

# SIDE MOUNT STANDARD STRIP

# SM76

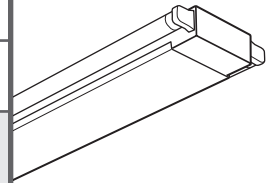
**SUBMITTAL:**

**T8**

**JOB:**

**TYPE:**

**VOLTAGE:**



EXAMPLE

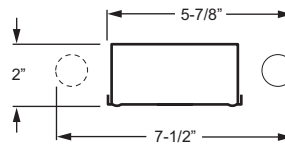
**SM76 - 4 - 2 32 - OPTIONS - EB2 - UNV**

SERIES      NOMINAL LENGTH      TOTAL WATTAGE/LAMPS      TYPE      OPTIONS      BALLAST TYPE      VOLTAGE



## FEATURES

- ▶ Available in 2', 3', 4', 6', and 8' lengths.
- ▶ Quarter-turn fastener secures wireway cover to housing.
- ▶ Special reflectors are available for precise light distribution.
- ▶ Ballast secured by two captive bolts and nuts to ensure a tight, reliable fit for maximum heat dissipation.
- ▶ This fixture is proudly made in the USA.



## SPECIFICATIONS

**Housing** – 22-gauge die-formed C.R.S.  
**Finish** – 92% minimum average reflective white polyester powder coat bonded to phosphate-free, multi-stage pretreated metal. All parts painted after fabrication to facilitate installation, increase efficiency, and inhibit corrosion.  
**Electrical** – Electronic ballast standard, instant start T8, rated Class P.  
**Mounting** – Surface or suspended.  
**Labels** – UL/CUL listed as fluorescent luminaire suitable for dry or damp locations.

## ORDERING INFORMATION

### SERIES

**SM76** Side Mount Standard Strip

### NOMINAL LENGTH

2	2'
3	3'
4	4'
6	6'
8	8'

### TOTAL LAMPS

**1, 2, or 4** (1- or 2-lamp cross-section)

### LAMP WATTAGE/TYPE

17	2', 17-watt T8
25	3', 25-watt T8
32	4', 32-watt T8
59	8', 59-watt T8
86	8', 86-watt T8

### OPTIONS

For generic **EM ballast** options (must specify voltage), see Fluorescent Information section.

**ALUM** .032" thick aluminum fixture, painted after fabrication

### ACCESSORIES

See back for **special reflectors**, ordered separately.

See Fluorescent Information section for **mounting accessories**.

### BALLAST TYPE

See Information section for complete ballast offering.

<b>EB1</b>	1-lamp electronic ballast
<b>EB2</b>	2-lamp electronic ballast
<b>EB4</b>	4-lamp electronic ballast
<b>EB2/2</b>	(2) 2-lamp electronic ballasts

### VOLTAGE

<b>120</b>	120V
<b>277</b>	277V
<b>UNV</b>	120-277V
<b>347</b>	347V



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T8

## PHOTOMETRY

Catalog #: **SM76-4-232-EB2**

### SPECIAL REFLECTORS

Reflectors are ordered separately. For additional styles, see Fluorescent Information section.

**Note:** Drawings represent reflector style. Actual cross-section will vary depending on fixture/lamp configuration.

**Example:**  
R1098-4-SM76 REFL

**R0272**



**R1098**



**R1360**

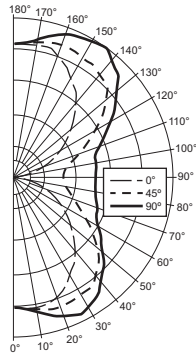


**R1362**



### TEST REPORT INFORMATION

- ▶ Test Report #: 8598.0
- ▶ Date: 12/27/95
- ▶ Lamp Type: F32T8/SPX35/RS
- ▶ Lamp Quantity: 2



### CANDLEPOWER DISTRIBUTION

Vertical Angle	Horizontal Angle			Zonal Lumens
	0°	45°	90°	
0°	696.	696.	696.	
5°	700.	702.	705.	67.0
15°	692.	728.	764.	206.2
25°	630.	724.	806.	333.3
35°	544.	707.	758.	424.5
45°	433.	620.	659.	452.1
55°	316.	486.	544.	419.4
65°	198.	362.	468.	352.9
75°	88.	288.	435.	294.2
85°	44.	266.	430.	259.1
90°	15.	254.	423.	
95°	17.	254.	423.	259.4
105°	92.	297.	433.	299.8
115°	203.	418.	522.	395.7
125°	324.	558.	642.	469.0
135°	445.	686.	767.	498.2
145°	556.	724.	838.	446.5
155°	644.	741.	825.	341.2
165°	714.	742.	781.	211.0
175°	714.	715.	719.	68.4
180°	709.	709.	709.	

### LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixture
0 - 30	606.	10.3	10.5
0 - 40	1031.	17.5	17.8
0 - 60	1902.	32.2	32.8
0 - 90	2809.	47.6	48.4
90 - 120	955.	16.2	16.5
90 - 130	1424.	24.1	24.6
90 - 150	2369.	40.1	40.9
90 - 180	2989.	50.7	51.6
<b>Total Luminaire:</b>			
0 - 180	5798.	98.3	100.0

Total Luminaire Optical Efficiency: **98.3%**  
IES Spacing Criteria: Across = 1.6, Along = 1.2

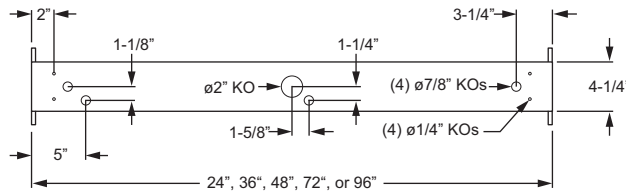
### ZONAL CAVITY COEFFICIENTS

	Ceiling			Wall			Floor			
	.80	.70	.50	.30	.70	.50	.30	.50	.30	.10
Room Cavity Ratio	0	1.05	1.05	1.05	.97	.97	.97	.81	.81	.81
1	.94	.89	.85	.87	.82	.79	.69	.66	.64	
2	.85	.77	.71	.78	.71	.65	.60	.55	.52	
3	.78	.68	.60	.71	.63	.56	.53	.47	.43	
4	.71	.60	.52	.65	.55	.48	.46	.41	.36	
5	.65	.53	.45	.59	.49	.41	.41	.35	.31	
6	.60	.47	.39	.54	.44	.36	.37	.31	.27	
7	.55	.42	.34	.50	.39	.32	.33	.27	.23	
8	.51	.38	.30	.46	.35	.28	.30	.24	.20	
9	.47	.34	.27	.43	.32	.25	.27	.21	.17	
10	.44	.31	.24	.40	.29	.22	.24	.19	.15	

Effective Floor Cavity Reflectance = .20

### FIXTURE DETAILS

#### BACK VIEW



Note: Center ø2" and ø7/8" KOs are on 4', 6', and 8' units only.

