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|----------------|------|
| Catalog Number |      |
| Project        | Type |

## Features & Specifications

### Application

This fixture is designed for recessed ceiling mounting into drywall ceilings.

### Features

Optimized for T8 or T5 lamp performance. Computer-aided housing design allows for optimum luminaire efficiency. Cam action latches and die formed T-hinges for door insertion from either side.

### Construction

Housing constructed of structurally embossed, 22 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.

### Electrical System

ETL listed. Suitable for damp locations. Damp location emergency pack must be specified separately. Ballasts are solid-state electronic  $\leq 10\%$  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. Comes standard with ballast disconnects for safe maintenance.

### Finish

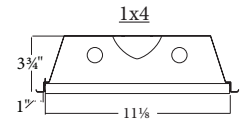
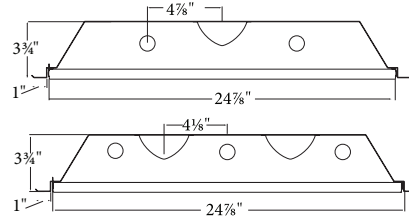
All reflective surfaces are finished with a high reflectance, lighting fixture white polyester powder.

## EF SERIES

## FLANGED TROFFER



### DIMENSIONS



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

### Ordering Nomenclature

Ex: (2X4 Flanged Troffer, 4 Lamps, F32T8, #12 Acrylic Pattern, .100" thick lens, White Flush Door, Multi-Volt = EF2432SWD)

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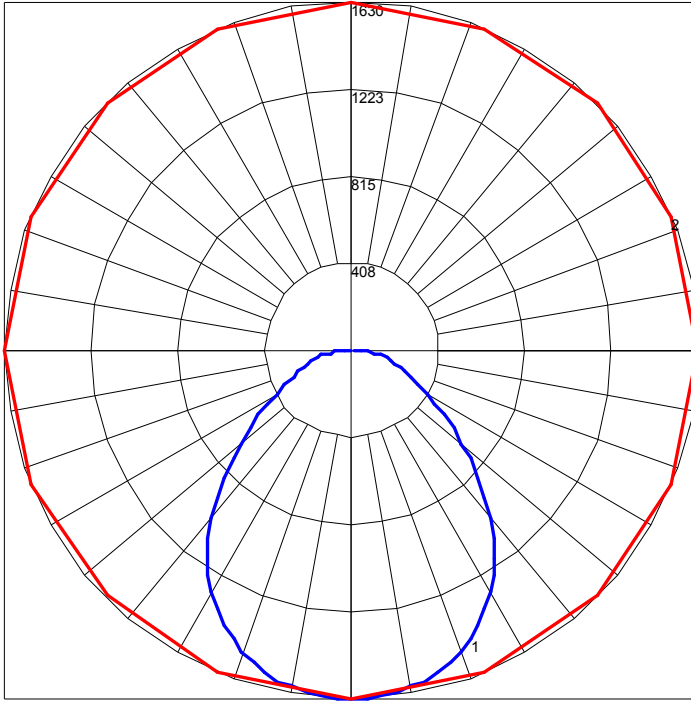
| SERIES   | NUMBER OF LAMPS | WATTAGE/TYPE                | AIR FUNCTION                      | DIFFUSER                    | DOOR FRAME                     | VOLTAGE        | BALLAST FACTOR | OPTIONS                           |
|----------|-----------------|-----------------------------|-----------------------------------|-----------------------------|--------------------------------|----------------|----------------|-----------------------------------|
| EF1 1X4  |                 | 17 - 17W T8, 24"            | BLANK                             | BLANK-#12 Acryl .100" thick | SW-Flush Steel White           | D - Multi-Volt | 10RS           | $\leq 10\%$ THD, Rapid Start      |
| EF2 2X4  | 2               | 25 - 25W T8, 24"            | - No Air Function                 | A -#12 Acrylic .125" thick  | AN-Flush Alum Natural          | 1 - 120V       | P              | Program Start                     |
| EF22 2X2 | 3               | U316 - 31W T8 U, 1 1/2" Leg | 1 - Air Supply /Return            | B -#12 Acrylic .156" thick  | AB -Flush Alum Matte Black     | 2 - 277V       | 20             | $\leq 20\%$ THD                   |
|          | 4               | CF39 - 39W TT5, 24"         | 2 - Heat Removal                  | C -#15 Acrylic .125" thick  | AW-Flush Alum White            | 3 - 347V       | EB5            | 500 Lumen T8 Emergency Ballast    |
|          |                 | CF40 - 40W TT5, 24"         | 3 - Dual Function Supply / Return | D -#15 Acrylic .140" thick  | RN -Regressed Alum Natural     | 4 - 480V       | EB7            | 700 Lumen T8 Emergency Ballast    |
|          |                 | CF50 - 50W TT5, 24"         |                                   | E - 1/2" Egg Crate          | RB -Regressed Alum Matte Black |                | EB14           | 1400 Lumen T8 Emergency Ballast   |
|          |                 | CF55 - 55W TT5, 24"         |                                   |                             | RW -Regressed Alum White       |                | EB30           | 3000 Lumen T8 Emergency Ballast   |
|          |                 | 1X4 and 2X4                 |                                   |                             |                                |                | EB5T5          | 500 Lumen T5 Emergency Ballast    |
|          |                 | 28T8 - 28W T8, 48"          |                                   |                             |                                |                | EB7T5          | 700 Lumen T5 Emergency Ballast    |
|          |                 | 28T5 - 28W T5, 46"          |                                   |                             |                                |                | EB14T5         | 1400 Lumen T5 Emergency Ballast   |
|          |                 | 30 - 30W T8, 48"            |                                   |                             |                                |                | IC             | Insulation Contact Rated          |
|          |                 | 32 - 32W T8, 48"            |                                   |                             |                                |                | FBF            | Fast-Blow Fuse                    |
|          |                 | 48HO - 60W 800mA, 48"       |                                   |                             |                                |                | SBF            | Slow-Blow Fuse                    |
|          |                 | 54 - F54T5HO, 46"           |                                   |                             |                                |                | 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)

