



FLUORESCENT HIGH BAY APPLICATIONS:

- UL/CUL Listed Dry Location
- Industrial & Commercial

BENEFITS:

- High Efficiency Luminaire
- Energy savings over traditional HID
- Same rugged Paramount construction

FEATURES:

- Full 16" wide reflector
- 4 or 6 lamp configurations
- Premium electronic ballast standard
- Every luminaire tested with lamps to assure customer satisfaction
- 5 year limited warranty

PARAMOUNT PRODUCTS - PROUDLY MANUFACTURED IN THE USA SINCE 1947.

SPECIFICATIONS:

HOUSING:

Knockouts on the ends and top of the luminaire provide wireway access. All housings feature deep ribs, railed edges and mounting slots.

M3 - Constructed of nominal 20GA (.036) zinc coated steel for unmatched corrosion protection. Spot welded housing for unmatched quality and durability.

M5 - Constructed of .040" white pre-painted aluminum with riveted body assembly.

FINISH:

M3 Series: Painted surfaces are two mil of white polyester enamel with 88% reflectance.

ELECTRICAL:

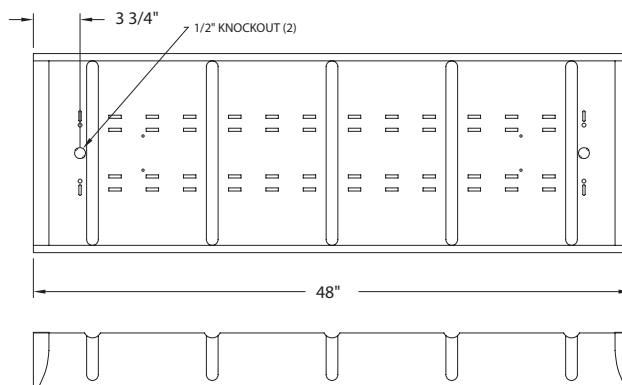
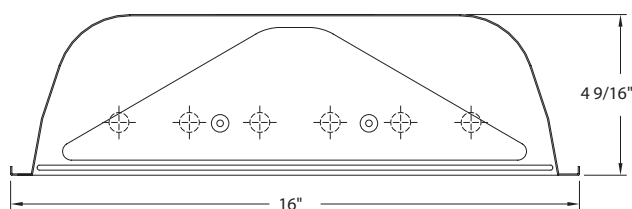
All ballasts and lampholders are UL Listed.

MOUNTING:

Chain, surface, pendant or custom detail available. Each fixture comes standard with 5 ft. aircraft cable mounting system.

ENERGY AND TIME SAVING OPTIONS:

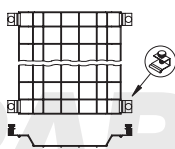
- Plug and Play Option - By ordering the plug and play option (-PP), you get everything necessary for a complete installation. Included are standard mounting hardware (aircraft cable), 6 ft. cord and plug, and lamps.
- Occupancy Sensor (-Y7)
- Specular aluminum reflector with 95% reflectance (-R5)
- Cord and plug (-W1)



Compare T5/HO to Metal Halide HID

Lamp	Rated Watts	Input Watts (@277V)	Total Initial Lumens	Total Mean Lumens	Rated Life (hrs.)	Lumen Maintenance	Restrike Time (min.)	Mean Lumens Per System Watt
(1) 400W MH	400	452	44,000	31,000	20,000	70%	5 - 12	69
(6) 54W T5/HO	324	346	30,000	27,900	25,000	93%	0	81

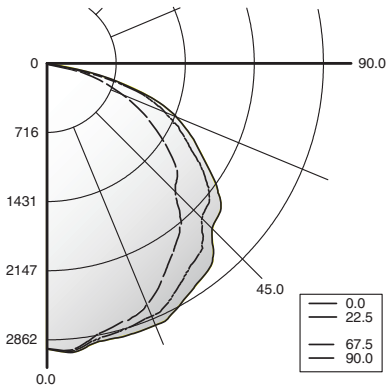
WIRE GUARD -J8



M3/M5 Series



PHOTOMETRICS: For additional photometry, go to paramountlighting.com
 Model M3654T5H0, Enamel Reflector, 6 54W T5/HO Fluorescent Lamps, Lamp Lumen Rating = 5000



Coefficients of Utilization, Zonal Cavity Method

Floor Cavity Reflectance: 20%

RC	.8				.7				.5				.3				.1				0
RW	.7	.5	.3	.1	.7	.5	.3	.1	.5	.3	.1	.5	.3	.1	.5	.3	.1	.5	.3	.1	0
R 0	86	86	86	86	84	84	84	84	80	80	80	77	77	77	73	73	73	72			
C 1	79	75	72	70	77	74	71	68	71	68	66	68	66	64	67	64	62	61			
R 2	72	66	61	57	70	64	60	56	62	58	55	59	56	53	57	55	52	51			
3	65	58	52	47	63	57	51	47	54	50	46	52	49	45	51	47	44	43			
4	60	51	45	40	58	50	44	39	48	43	39	46	42	38	45	41	38	36			
5	54	45	38	33	53	44	38	33	42	37	33	41	36	32	40	35	32	30			
6	50	40	33	28	48	39	33	28	38	32	28	37	32	28	35	31	28	26			
7	46	36	29	25	44	35	29	24	34	28	24	33	28	24	32	27	24	22			
8	42	32	25	21	41	31	25	21	30	25	21	29	24	21	28	24	21	19			
9	38	28	22	18	37	28	22	18	27	22	18	26	21	18	25	21	18	16			
10	36	26	20	16	35	25	20	16	25	19	16	24	19	16	23	19	16	14			

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	5267	17.6	24.4
0-40	8801	29.3	40.8
0-60	16343	54.5	75.7
0-90	21592	72	100
90-120	0	0	0
90-130	0	0	0
90-150	0	0	0
90-180	0	0	0
0-180	21592	72	100

Total Luminaire Optical Efficiency = 72.0%
 Spacing Criterion: 0° = 1.2, 90° = 1.4

FLUORESCENT HIGH BAY LUMINAIRE ORDERING INFORMATION:

SERIES	LAMP QTY	LAMP TYPE	LENS	OPTIONS	VOLTAGE
M3 ZCS Painted M5 Aluminum (Pre-Painted)	4 6		0 Without lens (base)	EMERGENCY (SPECIFY VOLTAGE) EM3 Bodine B50/IOTA I-320-DL or similar EM7 Bodine LP550 DRY/IOTA ISL-54 DRY or similar BALLASTS (SPECIFY VOLTAGE) D4 < 10% THD (Consult Factory) E0 Low-Temp Electronic E2 2 Electronic Ballasts E9 Rapid Start Electronic Ballast (Std. on T5) LENSING J8 Wire Guard MISC PP Plug and Play (Refer to specifications page for details) R5 Specular Reflector Y7 Occupancy Sensor W1 Cord and Plug P9 Special Paint Color	120V-277V/60Hz STD 347V/60Hz 50Hz & Other Voltages Available
28T5 F28T5 (4FT)		0°			
32 F32T8 (4FT)		0°			
48T8H F48T8/HO (4FT)		-20°			
54T5H F54T5/HO (4FT)		-20°			

Add hyphens between options



Project Information:

Information subject to change without notice. Lamps supplied by others.

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