

FLUORESCENT HIGH BAY TRAPEZOID FIXTURE

MFHBT

Application

Ideal HID High/Low Bay Replacement for cold, high dust, or lamp protected.

Construction

Reflectors: Precision formed, high performance, 95% total reflectance specular reflector, warranted for 25 years or 91% total reflectance white pre-painted aluminum.

Body: Body, ends and brackets are manufactured from code gauge cold rolled steel and have white baked enamel finishes. The body of fixture is constructed for additional strength and reduction of air infiltration.

Ballast: Standard ballast are high performance electronic, Class P, non PCB, sound rated A, UL certified.

Mounting: fixture may be suspended by chain or aircraft grade steel cable.



Electrical

UL listed wire rated for required temperature and

Warranty

One year standard warranty on fixture. Ballast carries 3-5 year manufacture warranty.

Options

Slide-in lens or Door, Lamps, Aircraft Wire Hanger, Sensors, Cord and Plug. 347 and 480v Package. (See available options)

Features

- Optional Slide-in or Hinged Lens
- Total Luminaire Efficiency: 85.1%
- Spacing Criteria 0-Deg: 1.2, 90-Deg:1.2
- Available in both T8 and T5
- Factory supplied lamps are available in various CRI ratings, temperature colors and rated life Ballast and wiring access
- Ballast and wiring access without the use of tools.
- Instant Restrike
- Dimming/Occupancy sensor compatible

Ordering Information

Use the Flow chart below to configure the part number. Actual part number may vary due to configuration.

MFHBT	Type HBT High Bay Trapezoid Fixture
	Number of Lamps Req'd 44 - 4-4', 64 - 6-4', 84 - 8-4'
	Ballast T8H - T8 "H" (120-277v) T8N - T8 "N" (120-277v) T5H - T5 "H" (120-277v) * 347 and 480v see options
	Reflector Material W - White pre painted aluminum 91% TR U - Ultimate aluminum 95% TR
	Sensor <input type="checkbox"/> - All Lamps <input type="checkbox"/> - Portion of Lamps
	Options See Options Sheet <input type="checkbox"/> - Slide-in or Door w/Clear Lens <input type="checkbox"/> Freezer Package <input type="checkbox"/> - Cord <input type="checkbox"/> - Plug <input type="checkbox"/> - Hanging Method <input type="checkbox"/> - Wireguard <input type="checkbox"/> - Tube Guards <input type="checkbox"/> - 347/480v Package

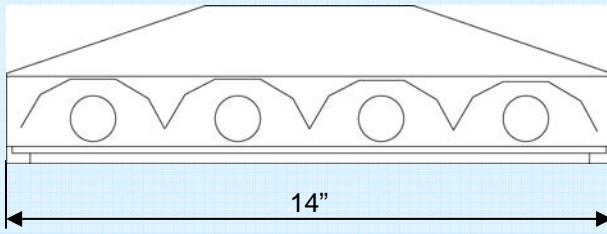
Photometrics

Coefficient of Utilization

4 FO32 Fixture Report No Lens

RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	101	101	101	101	99	99	99	99	95	95	95	91	91	91	87	87	87	85
1	93	90	86	83	91	88	85	82	84	82	80	81	79	77	78	76	75	73
2	86	79	74	70	84	78	73	69	75	71	67	72	69	66	69	67	64	62
3	79	71	64	59	77	69	63	59	67	62	57	64	60	57	62	59	56	54
4	72	63	56	51	71	62	55	50	60	54	50	58	53	49	56	52	48	46
5	66	56	48	43	65	55	48	43	53	47	42	51	46	42	50	45	41	40
6	61	50	43	37	60	49	42	37	48	42	37	46	41	37	45	40	36	35
7	56	45	38	33	55	44	37	33	43	37	32	42	36	32	41	36	32	30
8	52	40	33	28	51	40	33	28	39	32	28	38	32	28	37	32	28	26
9	48	36	29	25	47	36	29	24	35	29	24	34	28	24	33	28	24	22
10	44	33	26	22	43	33	26	22	32	26	22	31	25	21	30	25	21	20

Specifications



ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0- 30	3061	24.7	29.0
0- 60	8557	69.1	81.1
0- 90	10554	85.1	100.0
90-180	0	0.0	0.0
0-180	10554	85.1	100.0

Total Fixture Efficiency: 85.1%

