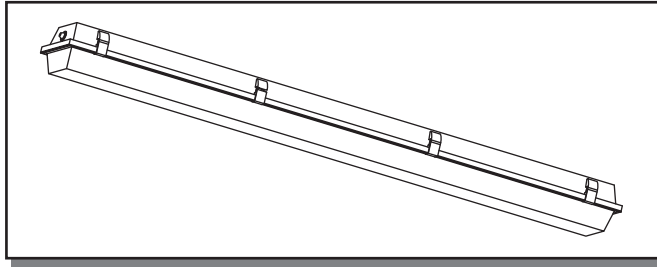


LOW PROFILE VAPORLUME



2', 4', or 8'
1, 2 or 3 Lamp
T5, T5HO or T8

APPLICATION

- Acceptable for outdoor as well as indoor installations.
- **Wet Location**-Areas of high humidity, water vapor, rain, incidental water spray, or other non-corrosive or non-flammable liquid.
- Also suitable for damp locations.

CONSTRUCTION/FINISH

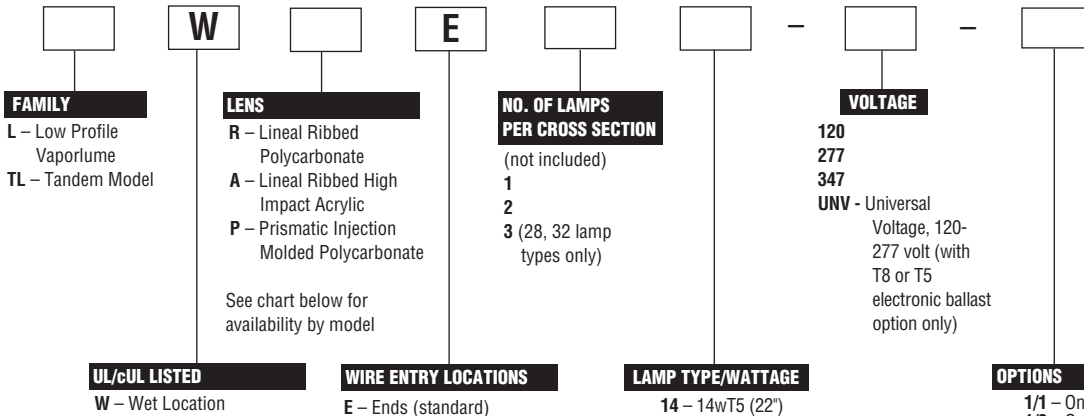
- Non-conductive, non-corrosive housing.
- Smooth exterior surface for easy cleaning.
- Molded fiberglass 5V-A housing.
- Choice of ribbed or injection molded prismatic diffusers.
- Continuous poured gasket.
- Polycarbonate cam action latches are standard.
- Ballast is retained by a snap-on gear tray in lieu of channel, reducing weight.

- IP65 rating for ribbed lenses and IP67 rating for prismatic lens.
- Two snap-on stainless steel mounting brackets included, can be installed anywhere along housing (except at latches)

ELECTRICAL

- Class P, HPF certified ballasts comply with ©Federal Ballast Law (Public Law 100-357, 1988).
- Self-contained fluorescent emergency ballasts available: Wet location only, use DEB-7W or DEB-5W for T8 applications. Consult factory for T5 applications.
- UL/cUL listed.
- Wet Location UL 1570/cUL C22.2 No. 9.
- Also suitable for damp locations.

CATALOG NUMBER



LOW PROFILE VAPORLUME—PRODUCT AVAILABILITY

Size	Family	Lamps/ X Section	Lamps/ Fixture	Available Lenses	Lamp Type
2'	LW	1	1	R, P	14, 17, 24HO
		2	2		
4'	LW	1	1	R, P	28, 32, 54HO
		2	2	A, R, P	28, 32, 54HO
		3	3	A, R, P	28, 32
8'	TLW	1	2		28, 32, 54HO
		2	4	A	28, 32, 54HO
		3	6		28, 32

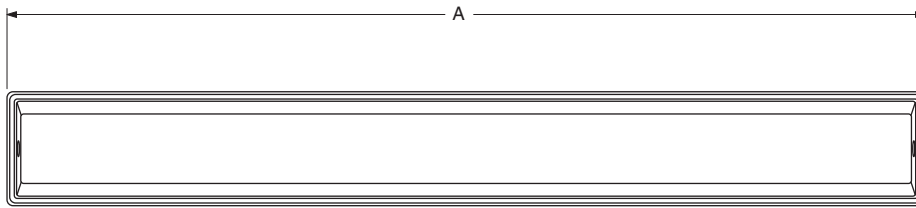
JOB INFORMATION

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LOW PROFILE VAPORLUME

DIMENSIONS



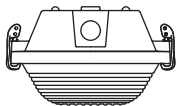
A (OVERALL LENGTH)

