



Catalog Number	
Notes	Type

Application

The Enclosed & Gasketed Fluorescent High Bay Fixture was designed as a high efficiency solution for sub-zero ambient environments found in cold storage and refrigerated facilities. The Enclosed & Gasketed fixture was designed to provide maximum performance with lamp and ballast systems that tolerate colder ambient temperatures. The fixture's superior lumen package is ideal for replacing traditional metal halide high bay systems. Benefits include high efficiency, 95% lumen maintenance, improved color rendering, extended lamp life, multi-level switching, instant on, dimming and improved uniformity. Suggested mounting heights from 15' – 40' with primary applications including cold storage, refrigerated facilities, and environments with temperatures as low as -29° C (-20° F). The swinging lens'd doorframe, as well as the easy to remove reflector, makes accessing the lamps or the ballasts easy.

Description

The full body assembly accommodates multiple optics utilizing T5 lamps. The Enclosed & Gasketed heavy duty 20 gauge housing exceeds code gauge steel and all components are post painted with a glossy, high reflectance white paint. Sockets include secure positioning rotating collars.

Reflector Optics

The Enclosed & Gasketed's superior beam spread optic covers from narrow aisle lighting to open area general lighting. The fixture comes with a 95% reflectance specular aluminum (SA) Miro®4 reflector, which have a 25 year warranty.

Electrical

All ballasts are class P rated and UL/CUL listed. Our ballasts are also thermally protected, sound rated and tightly secured by mounting bolts.

Finish

The baked white enamel finish is electrostatically applied and post painted with a glossy, highly reflective and durable white paint.

Enclosed & Gasketed Fluorescent T5 Series

Maintenance

No tools required for lamp and ballast access.

Installation

Suspension by chain, cable, hook or monopoint with appropriate accessories

Warranty

One year warranty against defect in manufacturing.

Listing

UL/CUL Listed - Suitable for damp locations.

Catalog Ordering Matrix

Family	Reflector Distribution	Lamp Quantity	Lamp Type	Voltage	Ballast Factor	Specific Ballast	Options
EG4 - 4' Enclosed & Gasketed	SA - Medium Distribution	4 6	54 - (T5HO 54W)	UNI - (120-277) 347 480	V - (T5HO)	Leave Blank - (TCP) GE - (GE) ADV - (Advance) ULT - (Universal) SYL - (Sylvania) Must provide ballast part number on order for specific ballast	(See Below)

OPTIONS

Power Cords

- 2P - 120V, 15A, 8' Power cord w/ straight blade plug
- 3P - 120V, 15A, 8' Power cord w/ twist lock plug
- 4T - 120V, 20A, 10' Power cord w/ twist lock plug
- 11P - 208V, 15A, 8' Power cord w/ straight blade plug
- 9T - 208V, 20A, 8' Power cord w/ twist lock plug
- 8P - 277V, 20A, 8' Power cord w/ straight blade plug
- 10P - 277V, 20A, 15' Power cord w/ straight blade plug
- 10T - 277V, 15A, 10' Power cord w/ twist lock plug
- 10T2 - 277V, 20A, 10' Power cord w/ twist lock plug
- 6C - 120V-300V rated 6' Power cord only. No plug
- 10C - 120V-300V rated 10' Power cord only. No plug
- 10C6 - 120V-600V rated 10' Power cord only. No plug
- 20C - 120V-300V rated 20' Power cord only. No plug
- 6W - 600V rated 6' flexible metal conduit fixture whip
- 6C4 - 120V-300V 6' Power cord only, 4 wire. No plug
- 20C4 - 120V-300V 20' Power cord only, 4 wire. No plug
- 8T - 480V, 20A, 8' Power cord w/ L8-20 twist lock plug

Occupancy Sensors

- TS1 - TCP Occupancy sensor w/bracket and interchangeable lenses, 120V, 277V, or 347V
- TS1C - TCP Cold Storage Occupancy Sensor w/bracket and interchangeable lenses, 120V, 277V, and 347V
- TS4 - TCP Occupancy Sensor w/bracket and interchangeable lenses, 480V
- TS4C - TCP Cold Storage Occupancy Sensor w/bracket and interchangeable lenses, 480V
- OS6 - Occupancy sensor w/ bracket for 15'+ mounting hgt.
- OS9 - Occupancy sensor w/ bracket for 15' mounting hgt.

