

## Open High Bay Series Fixtures

**Applications:** Warehouses, Manufacturing Plants, Storage Facilities, Food Preparation Facilities and Gymnasiums; venues with 15ft to 40ft Mounting Height.



Available in 4-Lamp, 6-Lamp and 8-Lamp

Open High Bay Fixtures are designed to replace 250-400 Watt Fixtures for commercial, retail and institutional applications as an alternative replacement of HID (High Intensity Discharge) and MH (Metal Halide) lighting systems.

Improvements in fluorescent lamp technology have made fluorescent an attractive alternative to more commonly used HID fixtures.

Open High Bay Fixtures are available in 4-Lamp, 6-Lamp and 8-Lamp configuration in either 32 Watt T8 high light output electronic ballast or 54 Watt T5HO.

These fluorescent fixtures ensure a balance of performance, energy savings, comfort, lighting quality and ease of maintenance, at a cost-effective price.

**Housing:** Open High Bay Fixture housing and ends are constructed from die formed steel, embossed for strength and uniformity. The heavy-duty ends attach to the fixture housing with interlocking tabs and rivets for strength and durability.

All painted metal parts are pre-treated with a phosphate bonding process and painted with electrostatically applied high temperature baked white enamel for superior quality and durability.

Reflectors are fabricated from highly polished anodized aluminum. Material form, fit and thickness meet or exceed all UL 1570 requirements.

New "Programmed Rapid Start" ballast technology for fluorescent lamps significantly improve the life of fixtures that are switched on and off frequently.

### Electrical:

- UL 1598 approved and CUL
- NEC required quick ballast disconnect
- Universal 120-277 Voltage
- 480v Voltage available by custom order
- Name brand electronic CEE listed NMEA premium ballast
- T8 fixtures include instant start ballast
- T5HO fixtures include program start ballast
- Emergency ballast options
- Occupancy Sensors and Photocell Sensors available
- Custom specified ballast configurations available

### Features:

- Economical
- Tool-less ballast access
- Designed to dissipate heat
- 25 year warranty on reflector
- Simple add-ons available
  - Wireguards
  - Sensors
  - Hanging options
  - Pull cords
  - Whips

### Benefits:

- Computerized design provides maximum light output, uniform light distribution, rigid strength
- tool-less access to the ballast
- Reflectors have a minimum of 93 percent Image Clarity (D/I) and 95 percent Reflectivity (TR)
- The durable surface is highly resistant to scratching and non-abrasive cleaning solutions, making the reflector easy to clean

### Advantages over an HID system:

- Use less energy while increasing light levels
- Better color rendering
- Can be used with a motion sensor or photocell
- Re-strike time is instant



Made in USA

### COMMERCIAL LIGHTING COMPANY

Manufacturing & Assembly | Fluorescent Lighting Fixtures & Retrofit Kits

4930 Leary Avenue NW | Seattle, WA 98107  
800-992-5483 toll free | 206-682-6385 office | 206-624-6163 fax

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## Open High Bay Series Fixtures

### Open High Bay T8 & T5HO Fixture Ordering Guide | Fixture Dimension: 16" x 48" x 4"

OHB	Lamp Type	Lamps/ Fixture	Watts	Reflector	Voltage	Ballast*	Wireguard	Sensor**
Open High Bay	T5HO T8	4 = 4-Lamp 6 = 6-Lamp 8 = 8-Lamp	32 = 32 Watt 54 = 54 Watt	EA = 95%	UNIV = (120v to 277v)	HLO = T8 HLO = T5HO	WG = Yes or None	OCC = Yes or None
<b>OHB</b>					480v			

