

M1 Series

FLUORESCENT | SURFACE **S**



INDUSTRIAL LITE APPLICATIONS:

- UL/CUL Listed Dry Location
- Industrial & Commercial

BENEFITS:

- Luminaires adaptable to your specific needs

FEATURES:

- Designed for linear T5 lamp technology
- Premium electronic ballast standard
- Every luminaire tested with lamps to assure customer satisfaction
- 5 year limited warranty
- Proudly made in **USA**

SPECIFICATIONS:

HOUSING:

Constructed of nominal 20GA (.036) zinc coated steel for unmatched corrosion protection. Knockouts on the ends of the luminaire provide wireway access.

REFLECTOR:

Formed of zinc coated steel, painted white with a minimum reflectance of 88%.

FINISH:

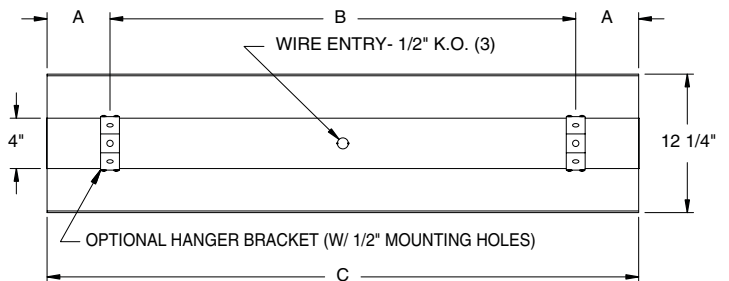
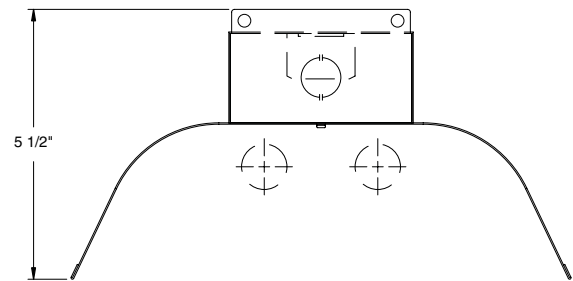
Painted surfaces are two mil of white polyester enamel.

ELECTRICAL:

All ballasts and lampholders are UL Listed.

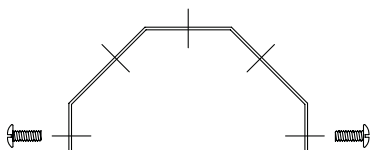
MOUNTING:

Chain, surface, pendant or custom detail available.



LENGTH	DIMENSIONS IN INCHES		
	A	B	C
4 FT T5	7 1/4	32	46 1/2
4 FT T8	14 1/2	64	48 1/2

OPTIONAL HANGER BRACKET



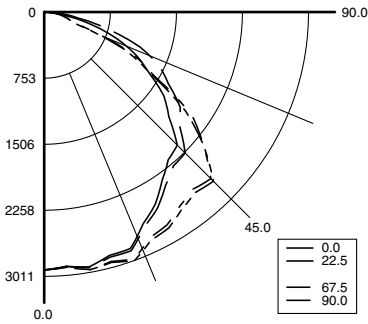
REV 1/05



M1 Series

PHOTOMETRICS:

Model M1254T5H0, 4FT, White Reflector, 2 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	0
R 0	113	113	113	113	110	110	110	110	105	105	105	101	101	101	97	97	97	95
C 1	103	99	95	91	101	97	93	90	93	90	87	89	86	84	85	83	82	80
R 2	94	86	79	74	91	84	78	73	81	76	71	78	73	70	75	71	68	66
3	85	75	67	61	83	74	66	61	71	65	59	68	63	58	66	61	57	55
4	78	66	58	51	76	65	57	51	63	56	50	60	54	50	58	53	49	47
5	71	59	50	44	69	58	50	44	56	49	43	54	47	43	52	47	42	40
6	66	53	44	38	64	52	44	38	50	43	37	48	42	37	47	41	37	35
7	61	47	39	33	59	47	39	33	45	38	33	44	37	32	43	37	32	30
8	56	43	35	29	55	42	35	29	41	34	29	40	33	29	39	33	29	27
9	52	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	26	24
10	49	36	29	23	48	36	28	23	35	28	23	34	28	23	33	27	23	21

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	2400	24	25.5
0-40	4007	40.1	42.6
0-60	7580	75.8	80.6
0-90	9410	94.1	100
90-120	0	0	0
90-130	0	0	0
90-150	0	0	0
90-180	0	0	0
0-180	9410	94.1	100

Total Luminaire Optical Efficiency = 94.1%
Spacing Criterion: 0° = 1.26, 90° = 1.42

INDUSTRIAL LUMINAIRE ORDERING INFORMATION:

M1 SERIES	2 LAMP QTY	LAMP TYPE	0 LENS	OPTIONS	VOLTAGE
M1 Dry Location			0 Without lens (base)	EMERGENCY B0 Bodine LP500 (4FT) B4 Bodine B70A Dry/IOTA I-48 B5 Bodine B50 Dry/IOTA I-80 I9 IOTA ISL-54 Dry (4FT) BALLASTS D4 < 10% THD (Consult Factory) E2 2 Electronic Ballasts E9 Rapid Start Electronic Ballast FUSING F1 GLR/HLR Fusing (Fast) F2 GMF/HLR Fusing (Slow)	120V/60Hz Standard 277V/60Hz 347V/60Hz 50Hz & Other Voltages Available

28T5	F28T5 (4FT)	0°
32	F32T8 (4FT)	0°
48T8H	F48T8/HO (4FT)	0°
54T5H	F54T5/HO (4FT)	0°

SS and Other Materials Available, Consult Factory.

Project Information:

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

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