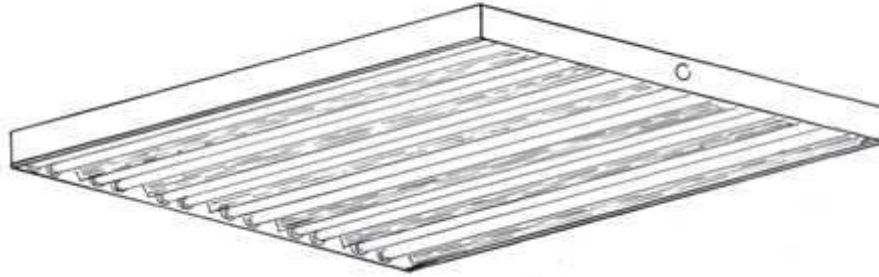


## **FHB14-12T8**

### **LINEAR FLUORESCENT HIGH BAY FIXTURE 12-LAMP T8**



#### **FIXTURE FEATURES**

- Highly efficient fluorescent fixture replaces HID in industrial and retail applications
  - Energy savings up to 35% over typical 1000 watt Metal Halide fixture
  - 94% lumen maintenance verses 65% for typical metal halide
  - Higher maintained lumens per watt. As high as 68 LPW verses 40 for typical metal halide fixture
  - Consistent color over life of lamp
  - Instant restrike
  - Generates approximately half the heat of the typical metal halide
  - Superior color rendering verses metal halide
  - Wide array of lamp color available
- Specifically designed for high mounting height and high ambient temperature environments
- Highly specular polished aluminum contoured reflectors focus light downward to provide high quality vertical footcandles
- All steel parts are white powder coated after assembly to prevent any sharp or exposed steel edges

#### **FIXTURE CONSTRUCTION**

Die-embossed, code gage steel construction

##### **REFLECTOR**

Contoured polished aluminum reflector provides 95% reflectance and extremely high efficiency

##### **FINISH**

All steel parts of the fixture are white powder coated after assembly eliminating sharp unpainted edges and corners

##### **BALLAST AND ELECTRICAL**

Ballasts are energy efficient electronic, thermally protected, automatic resetting, class P, high power factor and sound rated A. Lamp holders are positive stop locking type

##### **MOUNTING**

Fixture are standard with hanging brackets and can be hung by cable or chain and also strut mounted

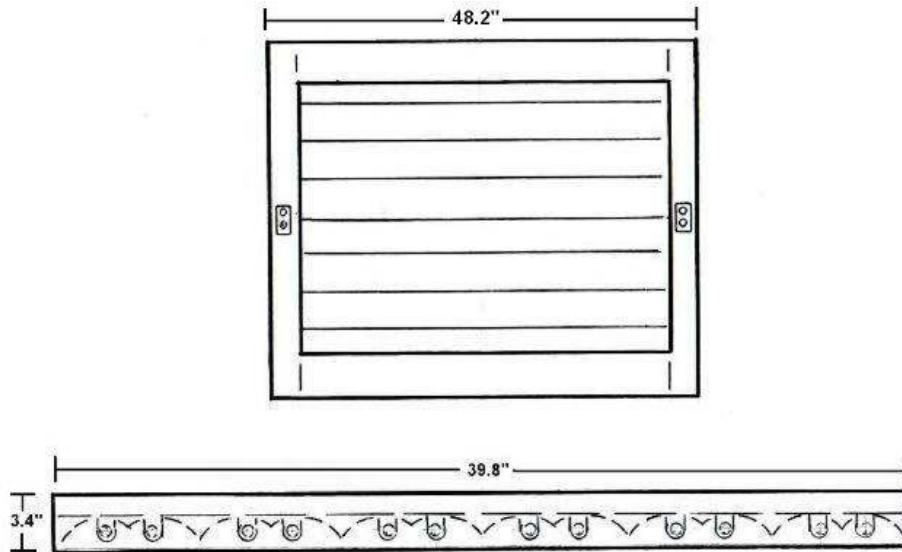
##### **LISTING**

ETL 3097700 listed, conforms to UL 1598. Certified to CSA C22.2 No. 250.0.

##### **OPTIONAL ACCESSORIES**

- 480 volt ballasts
- Cord without plug
- Cord with plug
- Hanging cable, "Y" type cable

## FIXTURE DIMENSIONS



## PHOTOMETRIC DATA

### Zonal Lumens Cone Between Lumens

0.0 0.0- 2.5 76.04  
 5.0 2.5- 7.5 581.39  
 10.0 7.5- 12.5 1115.77  
 15.0 12.5- 17.5 1570.26  
 20.0 17.5- 22.5 2024.18  
 25.0 22.5- 27.5 2361.32  
 30.0 27.5- 32.5 2567.88  
 35.0 32.5- 37.5 2593.64  
 40.0 37.5- 42.5 2478.92  
 45.0 42.5- 47.5 2361.19  
 50.0 47.5- 52.5 2272.42  
 55.0 52.5- 57.5 2160.86  
 60.0 57.5- 62.5 1998.95  
 65.0 62.5- 67.5 1817.86  
 70.0 67.5- 72.5 1517.88  
 75.0 72.5- 77.5 1156.78  
 80.0 77.5- 82.5 756.53  
 85.0 82.5- 87.5 354.74  
 90.0 87.5- 92.5 92.19

### Average Luminaire Luminance (cd/m<sup>2</sup>):

0 10893.89 10893.89 10893.89  
 45 10049.75 6472.48 5355.65  
 50 9643.45 5566.24 6078.76  
 55 9331.68 5409.23 6661.82  
 60 8810.00 5863.99 7030.77  
 65 8556.00 6067.50 7353.09  
 70 7982.59 6521.40 6972.67  
 75 6987.64 6270.63 6520.14  
 80 6062.93 5434.68 5821.36  
 85 4986.45 3947.40 4447.54

### Coefficients of Utilization - Zonal Cavity Method:

pfc = 0.20  
 pcc .8 .7 .5  
 pw .7 .5 .3 .1 .7 .5 .3 .1 .5 .3 .1  
 RCR  
 0 102 102 102 102 99 99 99 99 95 95 95  
 1 93 89 85 81 90 87 83 80 83 80 78  
 2 84 77 71 66 82 76 70 66 72 68 64  
 3 77 68 61 55 75 67 60 55 64 58 54  
 4 71 60 53 47 69 59 52 47 57 51 46  
 5 65 54 46 41 63 53 46 40 51 45 40  
 6 60 49 41 36 59 48 41 36 46 40 35  
 7 56 44 37 32 54 44 37 32 42 36 31  
 8 52 41 33 28 51 40 33 28 39 33 28  
 9 49 37 30 26 48 37 30 26 36 30 25  
 10 46 35 28 23 45 34 28 23 33 27 23