Horizon Linear Lighting

Catalog Number	
Project	Type

Features & Specifications

CRT SERIES
CLEANROOM LAY-IN TROFFER

Application
This fixture is designed for recessed ceiling mounting in a clean room environment.

Features
Optimized for T8 or T5 lamp performance. Computer-aided housing design allows for optimum luminaire efficiency.

Construction
Housing constructed of structurally embossed, heavy gauge, cold rolled steel. Die-formed flat steel door with mitered corners for clean appearance. Wire way covers snap in for easy attachment and removal. Access plate provides top access to wire way. Fixture comes with a triple neoprene gasket and inverted lens for ease of maintenance. Door frame and lens are siliconed together on inside of fixture so that it is not visable from below.

Electrical System
Suitable for damp locations. Damp location emergency pack must be specified separately. Ballasts are solid-state electronic ≤10% THD Instant Start. Ballasts and lamp holders are replaceable without removing from ceiling. Discrete voltage must be specified for emergency pack options when wired with flex.
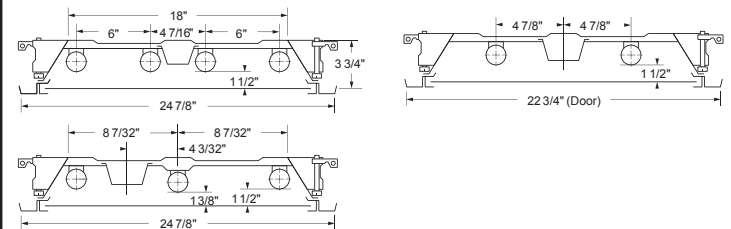
Finish
All reflective surfaces are finished with a high reflectance (93%), lighting fixture white polyester powder.

DIMENSIONS

18" 6" 4 7/16" 6" 3 3/4" 1 1/2" 24 7/8"

4 7/8" 4 7/8" 1 1/2" 22 3/4" (Door)

8 7/32" 8 7/32" 4 3/32" 13/8" 1 1/2" 24 7/8"

Made in the USA

Ordering Nomenclature
Ex: (2X4 Cleanroom Lay-In Troffer, 4 Lamps, F32T8, #12 Acrylic Pattern, .100" thick lens, White Flush Door, Multi-Volt = CRT2432SWD)

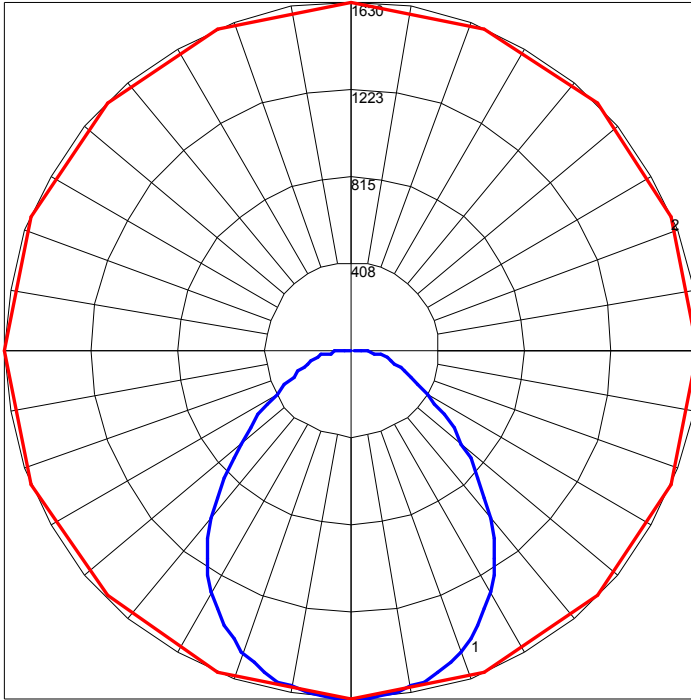| SERIES	NUMBER OF LAMPS	WATTAGE/TYPE	AIR FUNCTION	DIFFUSER	DOOR FRAME	VOLTAGE	BALLAST FACTOR	OPTIONS
CRT1 1X4 CRT2 2X4 CRT22 2X2	2 3 4	**2X2** **17** - 17W T8, 24" **25** - 25W T8, 24" **U31** - 31W T8 U, 1⅝" Leg **U316** - 31W 8T U, 6" Leg **CF39** - 39W TT5, 24" **CF40** - 40W TT5, 24" **CF50** - 50W TT5, 24" **CF55** - 55W TT5, 24" **1X4 and 2X4** **28T8** - 28W T8, 48" **28T5** - 28W T5, 46" **30** - 30W T8, 48" **32** - 32W T8, 48" **48HO** - 60W 800mA, 48" **54** - F54T5HO, 46"	**BLANK** - No Air Function **1** - Air Supply /Return **2** - Heat Removal **3** - Dual Function Supply / Return	**BLANK**-#12 Acryl .100" thick **A** -#12 Acrylic .125" thick **B** -#12 Acrylic .156" thick **C** -#15 Acrylic .125" thick **D** -#15 Acrylic .140" thick	**SW**-Flush Steel White **AN**-Flush Alum Natural **AB**-Flush Alum Matte Black **AW**-Flush Alum White **RN**-Regressed Alum Natural **RB**-Regressed Alum Matte Black **RW**-Regressed Alum White	**D** - Multi-Volt **1** - 120V **2** - 277V **3** - 347V **4** - 480V	**BLANK** - Normal **H** - High **L** - Low	**10RS** - ≤10% THD, Rapid Start **P** - Program Start **20** - ≤20% THD **EB5** - 500 Lumen T8 Emergency Ballast **EB7** - 700 Lumen T8 Emergency Ballast **EB14** - 1400 Lumen T8 Emergency Ballast **EB30** - 3000 Lumen T8 Emergency Ballast **EB5T5**- 500 Lumen T5 Emergency Ballast **EB7T5**- 700 Lumen T5 Emergency Ballast **EB14T5** -1400 Lumen T5 Emergency Ballast **IC** - Insulation Contact Rated **FBF** - Fast-Blow Fuse **SBF** - Slow-Blow Fuse **AC63** - 6', 3/8" dia., Armored Flex Cable **SJ6** - 6', 3/8" dia., 16/3 SJ Cord **SJ10** - 10', 3/8" dia., 16/3 SJ Cord **SJ15** - 15', 3/8" dia., 16/3 SJ Cord **PWO** - Palletized without Cartons **CD** - Continuous Dimming (T8) **SD** - Step Dimming (T8) **CD5** - Continuous Dimming (T5) **SD5** - Step Dimming (T5) **WOC** - 120/347 Volt Sensor **WOC1**- 480 Volt Sensor **C1** - 6' Cord w/120V Nema Plug 16/3 15A