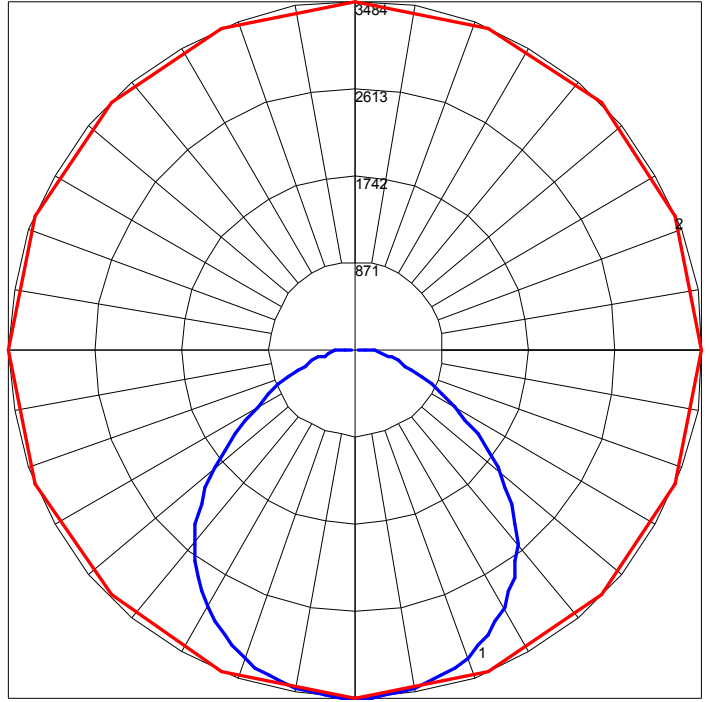
Energy Saving Tip!  
Our Occupancy Sensor option instantly turns lights on and off

POLAR GRAPH



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.)

POLAR GRAPH



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.)