2' models	27-11/16"	(703 mm)
4' models	51-9/16"	(1310 mm)
8' models	100"	(2540 mm)

3 LAMP, 2 LAMP & 8' ONE LAMP

ONE LAMP (EXCEPT 8')

RIBBED LENSES (R, A)



4-1/4"

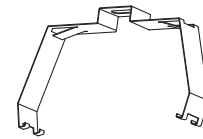
7-1/4"



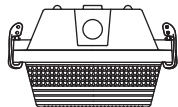
4-1/4"

4-1/2"

MOUNTING BRACKET (INCLUDED)



PRISMATIC INJECTION MOLDED LENSES (P)



4-1/4"

7-1/4"



4-1/4"

4-1/2"

PHOTOMETRIC DATA

CATALOG # LWPE232-1/2-EB LAMPS = F32T8

INPUT WATTS = 55

TEST #23312 S/MH = 1.3

BALLAST = ELECTRONIC BALLAST FACTOR = 0.88

LER = FP-66

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$3.64 BASED ON 3000 HRS. AND \$.08 PER KWH.

FIXTURE EFFICIENCY = 66.9%

CANDLEPOWER			
Angle	End	45	Cross
0	1065	1065	1065
5	1058	1061	1061
15	1007	983	941
25	914	884	960
35	752	851	919
45	513	812	903
55	332	775	811
65	207	615	713
75	92	467	593
85	26	282	327
95	11	153	170
105	12	79	103
115	8	48	83
125	3	29	55
135	3	11	34
145	3	3	12
155	4	4	4
165	5	4	5
175	5	5	5

MAINTAINED ILLUMINATION TABLE- Square Feet/Fixture*

- 80-50-20 Reflectances (Ceiling-Wall-Floor)
- LLF = 0.75 2850 Lumens/Lamp very clean
- Room width divided by room height = 5 or more, 2 or 1

Fixture Size & # of Lamps	Room Width Room Height =	Approx. Area (sq. ft.) per Fixture				
		10 ft-c	30 ft-c	50 ft-c	70 ft-c	100 ft-c
4' 2 Lamp	5	-	102	61	44	30
	2	-	66	39	-	-
	1	141	47	-	-	-

*Observe Fixture S/MH Requirements for Specific Applications

AVERAGE LUMINANCE CD/SQ.M WITH 2850 LUMEN LAMPS

ANGLE	END	45°	CROSS
45	3779	4883	5134
55	2966	5260	5119
65	2443	4964	5236
75	1675	4830	5402
85	1108	4239	4086

TYPICAL V.C.P.'s

Room Size	Mounting Height Lengthwise Crosswise	
	8.5	10
30x30	35	41
40x40	31	35
60x30	36	40
60x60	29	31
100x100	27	28

COEFFICIENT OF UTILIZATION

pfc pcc pw RCR	20				70				50			
	80	70	50	30	80	70	50	30	80	70	50	30
0	84	84	84	81	81	81	77	77	77	77	77	77
1	75	70	67	72	68	65	65	61	61	61	61	61
2	68	60	55	65	58	53	55	51	51	51	51	51
3	60	52	46	58	51	45	47	42	42	42	42	42
4	56	46	39	53	45	38	41	35	35	35	35	35
5	51	40	34	48	40	33	36	32	32	32	32	32
6	46	35	29	45	34	28	34	28	28	28	28	28
7	42	33	26	41	32	26	29	25	25	25	25	25
8	40	29	23	39	28	23	28	22	22	22	22	22
9	38	27	20	35	27	20	25	20	20	20	20	20
10	34	25	19	34	25	19	23	17	17	17	17	17

LIGHT DISTRIBUTION

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	802	14.1	19.5
0-40	1330	23.3	32.2
0-60	2542	44.6	61.6
0-90	3812	66.9	92.4
90-180	312	5.5	7.6
0-180	4124	72.3	100.0

LLF = .75 LLF = LIGHT LOSS FACTOR LLD = LDD X LLD X BF LDD = VERY CLEAN 0.94 CLEAN 0.90
LLD = 0.91 @ 40% RATED LAMP LIFE BF = 0.88 ELECTRONIC BALLAST & T8 LAMP (RELAMP AT 70% LAMP LIFE)

1509.2-PF

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