

HIGH BAY TRAPEZOID 10" 4 LAMP T5 FIXTURE MFHBTO104T5



Application

Ideal replacement for High Bay fixtures.

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 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: 87.4%
- Spacing Criteria 0-Deg: 1.48, 90-Deg:1.51
- 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 HBTO10 High Bay Trapezoid Fixture 10" Wide
	Number of Lamps Req'd 44 - 4-4'
	Ballast 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"/> - 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

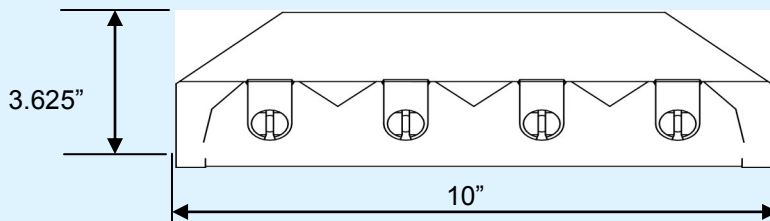
Photometrics

Coefficient of Utilization

4 FO54 Fixture Report

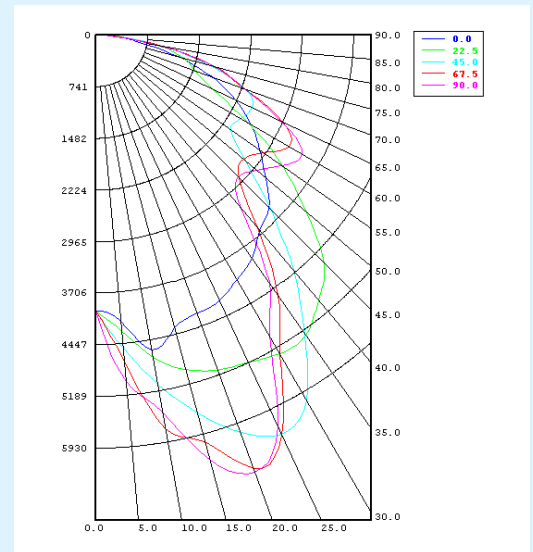
RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	104	104	104	104	101	101	101	101	97	97	97	93	93	93	89	89	89	87
1	94	90	86	82	92	88	84	81	84	81	78	80	78	76	77	75	73	72
2	85	77	71	66	83	76	70	65	73	68	64	70	66	62	67	64	61	59
3	77	68	60	54	75	66	59	54	64	58	53	61	56	52	59	55	51	49
4	71	60	52	46	68	58	51	45	56	50	45	54	48	44	52	47	43	41
5	65	53	45	39	63	52	44	39	50	43	38	48	43	38	47	42	37	36
6	60	48	40	34	58	47	39	34	45	38	33	44	38	33	42	37	33	31
7	55	43	35	30	54	42	35	30	41	34	29	40	34	29	39	33	29	27
8	51	39	32	26	50	39	31	26	38	31	26	36	30	26	35	30	26	24
9	48	36	29	24	47	35	28	24	34	28	23	33	28	23	33	27	23	22
10	45	33	26	21	44	33	26	21	32	26	21	31	25	21	30	25	21	19

Specifications



ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	4632	23.2	26.5
0-60	13013	65.1	74.4
0-90	17478	87.4	99.9
90-180	10	0.1	0.1
0-180	17488	87.4	100

Total Fixture Efficiency: 87.4%



Harris Lighting
Innovative Efficient Solutions