

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 102 cell straight 1 1/8" deep blade white louver. Both with white door frame. Other materials 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: 80.7% 102 cell
- Available in both T8 and T5
- Compact and lightweight
- Spacing Criteria 0-Deg: 1.24, 90-Deg: 1.22
- 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.

MFAR	Type AR Architectural Retail Fixture
	Size 425 - 4' x 25"
	Number of Lamps Req'd 64 - 6-4'
	Ballast T8H - T8 "H" (120-277v) T8N - T8 "N" (120-277v)
	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"/> - 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

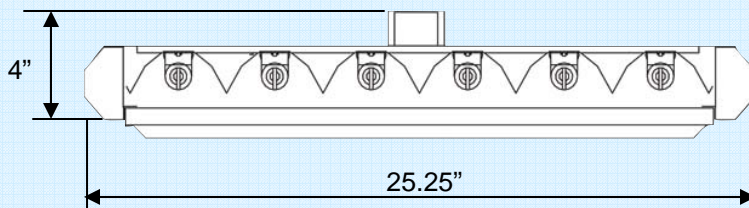
Photometrics

Coefficient of Utilization

6 FO32 Fixture with 102 Cell Blade Louver

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	95	95	95	95	92	92	92	92	87	87	87	82	82	82	78	78	78	76
1	88	84	82	79	85	82	80	77	78	76	74	74	72	71	71	69	68	66
2	81	75	70	66	78	73	69	65	69	66	63	66	63	61	63	61	59	57
3	74	67	61	56	72	65	60	55	62	57	54	59	55	52	57	54	51	49
4	68	60	53	48	66	58	52	48	56	51	47	53	49	45	51	47	44	43
5	63	54	47	42	61	52	46	42	50	45	41	48	44	40	46	42	39	37
6	58	48	42	37	57	47	41	37	46	40	36	44	39	35	42	38	35	33
7	54	44	37	33	53	43	37	33	42	36	32	40	35	32	39	34	31	29
8	51	40	34	29	49	40	33	29	38	33	29	37	32	28	36	31	28	26
9	47	37	31	27	46	36	30	26	35	30	26	34	29	26	33	29	25	24
10	44	34	28	24	43	34	28	24	33	27	24	32	27	23	31	26	23	22

Specifications



ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0- 30	5438	26.0	32.3
0- 60	13920	66.6	82.6
0- 90	15891	76.1	94.3
90-180	957	4.6	5.7
0-180	16847	80.7	100

Total Fixture Efficiency: 80.7%

