

W9 Series

FLUORESCENT | SURFACE **S**



WALL LITE

APPLICATIONS:

- UL/CUL Listed
Damp Location
- Industrial & Commercial

BENEFITS:

- Luminaires adaptable to your specific needs

FEATURES:

- Premium electronic ballast standard
- Available in stainless steel construction
- Every luminaire tested with lamps to assure customer satisfaction
- 5 year limited warranty
- Proudly made in **USA**

SPECIFICATIONS:

HOUSING:

Constructed of 20GA (.036) zinc coated steel for unmatched corrosion protection. Featuring a double channel, one welded inside the other, with space between the channel sides to capture the diffuser. Threaded hubs are continuously welded into the channel ends providing a sealed wireway access. Removable plugs seal the hubs when not utilized.

OPTIONAL PREMIUM MATERIALS:

- S2** - 304 stainless steel outer channel.
- S3** - External metal components of 304 stainless steel.
- S4** - All metal components of 304 stainless steel.

REFLECTOR:

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

END CAPS:

Die formed of 18GA (.048) stainless steel. A threaded, knurled ring secures the end cap to the luminaire housing while positioning the lens.

GASKETING:

EPDM is used in the housing channels and end caps.

FINISH:

Painted surfaces are two mil of white polyester enamel, special colors available.

LENS:

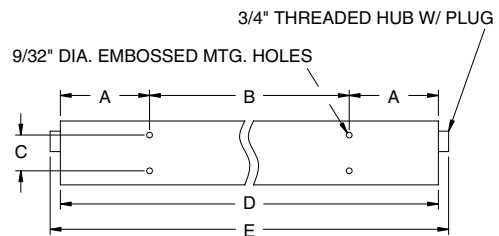
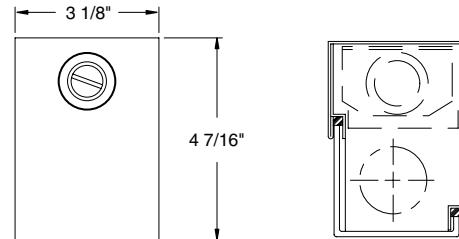
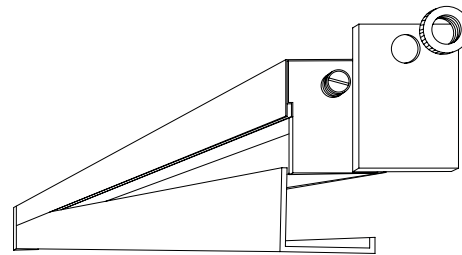
.125 extruded prismatic polycarbonate, smooth side out.

ELECTRICAL:

All ballasts and lampholders are UL Listed.

MOUNTING:

Surface or custom detail for covered ceiling installations. For further information, contact Sales Representative.



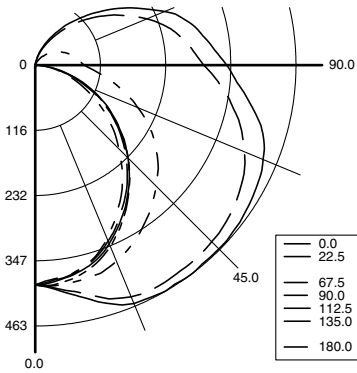
LENGTH	DIMENSIONS IN INCHES				
	A	B	C	D	E
16"	2 15/32	10	1 3/4	14 15/16	16 1/16
19"	4 3/32	10	1 3/4	18 3/16	19 5/16
2 FT	4 3/32	16	1 3/4	24 3/16	25 5/16
4 FT	8 3/32	32	1 3/4	48 3/16	49 5/16



W9 Series

PHOTOMETRICS:

Model W91408-D9, 4FT, White Painted Interior and Prismatic Polycarbonate Lens, 1 40W T12 Fluorescent Lamps, Lamp Lumen Rating = 3050



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	68	68	68	68	65	65	65	65	60	60	60	55	55	55	50	50	50	48			
C 1	60	57	54	51	57	54	52	49	50	47	45	46	44	42	42	40	39	37			
R 2	54	49	44	40	51	46	42	39	43	39	36	39	36	34	36	33	31	29			
3	49	42	37	33	46	40	35	32	37	33	30	34	30	28	31	28	26	24			
4	45	37	31	27	42	35	30	26	32	28	25	30	26	23	27	24	22	20			
5	41	33	27	23	39	31	26	22	29	24	21	26	23	20	24	21	19	17			
6	37	29	24	20	36	28	23	19	26	21	18	24	20	17	22	19	16	15			
7	35	26	21	17	33	25	20	17	23	19	16	22	18	15	20	17	14	13			
8	32	24	19	15	31	23	18	15	21	17	14	20	16	13	18	15	12	11			
9	30	22	17	13	28	21	16	13	19	15	12	18	14	12	17	13	11	10			
10	28	20	15	12	27	19	15	12	18	14	11	17	13	11	15	12	10	9			

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	316	10.4	17.4
0-40	527	17.3	29
0-60	987	32.4	54.3
0-90	1483	48.6	81.5
90-120	246	8.1	13.5
90-130	290	9.5	16
90-150	330	10.8	18.1
90-180	336	11	18.5
0-180	1819	59.7	100

Total Luminaire Optical Efficiency = 59.7%
Spacing Criterion: 0° = 1.75, 90° = 1.19

WALL LITE ORDERING INFORMATION:

W9 SERIES	LAMP QTY	LAMP TYPE	LENS	OPTIONAL MATERIAL	OPTIONS	VOLTAGE
W9 Damp Location	1 T2 Tandem		6 .125 Clear Polycarbonate (No Pattern) 7 .125 White Polycarbonate 8 .156 Prismatic Polycarbonate (P12) (base)		EMERGENCY B1 Bodine BDL700 (0-50°C) N/A <3FT B2 Bodine BDL500 (0-50°C) N/A <3FT B3 Bodine BDL900 (0-50°C) N/A <3FT BALLASTS D4 < 10% THD (Consult Factory) E9 Rapid Start Electronic Ballast FUSING F1 GLR/HLR Fusing (Fast) F2 GMF/HLR Fusing (Slow) MISC J0 Lamp Sleeve (Specify Type & Color) P9 Special Paint Color (Provide Paint Code & Chip) S1 Special Material (Consult Agent) T3 Tamper Resistant (Spanner STD, Others Avail.)	120V/60Hz Standard 277V/60Hz 347V/60Hz 50Hz & Other Voltages Available
27BX F24-F27T5TT (16")	0°			S2 Stainless Steel Housing S3 Stainless Steel Exterior S4 Stainless Steel Complete 304 SS Standard, 316 SS and other materials available, consult agent		
39BX F36-F39T5TT (19")	0°					
40BX F40T5TT (2FT)	0°					
50BX F50T5TT (2FT)	0°					
17 F17T8 (2FT)	0°					
32 F32T8 (4FT)	0°					
TANDEM LAMPS Tandem lamps are tandem wired						
40BX F40T5TT (4FT)	0°					
50BX F50T5TT (4FT)	0°					

Project Information:

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

© 2005 Paramount Industries, Inc. P.O. Box 259 Crosswell, MI 48422