



THE POWER OF CLEAN EFFICIENT LIGHT



12-LAMP T5HO HIGH BAY FIXTURE

The FHB14-12T5HO is a T5HO lighting fixture designed to replace HID products in commercial, industrial, retail, and sports environments. The fixture provides highly efficient lighting with extreme power saving capabilities. The fixture profile, features, and simple mounting process make the FHB14-12T5HO a perfect choice for the contractor and end user.

PROGRAMMED START ELECTRONIC BALLAST

The FHB14-12T5HO comes complete with energy efficient programmed start electronic ballasts. The ballasts are Class P type (thermal protection), Class A sound rated and minimum starting temperature of -20/-29 (F/C).

LISTING

The FHB14-12T5HO is certified cETLus for installations in the U.S. or Canada. The fixture is certified to CSA C22.2 No.250.0 and conforms to UL 1598.

OPTIONAL ACCESSORIES:

- Steel wire guard
(WG-HB-2-1254-WG)
- Motion sensor
(HB-350-B-L3-L4)

FHB14-12T5HO

Linear Fluorescent High Bay
12-Lamp, T5HO (54-watt)

FEATURES & BENEFITS

- A 6-ft. power cord is included as standard with every fixture. The power cord is pre-wired to a ballast disconnect and is provided complete with strain relief. Optional plugs are offered as a factory installed option.
- Adjustable aircraft cable type hanging cable is included with every fixture. Two, 10-ft long adjustable (tool less) aircraft cables are included with each fixture for easy and quick mounting.
- Lamps can be ordered as an option.
- Fixture frame is constructed for heavy-duty installation.
- Quick access wiring door is standard on each fixture.
- Post Painted Powder Coating standard.
- Single Knockout End: 7/8" knockouts available for occupancy sensor mounting or power entry.
- Highly reflective polished aluminum reflector is standard on all fixtures.
- Top mounted ballast housings provide for cool operation.
- Plastic reflector coating removed at factory prior to shipping.

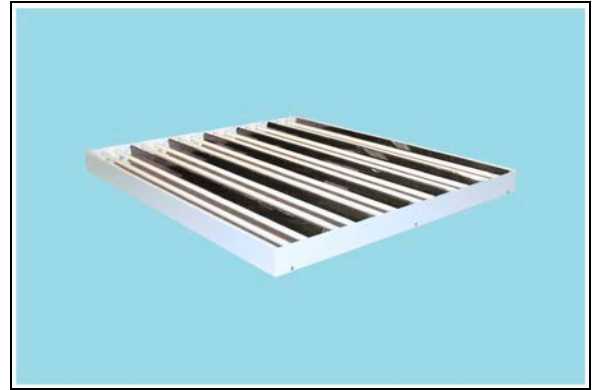
FIXTURE DIMENSIONS:

<u>Length</u>	<u>Width</u>	<u>Depth</u>	<u>Weight</u>
46.2-in	39.8-in	3.4-in	30-lbs

All dimensions are inches. Specifications subject to change without notice.



Fixture top side



Fixture bottom side

PHOTOMETRIC DATA:

Zonal Lumens Cone Between Lumens:

0.0	0.0- 2.5	132.56
5.0	2.5- 7.5	1022.17
10.0	7.5- 12.5	2090.93
15.0	12.5- 17.5	3143.21
20.0	17.5- 22.5	4056.44
25.0	22.5- 27.5	4692.98
30.0	27.5- 32.5	4897.19
35.0	32.5- 37.5	4825.46
40.0	37.5- 42.5	4574.97
45.0	42.5- 47.5	4200.31
50.0	47.5- 52.5	3857.12
55.0	52.5- 57.5	3561.64
60.0	57.5- 62.5	3353.83
65.0	62.5- 67.5	3061.05
70.0	67.5- 72.5	2774.17
75.0	72.5- 77.5	2316.45
80.0	77.5- 82.5	1519.58
85.0	82.5- 87.5	599.90
90.0	87.5- 92.5	66.37

Average Luminaire Luminance (cd/m²):

0	45	90
0	18990.80	18990.80 18990.80
45	17900.67	11001.02 8457.17
50	17821.40	9299.54 8830.09
55	17347.25	8258.10 10009.26
60	17100.71	8514.18 11359.85
65	15665.94	9561.11 13331.24
70	14274.55	11398.70 15137.03
75	12858.92	12718.37 15212.29
80	9893.75	12083.27 12043.61
85	7376.70	6948.59 6466.97

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	68
3	82	73	65	59	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	43
6	65	53	45	39	63	52	44	39	50	43	38
7	60	48	40	35	59	47	40	35	46	39	34
8	56	44	36	31	55	43	36	31	42	36	31
9	53	41	33	28	51	40	33	28	39	33	28
10	49	38	30	26	48	37	30	26	36	30	26