

MHB FLUORESCENT HIGH BAY T5



FEATURES

- INSTANT RESTRIKE
- NO COLOR SHIFT
- IMPROVED UNIFORM ILLUMINATION
- HIGHER CRI
- HIGHER VERTICAL FOOTCANDLES
- REPLACE UP TO 400 WATT HID
- DIMMING OCCUPANCY SENSOR AND EMERGENCY OPTIONS AVAILABLE
- IMPROVED LUMEN MAINTENANCE
- EXTENDED LAMP LIFE
- 480 VOLT OPTION

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T5 54 watt Lamps

Electronic
Ballast
120 - 120V
277 - 277V
480 - 480V

Options:

A - Wiring access box
C1 - Cord only
C2 - 120v cord & plug
C3 - 277v cord & plug
E - Emergency ballast
J - Single point mount

L - Clear Lens
O - Occupancy sensor
P - Pattern 12 lens
S - Chain hang kit
W - Wire guard

APPLICATION

Energy efficient T5 fluorescent alternative to Low Bay and High Bay lighting.

Replace existing HID lighting in retail, industrial, open and stack aisle applications.

Suitable for double pendant or single pendant with access box, chain mount with Y-hangers.

CONSTRUCTION

Body and end caps are code gauge aluminum painted white. Custom colors available.

End caps are riveted to housing for strength and rigidity.

Top mounted heavy gauge electrical access box option for single pendant mount.

Precision formed 95% reflective aluminum reflectors are held in place with quarter turnlocks.

No tools required for lamp or ballast access.

Housing ballast chamber vented for extended ballast life.

Only quality name brand electronic ballasts are used.

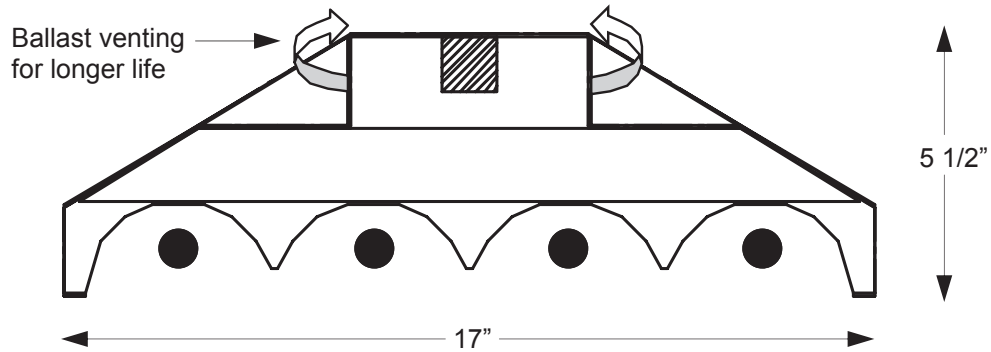
MHB fixtures and electrical components are U.L. listed.

Mor-Lite, Inc.

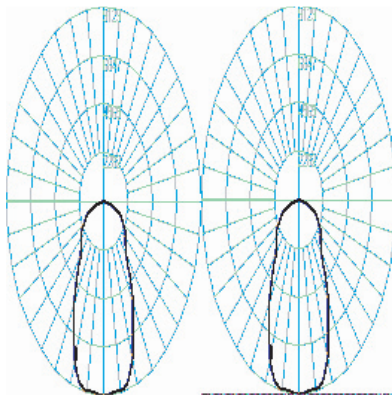
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MHB-454
 Efficiency = 105.3%
 Spacing 0 DEG. = 1.26
 Spacing 90 DEG. = 1.0



Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	6792.60	37.70	35.80
0-40	10386.66	57.70	54.80
0-60	16066.06	89.30	84.70
0-90	18958.66	105.30	100.00
90-120	0.00	0.00	0.00
90-130	0.00	0.00	0.00
90-150	0.00	0.00	0.00
90-180	0.00	0.00	0.00
0-180	18958.66	105.30	100.00

Total Luminaire Efficiency = 105.30%

High Bay Replacement Guide - Quick Reference

MHB System	MHB 4x54 T5 HO, 234 W				MHB 4x54 T5 HO, 234 W			
	6 FT. WIDE STACK AISLE				OPEN AREA			
Application								
Fixture Spacing	15	20	25	30	15	20	25	30
	Maintained Footcandles*				Maintained Footcandles*			
50' High	18	15	12	8	58	33	20	18
40' High	24	18	15	12	66	36	23	20
30' High	35	27	21	17	72	40	26	23
20' High	54	42	33	25	78	45	28	25

* T5 MHB calculations based on T5 HO lamps at 4,500 lumens

* Horizontal Footcandles at 2.5 Feet.

Actual results may vary up or down depending on several factors