Emergency Ballasts

- 20B3 - TCP 3000 LMS 90 min (T5)
- 20BL5 - TCP 800 LMS 90 min (T5)
- 20BL6 - TCP 1350 LMS 90 min (T5)
- B3 - 3000 LMS 90 min (T5)
- BL5 - 700 LMS 90 min (T5)
- BL6 - 1250 LMS 90 min (T5)

Emergency Ballast Notes:

Orders with an emergency ballast must include a note on the order indicating the number of lamps to be operated, which lamp(s) will be operated by the emergency ballast (i.e. 3rd lamp), and what voltage is to be used (i.e. 120V). See Emergency Ballast Spec Sheets for details.

Lamps Installed in Job Pack

- 830 - T5 Lamps
- 835 - T5 Lamps
- 841 - T5 Lamps
- 850 - T5 Lamps
- 865 - T5 Lamps

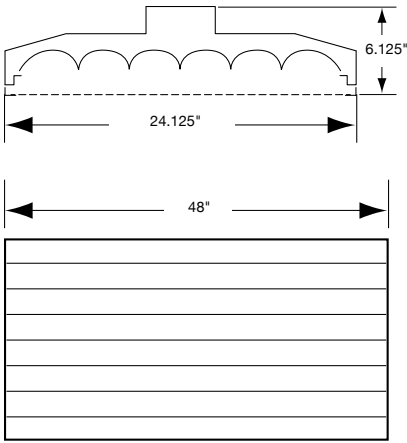
Special Mounting

- EZHANGER - 15' adjustable aircraft cable hanging kit
- 12Pendantkit - Mounting kit for 1/2" pendants
- 34Pendantkit - Mounting kit for 3/4" pendants
- LHKIT - Single Point Hook Mounting Kit complete

FBO – EcoVations will install supplied modular wire cords

† If a desired lamp and/or ballast is needed in an EcoVations linear fluorescent fixture, please provide a spec sheet when consulting with your local sales rep. The sales rep will provide a price to use the desired lamp and/or ballast.

Dimensions & Construction



Quality, cam-lock lampholders

Heavy Duty steel housing

Computer designed, CNC formed .020\"/>



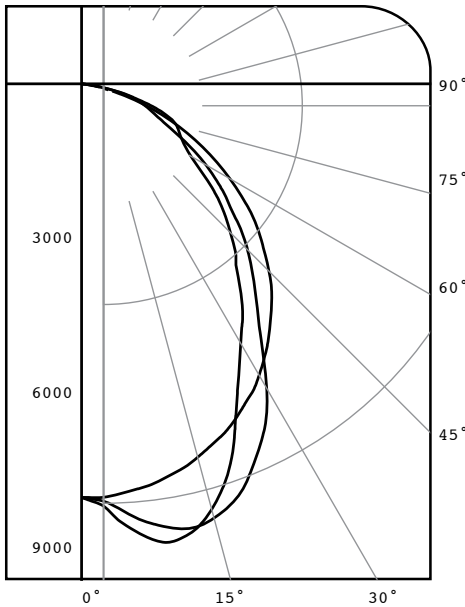
Hinged lens for easy access to lamps and reflector.

Ballasts operate at lower temperatures resulting in lower heat output

Photometric Report

Enclosed & Gasketed, 6-54W, 95% Specular Reflector, 5000 Lumens, 1.00 BF

Calculated using the zonal cavity method. Lamp configurations shown are typical. All data based on 25°C. Full photometric data on these and other configurations available upon request.



Candela Distribution

	0.0	22.5	45.0	67.5	90.0
0	8011	8011	8011	8011	8011
5	7985	8065	8252	8447	8504
15	7695	8313	8863	8901	8855
25	7122	8176	8000	7412	7084
35	6260	7241	6080	5573	5450
45	5145	5630	4557	4206	4092
55	3779	3618	3145	2847	2725
65	2275	2053	1763	1950	2069
75	840	767	1015	1107	1084
85	53	99	88	76	69
90	0	0	0	0	0

LEGEND:
 0-deg: - - - - -
 45-deg: _____
 90-deg: - - - - -

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixt.
0-30	6745	25.3	33.2
0-40	10620	39.8	52.3
0-60	17169	64.3	84.5
0-90	20312	76.1	100
90-180	0	0	0
0-180	20312	76.1	100

Total Luminaire Efficiency = 76.1%

Luminance Data in Candela/Square Meter

	0.0	45.0	90.0
45.0	10677	9457	8492
55.0	9668	8046	6971
65.0	7899	6121	7184
75.0	4762	5755	6146
85.0	892	1482	1162

Spacing Criteria (0-180) 1.2
 Spacing Criteria (90-270) 1.2
 Spacing Criteria (Diagonal) 1.24