

TheraWindow 12-14 GRID

HEALTHCARE SERIES
PERFECT DAY GRID LUMINAIRE
FLUORESCENT/LED



PROJECT:
TYPE:
PRODUCT:
APPROVED:
DATE:

FEATURES

The New Star "Surgical G12-G14" 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
- IP65 rated

APPLICATION

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

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.

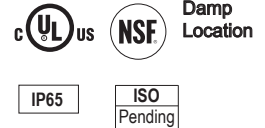
FASTENERS:

Phillips flat head screws with captive cage

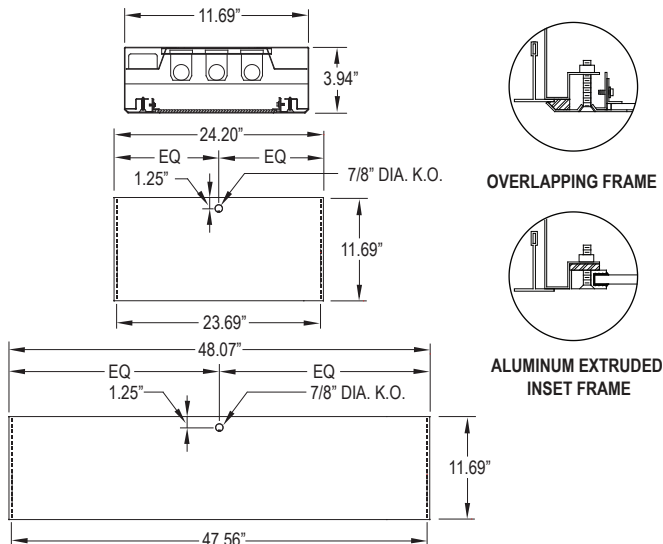
FINISH:

White Antimicrobial powdercoat finish following iron phosphate pre-treatment.

LABEL:



DIMENSIONAL DATA



ORDERING INFORMATION

Product Family	Housing Matl.	Frame	# of Lamps	Lamp Type
PDG_				
PDG12 11-11/16" x 24-3/16" x 3-15/16"	HC = 20Ga. CRS (Standard)	Overlap Frame Options: ALL IP65	Fluorescent: PDG12-PDF14 2 = 2 Lamp 3 = 3 Lamp	Fluorescent: PDG12: 17 = Lin 17W T8 14 = Lin 14W T5 24 = Lin 24W T5 HO
PDG14 11-11/16" x 48-1/16" x 3-15/16"	HS = 20Ga. S.S. HP = 20Ga. S.S (Painted) HA = Alum. (Painted)	Inset Frame Options: IE = Extruded Alum.No IP65 IP = Extruded Alum. (Painted) No IP65 IC = 18Ga. CRS IP65 IA = Alum.(Painted) IP65 IB = 18Ga. S.S. (Brushed) IP65 IS = 18Ga. S.S. (Painted) IP65	LED PDG14: L2 = LED 2 Rw (50W) L3 = LED 3 Rw (75W) L4 = LED 4 Rw (100W)	Fluorescent: PDG14: 32 = Lin 32W T8 28 = Lin 28W T5 54 = Lin 54W T5 HO LED: 35 = White 3500° K 40 = White 4000° K 50 = White 5000° K
# of Ballasts/Drivers	Lens	Voltage	Options	
1 = 1 Ballast 2 = 2 Ballast	LED: 1 = Driver 2 = Driver 3 = Driver 4 = Driver	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 + Must be used when ordering lensed inset door ◀ Consult factory for T5 availability ■ Consult factory for lamp-ballast options ♦ Not available in LED ■ 3000° K recommended for Graphic image				

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.