

# STANDARD STRIP

# 76

## T5 | T8

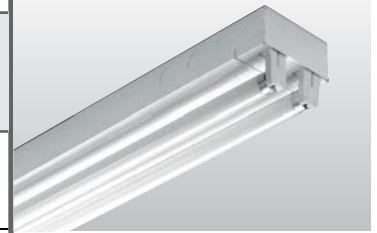
CATALOG #: \_\_\_\_\_ TYPE: \_\_\_\_\_

PROJECT: \_\_\_\_\_ NOTES: \_\_\_\_\_

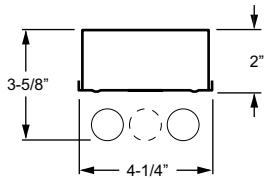
**EXAMPLE** **76 - 4 - 2 32 - OPTIONS - EB2 - UNV**

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



### CROSS SECTION



### ORDERING INFORMATION

**SERIES**  
**76** Standard Strip

**NOMINAL LENGTH**

<b>2</b>	2'
<b>3</b>	3'
<b>4</b>	4'
<b>6</b>	6'
<b>8</b>	8'

**TOTAL LAMPS**  
**1, 2, 3, 4, or 6** (1-, 2-, or 3-lamp cross-section)

**LAMP WATTAGE/TYPE**

<b>17</b>	2', 17-watt T8
<b>24T5H</b>	2', 24-watt T5HO
<b>25</b>	3', 25-watt T8
<b>28T5S</b>	4', 28-watt T5
<b>32</b>	4', 32-watt T8
<b>54T5H</b>	4', 54-watt T5HO
<b>59</b>	8', 59-watt T8
<b>86</b>	8', 86-watt T8 (1- or 2-lamp cross-section)

**OPTIONS**  
 For generic EM ballast options (must specify voltage), see [Technical Info](#).  
**ALUM** .032" thick aluminum fixture, painted after fabrication

**ACCESSORIES**  
 See back for [special reflectors](#), ordered separately.  
 See Technical Info for [mounting accessories](#).  
**WG-7611** 11-gauge white powder coat wireguard  
**WG-7614** 14-gauge white powder coat wireguard

**BALLAST TYPE**  
 See Technical info for [complete ballast offering](#).  
**EB1** 1-lamp electronic ballast  
**EB2** 2-lamp electronic ballast  
**EB3** 3-lamp electronic ballast  
**EB4** 4-lamp electronic ballast  
**EB4/2** (1) 4-lamp and (1) 2-lamp electronic ballast

**VOLTAGE**

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

### FEATURES

- ▶ Hinging/locking lamp brackets and factory-mounted, prewired sockets reduce installation time.
- ▶ Available in 2', 3', 4', 6', and 8' lengths.
- ▶ Channel connector furnished for continuous row applications (included with 8' units only).
- ▶ 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.



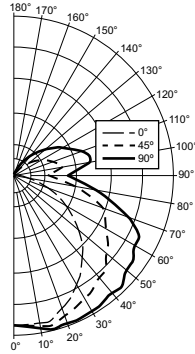
### SPECIFICATIONS

**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, program start T5, rated Class P.  
**Mounting** – Surface or suspended.  
**Labels** – UL/CUL listed as fluorescent luminaire suitable for dry or damp locations.

### PHOTOMETRY

#### TEST REPORT INFORMATION

- ▶ Test Report #: 8591.0
- ▶ Date: 12/27/95
- ▶ Lamp Type: F32T8/SPX35/RS
- ▶ Lamp Quantity: 2