Product Name	Type	Series	Lamp Type	Lamps/ Fixture	Watts	Reflector	Voltage	Ballast*	Wireguard	Sensor**
OHBT8432EAUHLWGOCC	Fixture	Economy	T8	4-Lamp	32 Watt	EA	UNIV	HLO	WG	OCC
OHBT8432EAUHL0OCC	Fixture	Economy	T8	4-Lamp	32 Watt	EA	UNIV	HLO	None	OCC
OHBT8432EAUHLWGW	Fixture	Economy	T8	4-Lamp	32 Watt	EA	UNIV	HLO	WG	None
OHBT8432EAUHL0	Fixture	Economy	T8	4-Lamp	32 Watt	EA	UNIV	HLO	None	None
OHBT8632EAUHLWGOCC	Fixture	Economy	T8	6-Lamp	32 Watt	EA	UNIV	HLO	WG	OCC
OHBT8632EAUHL0OCC	Fixture	Economy	T8	6-Lamp	32 Watt	EA	UNIV	HLO	None	OCC
OHBT8632EAUHLWGW	Fixture	Economy	T8	6-Lamp	32 Watt	EA	UNIV	HLO	WG	None
OHBT8632EAUHL0	Fixture	Economy	T8	6-Lamp	32 Watt	EA	UNIV	HLO	None	None
OHBT8832EAUHLWGOCC	Fixture	Economy	T8	8-Lamp	32 Watt	EA	UNIV	HLO	WG	OCC
OHBT8832EAUHL0OCC	Fixture	Economy	T8	8-Lamp	32 Watt	EA	UNIV	HLO	None	OCC
OHBT8832EAUHLWGW	Fixture	Economy	T8	8-Lamp	32 Watt	EA	UNIV	HLO	WG	None
OHBT8832EAUHL0	Fixture	Economy	T8	8-Lamp	32 Watt	EA	UNIV	HLO	None	None
OHBT5HO454EAUHLWGOCC	Fixture	Economy	T5HO	4-Lamp	54 Watt	EA	UNIV	HLO	WG	OCC
OHBT5HO454EAUHL0OCC	Fixture	Economy	T5HO	4-Lamp	54 Watt	EA	UNIV	HLO	None	OCC
OHBT5HO454EAUHLWGW	Fixture	Economy	T5HO	4-Lamp	54 Watt	EA	UNIV	HLO	WG	None
OHBT5HO454EAUHL0	Fixture	Economy	T5HO	4-Lamp	54 Watt	EA	UNIV	HLO	None	None
OHBT5HO654EAUHLWGOCC	Fixture	Economy	T5HO	6-Lamp	54 Watt	EA	UNIV	HLO	WG	OCC
OHBT5HO654EAUHL0OCC	Fixture	Economy	T5HO	6-Lamp	54 Watt	EA	UNIV	HLO	None	OCC
OHBT5HO654EAUHLWGW	Fixture	Economy	T5HO	6-Lamp	54 Watt	EA	UNIV	HLO	WG	None
OHBT5HO654EAUHL0	Fixture	Economy	T5HO	6-Lamp	54 Watt	EA	UNIV	HLO	None	None
OHBT5HO854EAUHLWGOCC	Fixture	Economy	T5HO	8-Lamp	54 Watt	EA	UNIV	HLO	WG	OCC
OHBT5HO854EAUHL0OCC	Fixture	Economy	T5HO	8-Lamp	54 Watt	EA	UNIV	HLO	None	OCC
OHBT5HO854EAUHLWGW	Fixture	Economy	T5HO	8-Lamp	54 Watt	EA	UNIV	HLO	WG	None
OHBT5HO854EAUHL0	Fixture	Economy	T5HO	8-Lamp	54 Watt	EA	UNIV	HLO	None	None

\*480v Ballast available by Custom Order

\*\*Auto Controls available - High/Low switch Ballast with Photocell by Custom Order



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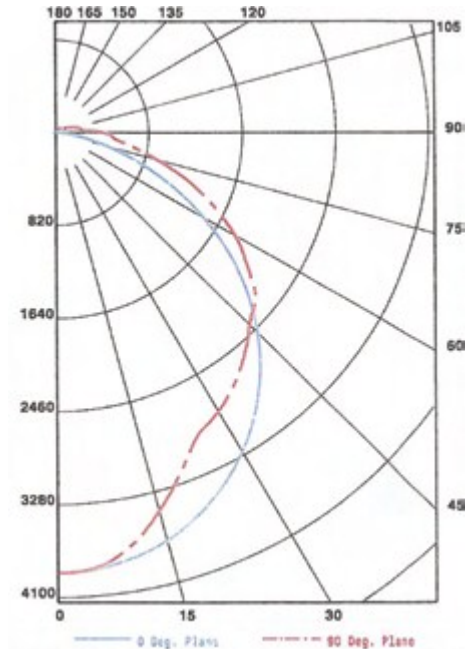


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**Photometric Data**

**Coefficients of Utilizations – Zonal Cavity Method  
Effective Floor Cavity Reflection 0.20**

RC	80%			50%			10%		
	70%	50%	10%	50%	30%	10%	50%	30%	10%
0	108	108	108	100	100	100	90	90	90
1	98	94	86	87	84	81	79	77	75
2	89	82	70	76	71	67	69	66	63
3	82	72	59	67	61	57	62	57	54
4	75	64	50	60	53	48	55	50	46
5	68	56	42	53	46	41	49	44	39
6	63	51	36	47	41	35	44	38	34
7	58	45	32	43	36	31	39	34	30
8	53	41	27	38	32	27	36	30	26
9	49	36	24	34	28	23	32	26	22
10	46	33	21	31	25	20	29	24	20



**Input Wattage/Lumens**

Fixture Configuration	System Wattage	Lumens
4-Lamp, 32 Wattage	144	13,800
6-Lamp, 32 Wattage	228	21,240
4-Lamp, 54 Wattage	236	20,000
6-Lamp, 54 Wattage	354	30,000

Plane	0 deg	90 deg
Spacing Criteria	1.2	1.3
Efficiency	90.3%	
Report Number	LTL 16229	

6-Lamp,T8 configuration testing displayed.



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