

LOW BAY FIXTURE

MFLBB

Application

Ideal HID Low Bay Replacement for retail, industrial open and stack aisle application

Construction

Reflectors: Precision formed, high performance, 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.



Shown MFLBB with optional uplight and side skirting

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

Door, Lamps, Aircraft Wire Hanger, Sensors, Cord and Plug. 347 and 480v Package. (See available options)

Features

- Lightweight "I" frame design
- Optional solid side / end with uplight for different aesthetic look.
- Total Luminaire Efficiency: 88.2%
- Spacing Criteria 0-Deg: 1.3, 90-Deg:1.3
- 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.

MFLB	Type LB Low Bay Boxed Fixture	Type LBB Low Bay Boxed Fixture
	Number of Lamps Req'd 44 - 4-4', 64 - 6-4', 84 - 8-4'	
	Ballast T8H - T8 "H" (120-277v) T8N - T8 "N" (120-277v) 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"/> - Uplight <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	

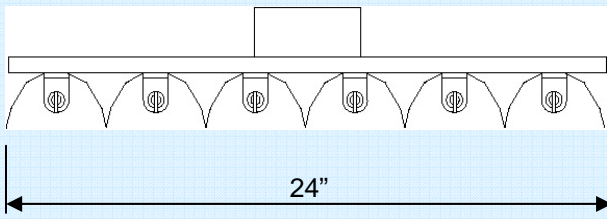
Photometrics

Coefficient of Utilization

6 FO32 Fixture Report LTL 54213

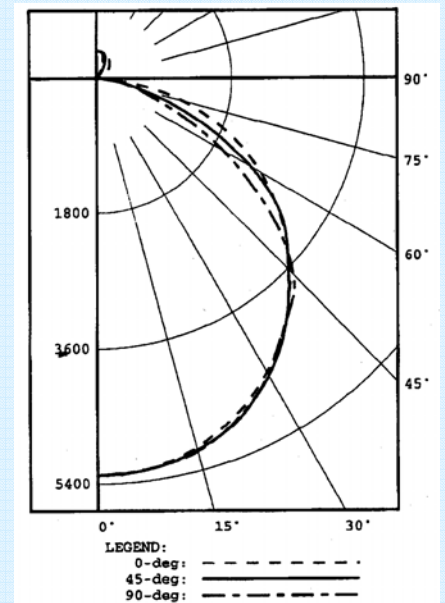
RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	104	104	104	104	101	101	101	101	96	96	96	91	91	91	87	87	87	85
1	96	92	88	85	93	89	86	83	85	82	80	81	79	77	73	73	73	72
2	87	80	74	69	85	78	73	68	75	70	6	71	67	64	61	61	61	60
3	80	70	63	58	77	69	62	57	66	60	56	63	58	54	51	51	51	51
4	73	62	55	49	71	61	54	48	58	52	47	56	51	46	44	44	44	43
5	67	56	48	42	65	55	47	42	52	46	41	50	45	40	38	38	38	38
6	62	50	42	37	60	49	42	36	47	41	36	45	40	35	33	33	33	33
7	57	45	38	32	56	45	37	32	43	36	32	41	36	31	29	29	29	29
8	53	41	34	29	52	41	34	29	39	33	28	38	32	28	26	26	26	26
9	50	38	31	26	48	37	30	26	36	30	25	35	29	25	23	23	23	23
10	47	35	28	23	45	34	28	23	33	27	23	32	27	23	21	21	21	21

Specifications



ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0- 30	4167	23.5	26.7
0- 60	12210	69.0	78.2
0- 90	15017	84.8	96.2
90-180	588	3.3	3.8
0-180	15605	88.2	100.0

Total Fixture Efficiency: 88.2%



Harris Lighting
Innovative Efficient Solutions