

STANDARD STRIP

76

SUBMITTAL:

T5 | T8

JOB:

TYPE:

VOLTAGE:

EXAMPLE

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

SERIES

NOMINAL
LENGTH

TOTAL WATTAGE/
LAMPS TYPE

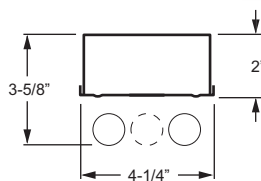
OPTIONS

BALLAST
TYPE

VOLTAGE

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.

ORDERING INFORMATION

SERIES

76 Standard Strip

NOMINAL LENGTH

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

TOTAL LAMPS

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

LAMP WATTAGE/TYPE

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

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**.

WG-7611 11-gauge white powder coat wireguard

WG-7614 14-gauge white powder coat wireguard

BALLAST TYPE

See Information section 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

120 120V

277 277V

UNV 120-277V

347 347V



T5 | T8

PHOTOMETRY

Catalog #: 76-4-232-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: R1172-4-76 REFL

R1172



R1240



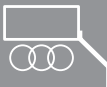
R1289



R1320

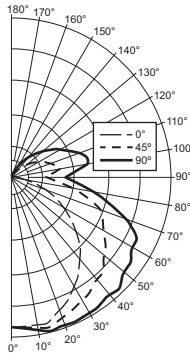


R1324



TEST REPORT INFORMATION

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



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

Total Luminaire:

0 - 180 5818. 98.6 100.0

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

CANDLEPOWER DISTRIBUTION

Vertical Angle	Horizontal Angle 0°	Horizontal Angle 45°	Horizontal Angle 90°	Zonal Lumens
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.	

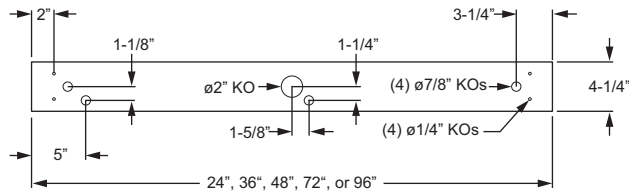
ZONAL CAVITY COEFFICIENTS

Room Cavity Ratio	Ceiling			Wall			Floor		
	.70	.50	.30	.70	.50	.30	.50	.30	.10
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

FIXTURE DETAILS

BACK VIEW



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