

AISLE LIGHTER HIGH BAY FIXTURE MFHBA

Application

Ideal replacement for T12 strips and high bay fixtures in aisle and high rack 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: 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 surface mounted or hung with 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

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

Features

- Lightweight "I" frame design
- Total Luminaire Efficiency: 92.1%
- Spacing Criteria 0-Deg: 1.2, 90-Deg: 1.4
- Available in both T8 and T5
- 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

Ordering Information

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

MFHBA	Type HBA High Bay Aisle Lighter Fixture
	Number of Lamps Req'd 34 - 3-4' [4' fixture] 64 - 6-4' [8' fixture]
	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"/> Cord <input type="checkbox"/> Plug <input type="checkbox"/> Hanging Method <input type="checkbox"/> Wireguard <input type="checkbox"/> Tube Guards <input type="checkbox"/> Up-light <input type="checkbox"/> 347/480v Package

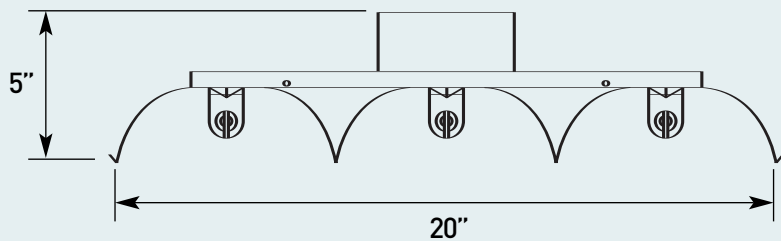
Photometrics

Coefficient of Utilization

3 F032 Fixture Report Number LTL 14365

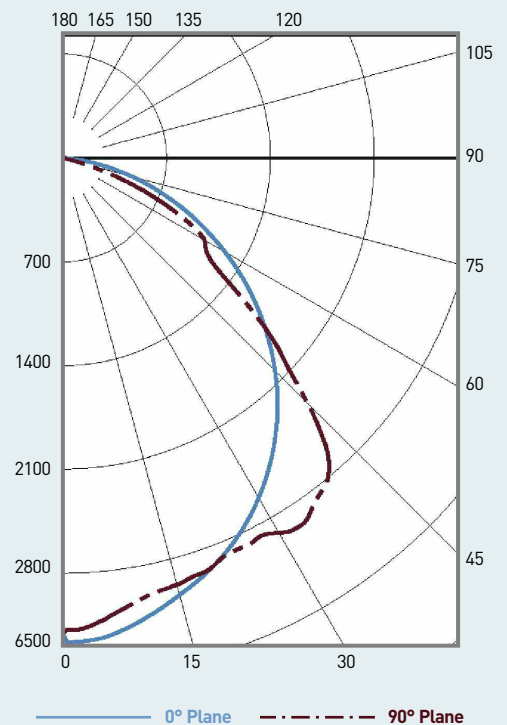
RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	110	110	110	110	107	107	107	107	102	102	102	98	98	98	94	94	94	92
1	102	98	95	92	99	96	93	90	92	90	88	89	87	85	85	84	82	81
2	94	87	82	77	92	86	81	76	82	78	75	79	76	73	77	74	71	69
3	86	78	71	66	84	76	70	65	74	68	64	71	67	63	69	65	62	60
4	79	69	62	56	77	68	61	56	66	60	55	64	59	54	62	57	54	52
5	73	61	54	48	71	60	53	48	58	52	47	57	51	47	55	50	46	44
6	67	55	47	41	65	54	47	41	52	46	41	51	45	41	50	44	40	38
7	61	49	41	36	60	49	41	36	47	40	36	46	40	35	45	39	35	33
8	56	44	36	31	55	43	36	31	42	36	31	41	35	31	40	35	30	29
9	52	39	32	27	51	39	32	27	38	31	26	37	31	26	36	30	26	24
10	48	36	28	23	47	35	28	23	34	28	23	33	27	23	33	27	23	21

Specifications



ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIX
0-30	2441	26.2	28.5
0-60	7234	77.8	84.5
0-90	8566	92.1	100.0
90-180	0	0.0	0.0
0-180	8566	92.1	100.0

Total Fixture Efficiency: **92.1%**



Harris Lighting
Innovative Efficient Solutions