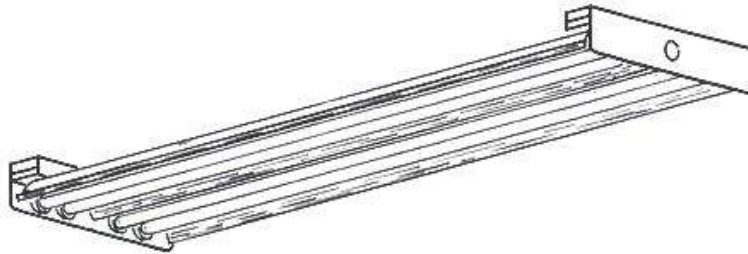


## **FHB14-4T5HO**

### **LINEAR FLUORESCENT HIGH BAY FIXTURE 4-LAMP T5HO**



#### **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

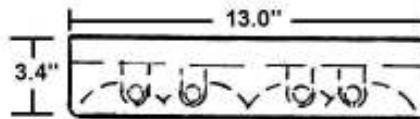
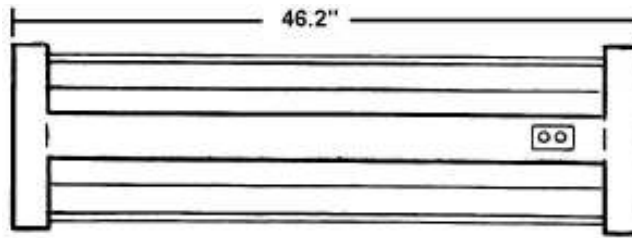
#### **LISTING**

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	40.70
5.0	2.5- 7.5	342.79
10.0	7.5- 12.5	704.11
15.0	12.5- 17.5	1053.07
20.0	17.5- 22.5	1370.08
25.0	22.5- 27.5	1577.89
30.0	27.5- 32.5	1648.81
35.0	32.5- 37.5	1598.04
40.0	37.5- 42.5	1519.39
45.0	42.5- 47.5	1394.24
50.0	47.5- 52.5	1279.93
55.0	52.5- 57.5	1184.20
60.0	57.5- 62.5	1109.18
65.0	62.5- 67.5	1019.73
70.0	67.5- 72.5	922.87
75.0	72.5- 77.5	765.39
80.0	77.5- 82.5	501.48
85.0	82.5- 87.5	203.86
90.0	87.5- 92.5	22.73

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

0	45	90
0	17829.68	17829.68 17829.68
45	18430.79	10464.98 8059.61
50	18194.35	8605.29 8127.15
55	17388.38	7705.70 9402.10
60	17256.29	7815.87 10506.75
65	16318.24	8728.77 11679.36
70	15075.86	9939.20 12800.15
75	12915.96	11091.40 12059.68
80	10285.25	9726.98 8811.80
85	7723.07	5180.98 3992.85

### 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	108	108	108	108	106	106	106	106	101	101	101
1	99	94	90	87	96	92	89	85	88	85	83
2	90	82	76	71	88	81	75	70	77	73	69
3	82	73	65	60	80	71	64	59	69	63	58
4	76	65	57	51	73	64	56	51	61	55	50
5	70	58	50	44	68	57	50	44	55	49	44
6	65	53	45	39	63	52	44	39	50	44	39
7	60	48	40	35	59	47	40	35	46	39	34
8	56	44	37	31	55	43	36	31	42	36	31
9	53	41	33	28	51	40	33	28	39	33	28
10	49	38	31	26	48	37	30	26	36	30	26