Horizon Linear Lighting

Catalog Number	
Project	**Type**

Features & Specifications

Application
Low profile Static Luminaries for general application ideal for restricted plenum spaces in commercial or industrial applications.

Construction
Housing constructed of structurally embossed, 22 gauge cold rolled steel. Shallow, light housing for easy installation, post painted body with smooth sides for safe handling. Extra reinforcement in body to create additional rigidity. Superior mechanical light seal to eliminate the need for foam gasketing. Standard steel door frame has superior structural integrity with a premium appearance precision cut corners. Steel door frame allows easy lens replacement by loosening only one corner. Integral T – Bar clips to secure fixture to T – Bar system. Shielding is acrylic and UV stabilized. All Shielding is free of Asbestos.

Electrical System
ETL listed. Suitable for damp locations. Damp location emergency pack must be specified separately. Ballasts and lamp holders are replaceable without removing from ceiling. Comes standard with ballast disconnects for safe maintenance.
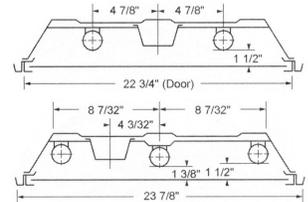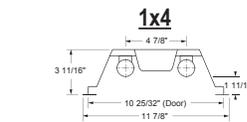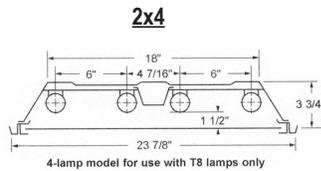
Finish
Post painted housing and components with a Lighting White Polyester type paint which has a UV stabilizer included with a 93% reflectivity. Raw steel goes through our custom wash system with a mild solvent and pre treatment "rust inhibitor" before passing through a preheat oven. After the paint is applied the fixture then passes through the cure oven for maximum adhesion. Each fixture is painted to a minimum of 2-3 mil thickness for extra durability.

DIMENSIONS

2x4
18"
6"   4 7/16"   6"
3 3/4"
1 1/2"
23 7/8"
4-lamp model for use with T8 lamps only

1x4
4 7/8"
3 11/16"
1 11/16"
10 25/32" (Door)
11 7/8"

4 7/8"   4 7/8"
1 1/2"
22 3/4" (Door)
8 7/32"   8 7/32"
4 3/32"
1 3/8" 1 1/2"
23 7/8"

ETL LISTED
Made in the USA

Master/Slave Systems available upon request. Please contact your Horizon Sales Representative for more information.

Ordering Nomenclature
Ex: (2X4 Lay-In Troffer, 4 Lamps, F32T8, #12 Acrylic Pattern, .100" thick lens, White Flush Door, Multi-Volt = TR2432SWD)

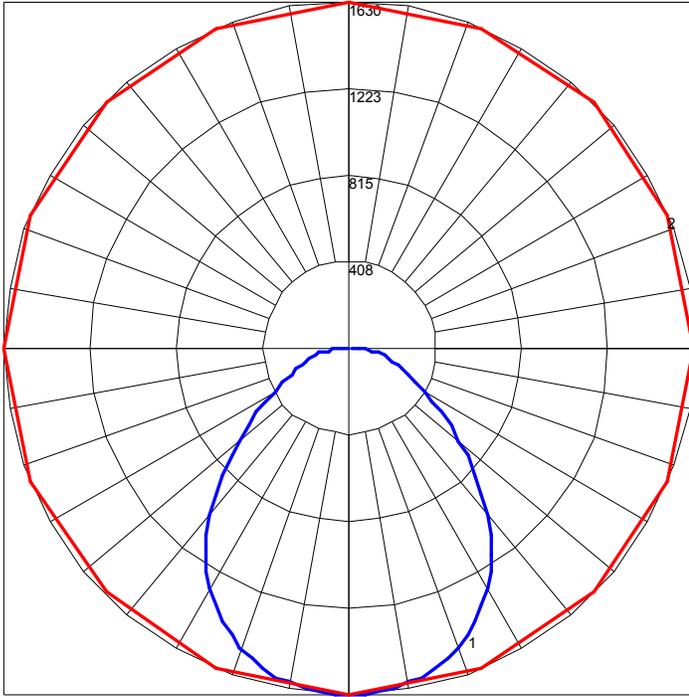| SERIES	NUMBER OF LAMPS	WATTAGE/TYPE	AIR FUNCTION	DIFFUSER	DOOR FRAME	VOLTAGE	BALLAST FACTOR	OPTIONS
TR1 1X4 **TR2** 2X4 **TR22** 2X2	2 3 4	**2X2** **17** - 17W T8, 24" **25** - 25W T8, 24" **U31** - 31W T8 U, 1⅝" Leg **U316** - 31W 8T U, 6" Leg **CF39** - 39W TT5, 24" **CF40** - 40W TT5, 24" **CF50** - 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" **40T10** - 40W T10, 48"	**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 **E** -½" Egg Crate **F** -1 ½" Drop Lens **G** -¾" Egg Crate	**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 *Multi-Volt is 120/277V	**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

ADDITIONAL OPTIONS

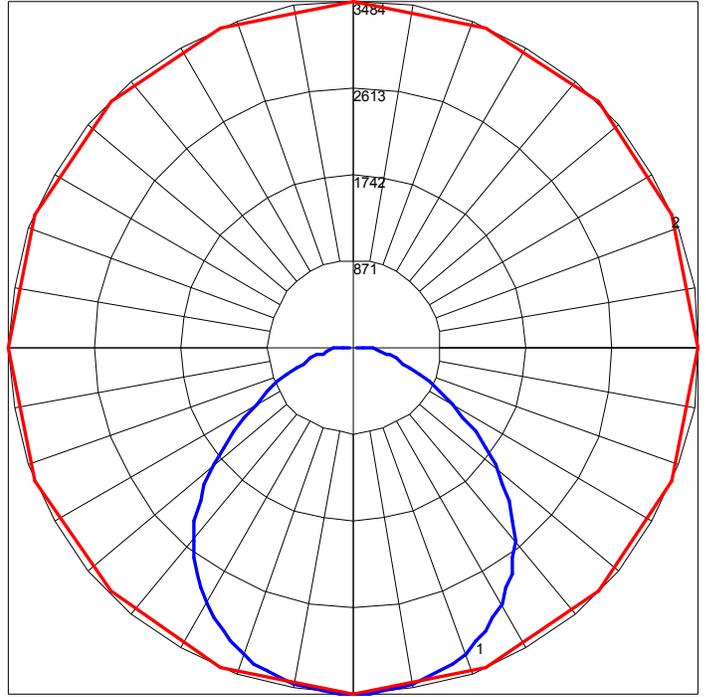|	
C2 - 6' Cord w/277V Nema Plug 16/3 15A **C3** - 10' Cord w/277V Nema Plug 16/3 20A **C4** - 6' Cord w/480V Nema Plug 16/3 20A **SMHBWG6** -Wire Guard 2x4 **IO** - Inboard/Outboard (2 lamp-2 lamp) **IO1** - Inboard/Outboard (1 lamp-2 lamp) **IO2** - Inboard/Outboard (1 Lamp, 3 Lamp) **FK14** - 1x4 Flange Kit	**FK22** - 2x2 Flange Kit **FK24** - 2x4 Flange Kit

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

HORIZON LINEAR LIGHTING
214.350.0591

2707 SATSUMA DRIVE
800.225.0727

DALLAS, TX 75229
WWW.HORIZONLIGHTINGLLC.COM

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.)