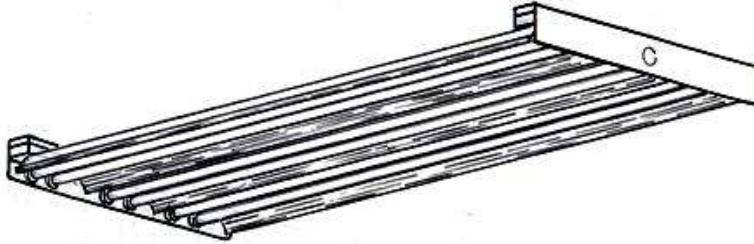


## FHB14-6T8

### LINEAR FLUORESCENT HIGH BAY FIXTURE 6-LAMP T8



#### FIXTURE FEATURES

- Highly efficient fluorescent fixture replaces HID in industrial and retail applications
  - Energy savings up to 50% dependent on application
  - 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

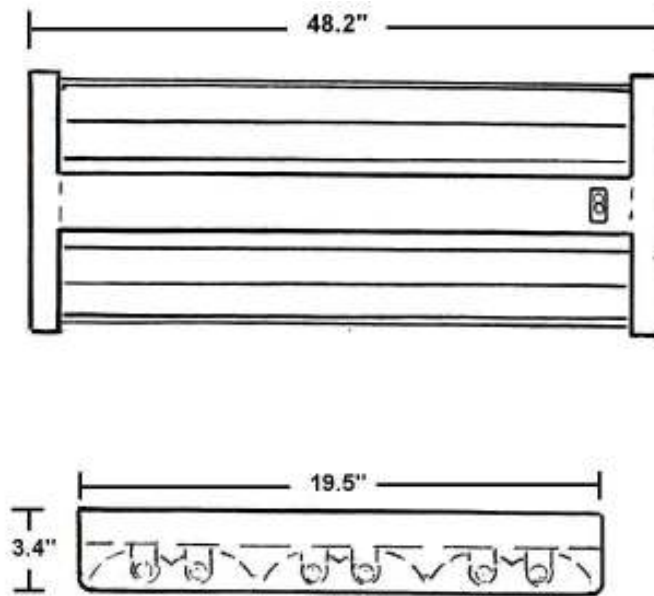
#### LISTING

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

#### OPTIONAL ACCESSORIES

- Pendant mounting hardware
- Wire guard
- Hinged door with clear acrylic lens
- Hinged door with clear acrylic lens and integral wire guard

## FIXTURE DIMENSIONS



## PHOTOMETRIC DATA

### Zonal Lumens Cone Between Lumens

0.0	0.0- 2.5	41.00
5.0	2.5- 7.5	298.05
10.0	7.5- 12.5	564.08
15.0	12.5- 17.5	791.34
20.0	17.5- 22.5	1004.66
25.0	22.5- 27.5	1177.93
30.0	27.5- 32.5	1294.18
35.0	32.5- 37.5	1293.31
40.0	37.5- 42.5	1250.56
45.0	42.5- 47.5	1172.33
50.0	47.5- 52.5	1134.62
55.0	52.5- 57.5	1083.70
60.0	57.5- 62.5	996.65
65.0	62.5- 67.5	909.86
70.0	67.5- 72.5	753.61
75.0	72.5- 77.5	572.73
80.0	77.5- 82.5	369.51
85.0	82.5- 87.5	180.22
90.0	87.5- 92.5	44.11

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

0	45	90
0	11859.05	11859.05 11859.05
45	9992.25	6316.21 5310.26
50	9745.09	5541.84 5898.36
55	9079.55	5234.98 6392.71
60	8870.56	5589.60 6547.73
65	8529.97	5962.51 6990.22
70	7951.81	6085.76 6437.73
75	7401.35	5606.90 5704.05
80	5941.71	4781.61 4987.61
85	5021.55	3417.47 3450.36

### 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	73	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	41	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	26