

# FLUORESCENT HIGH BAY ENCLOSED FIXTURE

With sealed dust reduction hood  
**MFHBE**

## 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 voltage. Lamps are secured with twist-locking sockets.

## Warranty

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

## Options

Hinged Doorframe, Lens, Wire guard, Sealed dust reduction hood, Freezer Package, Motion or Daylight Sensors, Gripple, Cord, Plug, Ballast, and Lamps. (See available options)

## Features

- Optional Hinged Lens
- Optional Sealed dust reduction hood
- Total Luminaire Efficiency: 80.7%
- Spacing Criteria 0-Deg: 1.3, 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.

<b>MFHBE</b>	<b>Type HBE</b> High Bay Enclosed Fixture
	<b>Number of Lamps Req'd</b> 44 - 4-4', 64 - 6-4', 84 - 8-4'
	<b>Ballast</b> T8H - T8 "H" (120-277v) T8N - T8 "N" (120-277v) T5H - T5 "H" (120-277v) * 347 and 480v see options
	<b>Reflector Material</b> W - White pre painted aluminum 91% TR U - Ultimate aluminum 95% TR
	<b>Sensor</b> <input type="checkbox"/> - All Lamps <input type="checkbox"/> - Portion of Lamps
	<b>Options See Options Sheet</b> <input type="checkbox"/> - Hinged Door w/Clear Lens <input type="checkbox"/> Sealed dust reduction hood <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

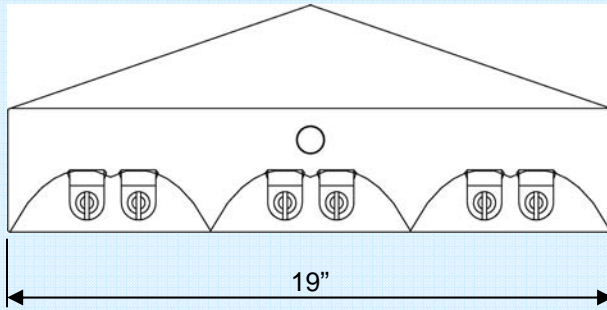
## Photometrics

### Coefficient of Utilization

6 FO32 Fixture Report No Lens

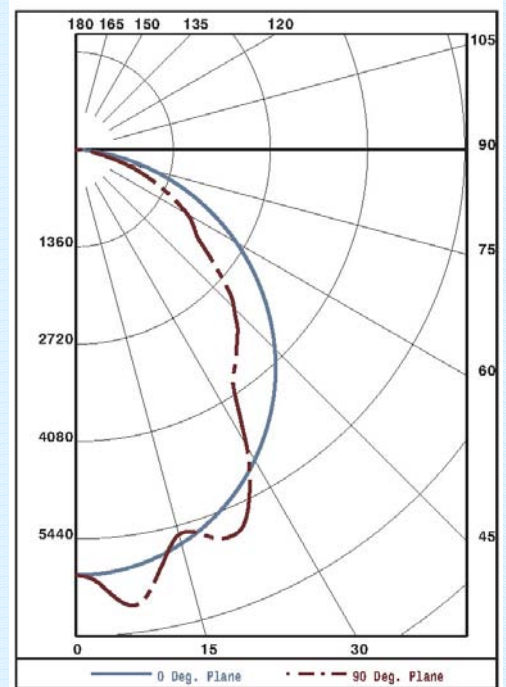
RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	96	96	96	96	94	94	94	94	90	90	90	86	86	86	82	82	82	81
1	89	86	83	80	87	84	81	79	81	78	76	78	76	74	75	73	72	70
2	82	76	71	67	80	75	70	67	72	68	65	69	66	64	67	64	62	61
3	76	68	62	58	74	67	61	57	65	60	56	62	58	55	60	57	54	53
4	70	61	54	50	68	60	54	49	58	53	49	56	52	48	54	51	47	46
5	64	54	47	42	62	53	47	42	52	46	42	50	45	41	49	44	41	39
6	59	49	42	37	58	48	42	37	47	41	37	45	40	36	44	40	36	34
7	55	44	37	33	53	43	37	32	42	36	32	41	36	32	40	35	32	30
8	50	40	33	28	49	39	33	28	38	32	28	37	32	28	36	31	28	26
9	46	36	29	25	45	35	29	25	34	29	25	33	28	24	33	28	24	23
10	43	32	26	22	42	32	26	22	31	26	22	31	25	22	30	25	22	20

## Specifications



ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0- 30	4764	25.6	31.7
0- 60	12523	67.3	83.4
0- 90	15018	80.7	100.0
90-180	0	0.0	0.0
0-180	15018	80.7	100.0

**Total Fixture Efficiency: 80.7%**



**Harris Lighting**  
Innovative Efficient Solutions