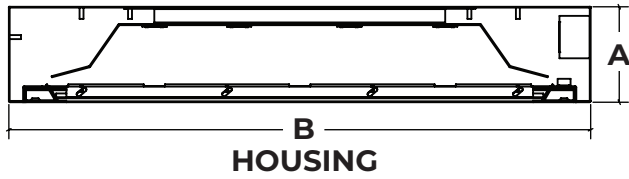
PD22/PD24



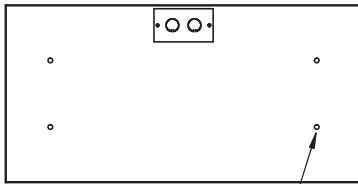
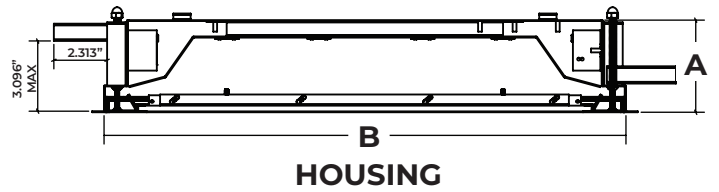
DIMENSIONAL DATA

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

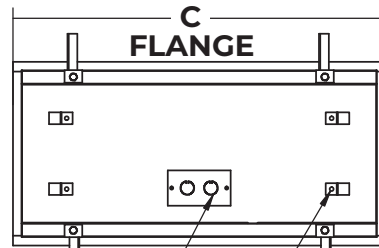
SURFACE MOUNTING (S)



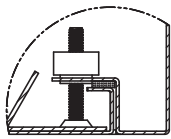
RECESSED MOUNTING (R)



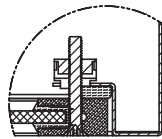
PDS22: (4) Ø.31" HOLE
PDS24: (6) Ø.31" HOLE



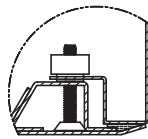
(2) Ø.875" KO
(4) Ø.250"
HOLES FOR CEILING WIRE ATTACHMENT



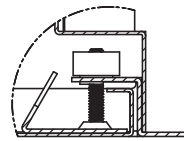
INSET FRAME



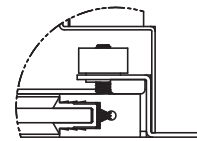
ALUMINUM EXTRUDED
INSET FRAME



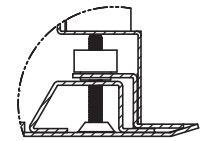
OVERLAPPING FRAME



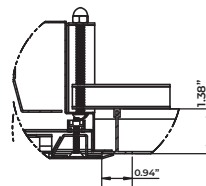
IC FRAME DETAIL



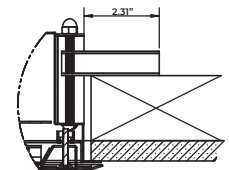
IE FRAME DETAIL



OC FRAME DETAIL



PDR (W/ OC FRAME) RECESSED GRID



PDR (W/ OC FRAME) RECESSED FLANGE

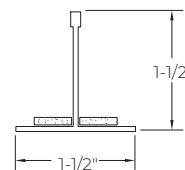
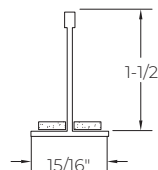
	A	B	C
PDS22	3.94"	24.00" x 24.07"	-
PDS24	3.94"	24.00" x 48.07"	-
PDR22	4.00"	22.64" x 22.64"	23.69" x 23.69"
PDR24	4.00"	22.64" x 46.64"	23.69" x 47.69"

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"



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CONFIGURATION EXAMPLE

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

CONFIGURATION EXAMPLE #1

4 8 4
X Y Z

X = Number of TheraWindows per Mural = 4 (2x4 TheraWindows)
Y = Horizontal Length (Feet) = 8ft
Z = Vertical Length (Feet) = 4ft



CONFIGURATION EXAMPLE #2

4 4 8
X Y Z

X = Number of TheraWindows per Mural = 4 (2x4 TheraWindows)
Y = Horizontal Length (Feet) = 4ft
Z = Vertical Length (Feet) = 8ft

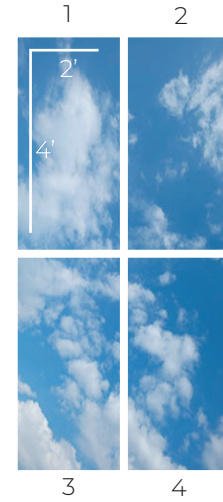


IMAGE OPTIONS



RT = Red Flowers w Tree



PT = Palm Tree 1



WF = White Flower



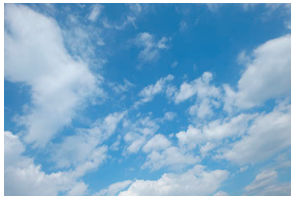
P2 = Palm Tree 2



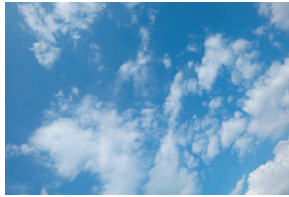
TE = Tree



BT = Blue Sky w Tree



B1 = Blue Sky 1



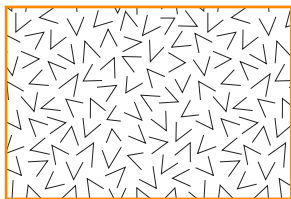
B2 = Blue Sky 2



WT = White Tree



WP = White Pink Tree



YO = Yellow Orange Tree CI = Customer Provided