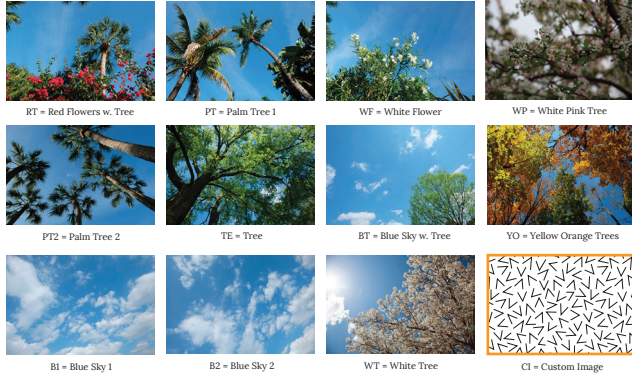


TheraWindow 22-24 Surface

HEALTHCARE SERIES
PERFECT DAY SURFACE LUMINAIRE
FLUORESCENT/LED



PROJECT:
TYPE:
PRODUCT:
APPROVED:
DATE:

FEATURES

The New Star "Surgical S22-S24" Healthcare fixture is designed for use in surgical suites, medical settings which employ laminar or turbulent cleanroom airflow and areas where clean is critical.

- Enclosed design to insure ingress protection
- Standard overlapping frame made from single sheet CRS with beveled edges
- Inset frame fabricated from extruded aluminum
- Sealed, reinforced mitered corners
- Gasketed for contamination control
- Lens options for different high tech medical needs
- Smooth surface for minimal maintenance
- Accommodates extreme cleaning protocols

APPLICATION

- Patient Rooms
- MRI Suites
- Dental Procedure Rooms
- Spas and Wellness Centers
- Office and Conference Rooms
- Waiting Rooms

SPECIFICATION FEATURES

HOUSING:

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

FRAME:

Inset extruded door available in anodized aluminum or white painted aluminum. Overlapping door frame available in aluminum, CRS and stainless steel. Frame fastened to housing via aircraft cable.

LENS:

Various standard graphic images and custom graphics. Overlapping frame uses a rail hold down system with silicone sealant.

ELECTRONICS:

Fluorescent:
Electronic Ballast <10% THD standard. RIF available. Lamps by others.

LED: Constant current

Available in three standard color temperatures 3500°K, 4000°K & 5000°K. Other color temperatures available, consult factory.

LED NIGHT LIGHT:

Integrated switch allows light selection at 100%, 70%, 40% and 10% levels

GASKET:

Closed cell PVC or extruded silicone gaskets prevent air contaminants from entering room.

FASTENERS:

Phillips flat head screws with captive cage

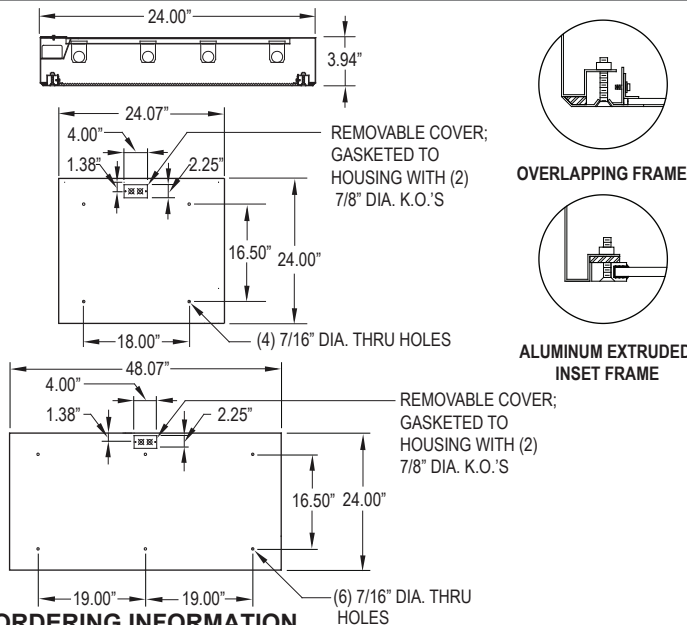
FINISH:

White Antimicrobial powdercoat finish following iron phosphate pre-treatment.

LABEL:



DIMENSIONAL DATA



ORDERING INFORMATION

Product Family	Housing Matl.	Frame	# of Lamps	Lamp Type
PDS_				
PDS22 23-11/16" x 24-3/16" x 3-15/16"	HC = 20Ga. CRS (Standard)	Overlap Frame	Fluor. PDS22:	Fluor. PDS24:
PDS24 23-11/16" x 48-1/16" x 3-15/16"	HS = 20Ga. S.S. HP = 20Ga. S.S. (Painted) HA = Alum. (Painted)	Inset Frame Options:	LED PDS22:	LED PDS24:
		IE=Extruded Alum.No IP65 IP=Extruded Alum.(Paint.) No IP65	L2 = LED 2 Rw (25W) L3 = LED 3 Rw (37.5W) L4 = LED 4 Rw (50W) L5 = LED 5 Rw (62.5W) L6 = LED 6 Rw (75W) L7 = LED 7 Rw (87.5W) L8 = LED 8 Rw (100W)	L2 = LED 2 Rw (50W) L3 = LED 3 Rw (75W) L4 = LED 4 Rw (100W) L5 = LED 5 Rw (125W) L6 = LED 6 Rw (150W) L7 = LED 7 Rw (175W) L8 = LED 8 Rw (200W)
		OC=18Ga. CRS(Stand.) OS=18Ga. S.S.(Brush.) OP=18Ga. S.S.(Paint.) OA=Aluminum (Paint.)	2 = 2 Lamp 3 = 3 Lamp 4 = 4 Lamp 6 = 6 Lamp	17 = Lin. 17W T8 14 = Lin. 14W T5 24 = Lin. 24W T5 54 = Lin. 54W T5 HO U6 = 32W U-Lamp
		IC=18Ga. CRS IP65 IA=Alum.(Paint.) IP65 IB=18Ga. S.S.(Brush.) IP65 IS=18Ga. S.S.(Paint.) IP65		LED: (6" leg spac.) 35 = White 3500° K 40 = White 4000° K 50 = White 5000° K
# Ballasts/Drivers		Lens	Voltage	Options
Fluorescent: LED: 1 = Ballast 2 = Ballast 1 = Driver 2 = Driver 3 = Driver 4 = Driver		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 = Custom Image	12 = 120V 27 = 277V 34 = 347V ■ UN = Universal (120V-277V)
				DB = Dimming Ballast (0-10V) * DM = Dimming Driver (0-10V) SDM = Step Dimming Module PR = Program Rapid Start FZ = Fuse * NL = Fluorescent Night Light * LN = LED Night Light. Consult factory for available color/temperatures.
				E1 = Emerg. Bat. Pack(450 Lumens) * ◀◀ E2 = Emerg. Bat. Pack (1100 Lumens) * ◀◀ EL1= Emerg. Bat. LED Low EL2= Emerg. Bat. LED High RF = RIF (Radio Interference Filter)* TH = Torx Head screws (with center pin) TM = Tandem Mount

* Cannot use with universal voltage option
◀ Consult factory for T5 availability

■ Consult factory for lamp-ballast options

Notes:

Specifications and Dimensions are subject to change without notice. For additional options and dimensional details please consult your New Star Lighting Representative. For specific electronic ballast, specify brand and catalog number.