

# VERSITILE HIGH BAY I-FRAME WITH WIRE-GUARD AND SWITCH OPTIONS

## Application

Ideal replacement for High Bay Fixtures in Manufacturing Facilities that have factory lay out changes. Reduced cost of manual switch versus electronic for facilities that revise their facility lay-outs from time to time

## Construction

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

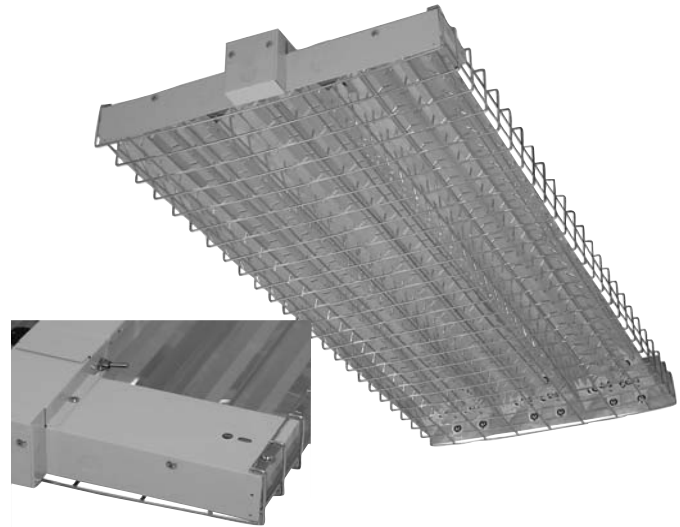
**Body:** Body, ends and brackets are manufactured from code gauge cold rolled steel and have white baked enamel finishes. The body of fixture is constructed for additional strength and reduction of air infiltration.

**Wire Guard:** Steel wire guard: 14 gauge.

**Switch:** On/Off switch to turn one ballast off located on top of the fixture. Allows for flexibility of light output without the high cost of electronic switching

**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

Wire Guard, Switch, Lamps, Aircraft Cable Hanging, Sensors, Cord, Plug and , 347v and 480v. (See available options)

## Features

- Lightweight "I" frame design
- Total Luminaire Efficiency: 89.2%
- 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 Re strike
- 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>MFHBI</b>	<b>Type HBI</b> High Bay I-Frame Fixture
	<b>Number of Lamps Required</b> 64 - 6-4', 44 - 4-4'
	<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> U - Ultimate aluminum 95% TR W - White pre painted aluminum 91% TR
	<b>Sensor</b> <input type="checkbox"/> - All Lamps <input type="checkbox"/> - Portion of Lamps
	<b>Options See Options Sheet</b> <input type="checkbox"/> - Wire guard <input type="checkbox"/> - Switch <input type="checkbox"/> - Cord <input type="checkbox"/> - Plug <input type="checkbox"/> - Hanging Method <input type="checkbox"/> - Tube Guards <input type="checkbox"/> 347/480v Package

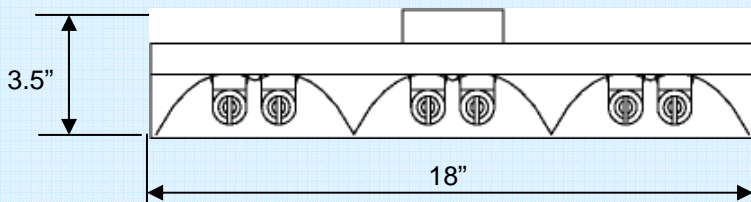
## Photometrics

### Coefficient of Utilization

#### 6 FO32 Fixture Report

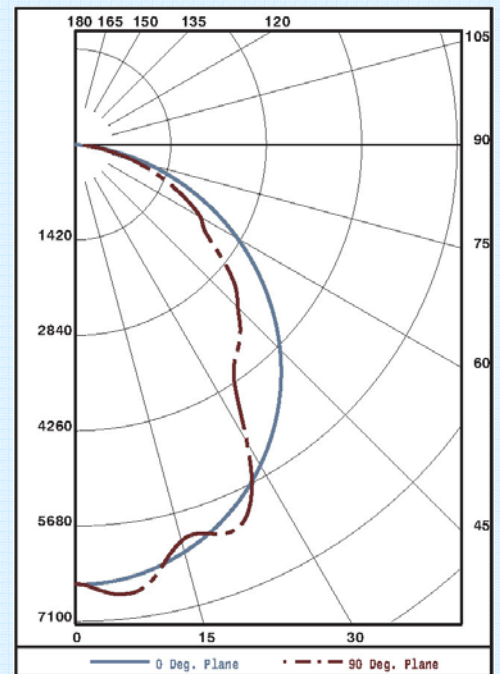
RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	106	106	106	106	104	104	104	104	99	99	99	95	95	95	91	91	91	89
1	98	95	91	88	96	93	89	87	89	86	84	85	83	81	82	81	79	77
2	90	84	78	74	88	82	77	73	79	75	71	76	73	70	73	71	68	66
3	83	75	68	63	81	73	67	62	71	65	61	68	64	60	66	62	59	57
4	77	67	59	54	75	66	59	54	63	57	53	61	56	52	59	55	51	50
5	70	59	52	46	68	58	51	46	56	50	45	55	49	45	53	48	44	43
6	65	53	46	40	63	53	45	40	51	45	40	49	44	39	48	43	39	37
7	60	48	41	35	58	47	40	35	46	40	35	45	39	35	44	38	34	33
8	55	43	36	31	54	43	36	31	41	35	30	40	35	30	39	34	30	28
9	51	39	32	27	50	38	31	27	37	31	26	36	31	26	35	30	26	25
10	47	35	28	24	46	35	28	24	34	28	24	33	27	23	32	27	23	22

## Specifications



ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0- 30	5134	27.6	30.9
0- 60	13611	73.2	82.0
0- 90	16600	89.2	100.0
90-180	0	0.0	0.0
0-180	16600	89.2	100.0

**Total Fixture Efficiency: 89.2%**



**Harris Lighting**  
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