#### CANDLEPOWER DISTRIBUTION

Vertical Angle	Horizontal Angle			Zonal Lumens
	0°	45°	90°	
0°	1128.	1128.	1128.	
5°	1135.	1135.	1142.	108.4
15°	1120.	1155.	1192.	327.3
25°	1033.	1117.	1191.	515.1
35°	897.	1044.	1166.	651.8
45°	740.	977.	1150.	744.2
55°	555.	860.	1093.	759.7
65°	361.	763.	1025.	728.6
75°	171.	597.	761.	566.8
85°	29.	394.	495.	350.2
90°	3.	244.	403.	
95°	0.	309.	468.	303.0
105°	0.	323.	574.	321.9
115°	0.	237.	441.	219.0
125°	0.	150.	333.	136.7
135°	0.	68.	200.	63.9
145°	0.	13.	90.	19.2
155°	0.	0.	13.	2.3
165°	0.	0.	0.	.0
175°	0.	0.	0.	.0
180°	0.	0.	0.	

#### ZONAL CAVITY COEFFICIENTS

	Ceiling			.70			.50			
	Wall	.70	.50	.30	.70	.50	.30	.50	.30	.10
Room Cavity Ratio	0	1.13	1.13	1.13	1.08	1.08	1.08	1.00	1.00	1.00
	1	1.01	.96	.91	.97	.92	.87	.84	.81	.78
	2	.91	.82	.75	.87	.79	.72	.72	.67	.62
	3	.83	.72	.63	.79	.69	.61	.63	.57	.51
	4	.75	.63	.54	.72	.60	.52	.56	.49	.43
	5	.68	.55	.46	.65	.53	.44	.49	.41	.36
	6	.63	.49	.40	.59	.47	.38	.43	.36	.31
	7	.58	.44	.35	.55	.42	.34	.39	.32	.26
	8	.53	.39	.30	.50	.38	.29	.35	.28	.23
	9	.49	.35	.27	.46	.34	.26	.31	.24	.19
	10	.45	.32	.24	.43	.31	.23	.28	.22	.17

Effective Floor Cavity Reflectance = .20

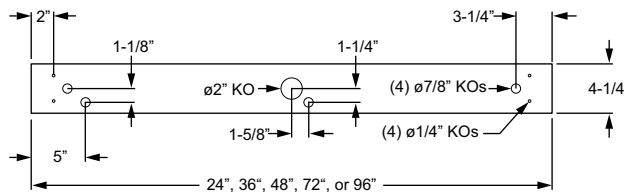
#### LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixture
0 - 30	951.	16.1	16.3
0 - 40	1603.	27.2	27.5
0 - 60	3107.	52.7	53.4
0 - 90	4752.	80.5	81.7
90 - 120	844.	14.3	14.5
90 - 130	981.	16.6	16.9
90 - 150	1064.	18.0	18.3
90 - 180	1066.	18.1	18.3
<b>Total Luminaire:</b>			
0 - 180	5818.	98.6	100.0

Total Luminaire Optical Efficiency: **98.6%**  
 IES Spacing Criteria: Across = 1.6, Along = 1.3

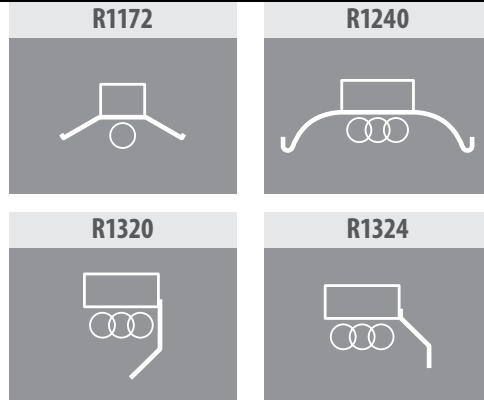
### FIXTURE DETAILS

#### BACK VIEW



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

### REFLECTOR DETAILS



Reflectors are ordered separately. **Example: R1172-4-76 REFL** For additional styles, see [Technical Info](#).  
 Clear polycarbonate reflector aligners for continuous row applications (8' unit only) are ordered with reflectors.  
**Note:** Drawings represent reflector style. Actual cross-section will vary depending on fixture/lamp configuration.

