

**2 or 4 Lamp  
T8 or T12**

**Specification grade wraparound features  
injection molded end caps on lens.**

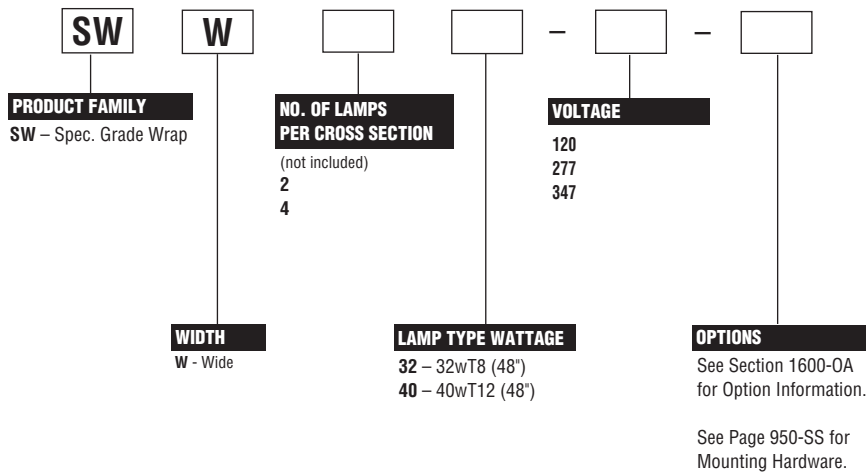
**CONSTRUCTION/FINISH**

- Shallow depth (3-3/16") and rectangular shape produce pleasant modern appearance.
- Pattern 12 bottom prisms with interior linear side wall prisms for maximum cleanliness and light control.
- 100% virgin acrylic lens hinges from either side for easy maintenance.
- Housing is multi-stage phosphate treated for maximum corrosion resistance and finish coat is high reflectance baked white enamel.
- Multiple knockouts accommodate a variety of mounting methods.
- Heavy duty channel of code gauge die formed steel.

**ELECTRICAL**

- Class P, HPF, CBM certified ballasts comply with ©Federal Ballast Law (Public Law 100-357,1988).
- UL listed for direct mounting on low-density ceilings and damp locations.
- Lampholders may be individually replaced or rewired.
- Self-contained fluorescent emergency power packs can be incorporated. UL listed for dry location.

**CATALOG NUMBER**



**NOTES:**

- With generic Electronic Ballasts (Brand selected by Day-Brite)  
Suffix Catalog # with **Ballast Quantity** - / - **EB Lamps Per Ballast.**

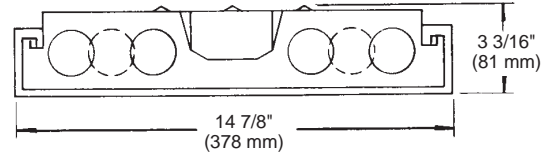
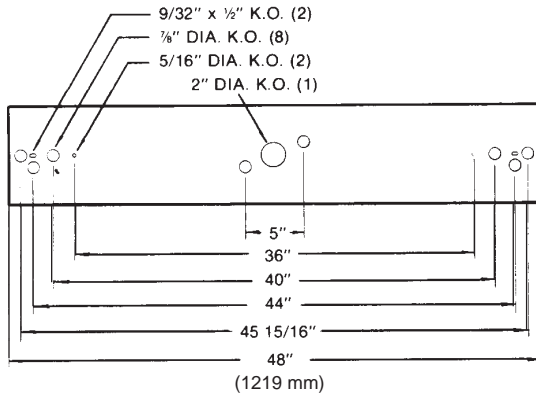
**Example: -1/2-EB** = One 2 Lamp Electronic Ballast.

**Example: -1/4-EB** = One 4 Lamp Electronic Ballast.

# SW WIDE WRAPAROUND



## DIMENSIONS



### PHOTOMETRIC DATA

CATALOG # SWW 432-1/4-EB  
TEST # 41984 S/MH=1.4

LAMPS = F32 T8  
BALLAST = ELECTRONIC

INPUT WATTS = 108  
BALLAST FACTOR = .91

LER = 73

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$3.29 BASED ON 3000 HRS. AND \$.08 PER KWH.

FIXTURE EFFICIENCY = 74.3%

CANDLEPOWER				
Angle	End	45	Cross	
0	2784	2784	2784	
5	2783	2780	2773	
15	2694	2729	2755	
25	2508	2605	2675	
35	2233	2396	2493	
45	1844	2012	1997	
55	1107	1251	1233	
65	547	706	861	
75	272	401	632	
85	87	248	447	
95	2	221	360	
105	15	201	281	
115	28	158	227	
125	35	111	138	
135	42	106	117	
145	41	92	110	
155	36	66	83	
165	35	47	54	
175	33	34	33	

### MAINTAINED ILLUMINATION TABLE- Square Feet/Fixture\*

- 80-50-20 Reflectances (Ceiling-Wall-Floor)
- LLF = 0.75 2900 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'- Lamp	5	-	-	132	94	66
	2	-	-	91	65	45
	1	-	111	67	48	33

\*Observe Fixture S/MH Requirements for Specific Applications

### AVERAGE LUMINANCE CD/SQ.M WITH 2900 LUMEN LAMPS

ANGLE	END	45°	CROSS
45	5832	5932	5514
55	4316	4419	3981
65	2894	3232	3474
75	2350	2726	3541
85	2232	3476	4310

### TYPICAL V.C.P.'s

Room Size	Mounting Height			
	Lengthwise		Crosswise	
	8.5	10	8.5	10
30x30	51	55	44	49
40x40	48	51	39	43
60x30	52	55	48	53
60x60	46	47	35	38
100x100	45	45	31	33

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

### COEFFICIENT OF UTILIZATION

pfc pcc pw RCR	20						70						50					
	70	50	30	70	50	30	70	50	30	70	50	30	70	50	30			
0	86	86	86	83	83	83	79	79	79	79	79	79	79	79	79			
1	79	76	71	76	72	69	68	66	66	68	66	66	68	66	66			
2	71	66	60	69	64	59	60	56	56	60	56	56	60	56	56			
3	66	57	53	64	56	51	54	48	48	54	48	48	54	48	48			
4	60	52	46	57	51	45	47	42	42	47	42	42	47	42	42			
5	56	46	40	54	45	39	42	38	38	42	38	38	42	38	38			
6	52	41	35	50	40	34	39	34	34	39	34	34	39	34	34			
7	47	38	32	46	36	30	34	29	29	34	29	29	34	29	29			
8	45	34	28	42	34	28	32	27	27	32	27	27	32	27	27			
9	41	32	26	40	30	26	29	25	25	29	25	25	29	25	25			
10	39	28	23	38	28	23	28	23	23	28	23	23	28	23	23			

### LIGHT DISTRIBUTION

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	2236	19.3	25.9
0-40	3726	32.1	43.2
0-60	6354	54.8	73.7
0-90	7815	67.4	90.7
90-180	802	6.9	9.3
0-180	8617	74.3	100.0

1018-WP

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