

## ARCHITECTURAL RETAIL FIXTURE MFAR

### Application

Ideal Replacement for HID High/Low Bay Fixtures in retail applications

### 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. Standard Black color. Other colors available. Top ballast and wiring access without the use tools.

**Louver:** Optional 1 1/8" deep blade white louver and door frame. Other material available.

**Ballast:** Standard ballast are high performance electronic, Class P, non PCB, sound rated A, UL certified.

**Mounting:** Fixture may be suspended by aircraft grade steel cable or chain.



### 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

Body Color, Louver, Lamps, Aircraft Wire Hanger, Sensors and Cord and Plug. (See available options)

### Features

- Black body color standard with Rounded corners. Other colors optionally available
- Optional bladed louver
- Total Luminaire Efficiency: 84.4%
- Available in both T8 and T5
- Compact and lightweight
- Spacing Criteria 0-Deg: 1.37, 90-Deg: 1.63
- 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.

<b>MFAR</b>	<b>Type</b> AR Architectural Retail Fixture
	<b>Size</b> 425 - 4' x 25"
	<b>Number of Lamps Req'd</b> 64 - 6-4'
	<b>Ballast</b> T8H - T8 "H" (120-277v) T8N - T8 "N" (120-277v)
	<b>Reflector Material</b> W - White pre painted aluminum 91% TR U - Ultimate aluminum 95% TR
	<b>Sensor</b> <input type="checkbox"/> - All Lamps <input type="checkbox"/> - Portion of Lamps
	<b>Options See Options Sheet</b> <input type="checkbox"/> - Body Color <input type="checkbox"/> - Louver <input type="checkbox"/> - Plug <input type="checkbox"/> - Hanging Method <input type="checkbox"/> - Wireguard <input type="checkbox"/> - Tube Guards <input type="checkbox"/> - Up-Light

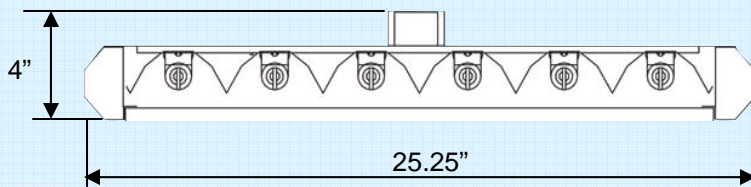
## Photometrics

### Coefficient of Utilization

6 FO32 Fixture

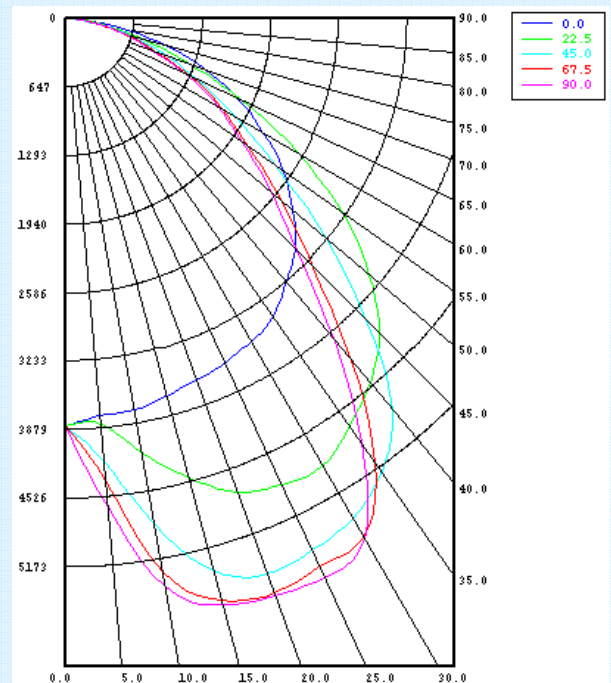
RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	100	100	100	100	98	98	98	98	93	93	93	89	89	89	86	86	86	84
1	92	88	85	82	90	86	83	81	83	80	78	80	78	76	77	75	74	72
2	84	78	72	68	82	76	71	67	73	69	65	70	67	64	68	65	62	61
3	77	68	62	57	75	67	61	56	65	59	55	62	58	54	60	56	53	51
4	70	61	54	48	69	60	53	48	58	52	47	56	51	47	54	49	46	44
5	65	54	47	42	63	53	46	41	52	46	41	50	45	40	48	44	40	38
6	60	49	41	36	58	48	41	36	47	40	36	45	40	35	44	39	35	33
7	55	44	37	32	54	44	37	32	42	36	32	41	35	31	40	35	31	29
8	51	40	33	28	50	40	33	28	39	32	28	38	32	28	37	32	28	26
9	48	37	30	25	47	36	30	25	35	29	25	34	29	25	34	29	25	23
10	45	34	27	23	44	33	27	23	33	27	23	32	26	23	31	26	23	21

## Specifications



ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0- 30	4249	24.4	28.9
0- 60	12309	70.7	83.8
0- 90	14680	84.4	100
90-180	2	0	0
0-180	14682	84.4	100

Total Fixture Efficiency: 84.4%



**Harris Lighting**  
Innovative Efficient Solutions