

HIGH BAY I-FRAME VALUE FIXTURE MFHBIV

Application

Ideal replacement fixture for HID high/low bay areas.

Construction

Reflectors: Precision formed, high performance, 95% total reflectance specular reflector, warranted for 25 years or 91% total reflectance white pre-painted aluminum.

Body: Channel, ends and brackets are manufactured from code gauge cold rolled galvanized steel. Top ballast and wiring access without the use tools.

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.



Features

- Modular wiring for both power and sensor connections
- Unique eco friendly fixture nesting design greatly reduces packaging material
- Total Luminaire Efficiency: 87.8%
- Available in both T8 and T5
- Compact and lightweight
- Spacing Criteria 0-Deg: 1.3, 90-Deg: 1.2
- 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

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 manufacturer's warranty.

Options

Lamps, aircraft wire hanger, sensors, cord and plug, 347 and 480v package (see available options).

Ordering Information

Use the flow chart below to configure the part number. Actual part number may vary due to configuration.

MFHBIV	Type HBI High Bay I-Frame Value Fixture
	Number of Lamps Req'd 4 - 4'-4' 6 - 6'-4' 8 - 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"/> Plug <input type="checkbox"/> Hanging Method <input type="checkbox"/> Wireguard <input type="checkbox"/> Tube Guards <input type="checkbox"/> 347/480v Package	

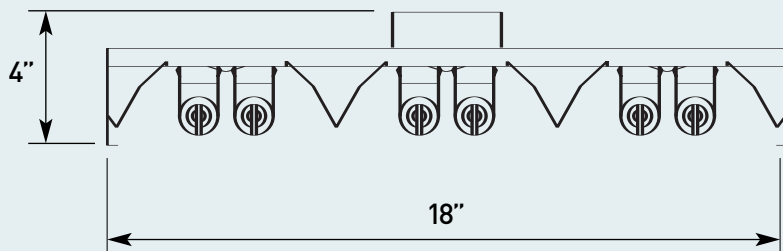
Photometrics

Coefficient of Utilization

6 F032 Fixture Report Number LTL 14366

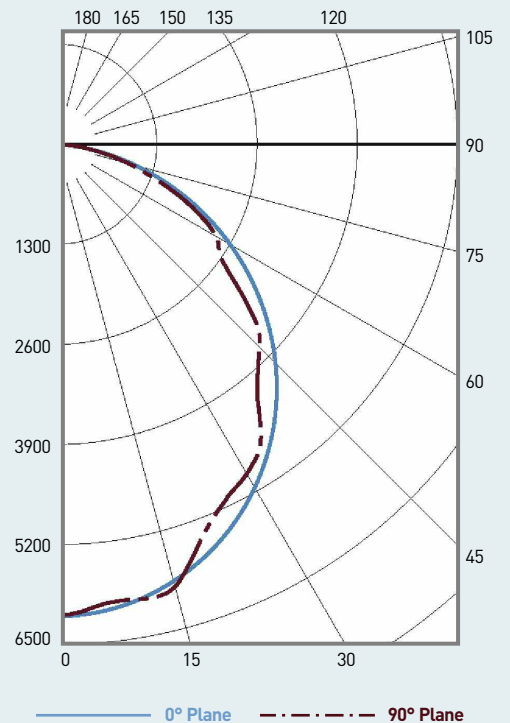
RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	104	104	104	104	102	102	102	102	98	98	98	93	93	93	90	90	90	88
1	96	93	89	86	94	91	87	85	87	84	82	84	81	80	80	79	77	75
2	88	82	76	71	86	80	75	71	77	73	69	74	71	67	72	69	66	64
3	81	73	66	61	79	71	65	60	69	63	59	66	62	58	64	60	57	55
4	74	65	57	52	73	63	57	51	61	55	51	59	54	50	57	53	49	48
5	68	57	50	44	66	56	49	44	54	48	43	53	47	43	51	46	42	40
6	63	51	44	38	61	50	43	38	49	42	38	47	42	37	46	41	37	35
7	58	46	39	33	56	45	38	33	44	38	33	43	37	33	42	36	32	31
8	53	41	34	29	52	41	34	29	40	33	29	39	33	28	38	32	28	27
9	49	37	30	25	48	37	30	25	36	29	25	35	29	25	34	28	24	23
10	46	34	27	22	44	33	27	22	32	26	22	32	26	22	31	26	22	20

Specifications



ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIX
0-30	4673	25.1	28.6
0-60	13093	70.4	80.2
0-90	16322	87.8	100.0
90-180	0	0.0	0.0
0-180	16322	87.8	100.0

Total Fixture Efficiency: **87.8%**



— 0° Plane - - - - 90° Plane

Harris Lighting
Innovative Efficient Solutions