

HIGH BAY TRAPEZOID 15" 6-LAMP T8 FIXTURE MFHBTO156T8U

Application

Ideal replacement for High Bay fixtures.

Construction

Reflectors: Precision formed, high performance, 95% total reflectance specular reflector, warranted for 25 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 hung with aircraft grade steel cable or chain.



Electrical

UL listed wire rated for required temperature and voltage. Lamps are secured with twist-locking sockets.

Warranty

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

Options

Lamps, Aircraft Cable Hanging, Sensors, Cord, Plug and Wire Guard, 347v and 480v Transformer. (See available options)

Features

- Total Luminaire Efficiency: 81.2%
- Spacing Criteria 0-Deg: 1.37 , 90-Deg: 1.34
- Factory supplied lamps are available in various CRI ratings, temperature colors and rated life.
- 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.

MFHBTO	Type HBTO High Bay Open Trapezoid Fixture
	Size and Number of Lamps Required 156 - 15" wide, 6-4' Lamps
	Ballast T8H - T8 "H" (120-277v) * 347 and 480v see options
	Reflector Material U - Ultimate aluminum 95% TR
	Sensor <input type="checkbox"/> All Lamps <input type="checkbox"/> Portion of Lamps
	Options See Options Sheet <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 Transformer Package

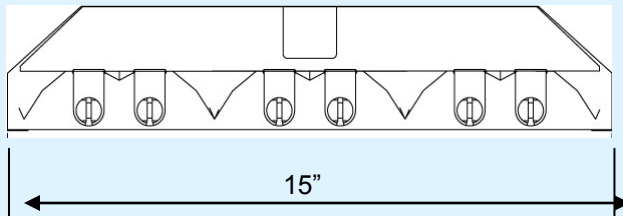
Photometrics

Coefficient of Utilization

6 FO32 Fixture Report

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	96	96	96	96	94	94	94	94	90	90	90	86	86	86	82	82	82	81
1	88	84	80	77	86	82	79	76	78	76	73	75	73	71	72	71	69	67
2	80	73	67	63	78	71	66	62	69	64	60	66	62	59	63	60	58	56
3	73	64	57	52	71	63	57	52	60	55	51	58	54	50	56	52	49	47
4	66	57	49	44	65	56	49	44	54	48	43	52	47	42	50	45	42	40
5	61	51	43	38	59	50	43	38	48	42	37	46	41	37	45	40	36	35
6	56	45	38	33	55	45	38	33	43	37	33	42	36	32	41	36	32	30
7	52	41	34	29	51	41	34	29	39	33	29	38	33	29	37	32	28	27
8	49	38	31	26	47	37	30	26	36	30	26	35	29	25	34	29	25	24
9	45	34	28	23	44	34	28	23	33	27	23	32	27	23	31	26	23	21
10	42	32	25	21	41	31	25	21	31	25	21	30	24	21	29	24	21	19

Specifications



ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	3871	22.2	27.4
0-60	11084	63.7	78.5
0-90	14113	81.1	99.9
90-180	11	0.1	0.1
0-180	14125	81.2	100

Total Fixture Efficiency: 81.2%