C2 - 6' Cord w/277V Nema Plug 16/3 15A
C3 - 10' Cord w/277V Nema Plug 16/3 20A
C4 - 6' Cord w/480V Nema Plug 16/3 20A
IO - Inboard/Outboard (2 lamp-2 lamp)
IO1 - Inboard/Outboard (1 lamp-2 lamp)
IO2 - Inboard/Outboard (1 Lamp, 3 Lamp)

ADDITIONAL OPTIONS
FK14 - 1x4 Flange Kit
FK22 - 2x2 Flange Kit
FK24 - 2x4 Flange Kit

Energy Saving Tip! Our Occupancy Sensor option instantly turns lights on and off

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Maximum Candela = 1630   Located At Horizontal Angle = 0, Vertical Angle = 2.5
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)
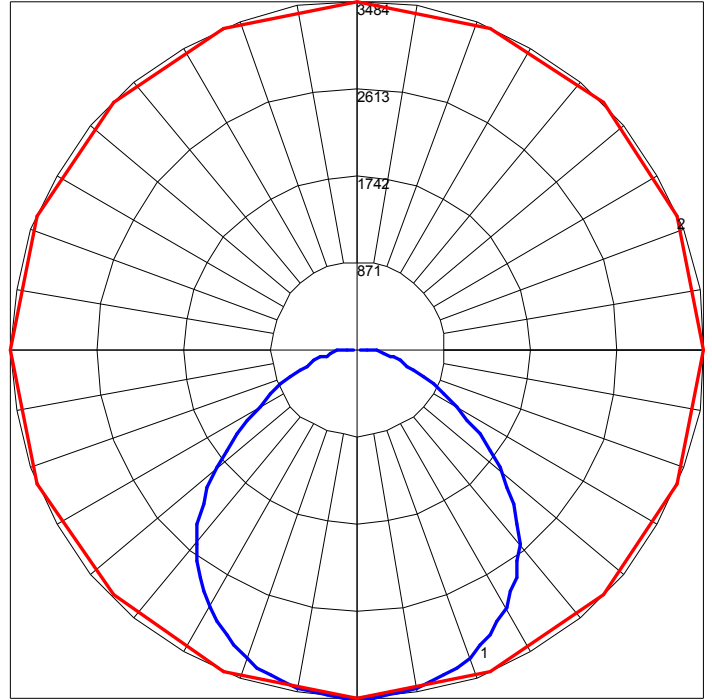
Maximum Candela = 3484   Located At Horizontal Angle = 22.5, Vertical Angle = 2.5
1 - Vertical Plane Through Horizontal Angles (22.5 - 202.5) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)