

T8 STAGGERED STRIP

74

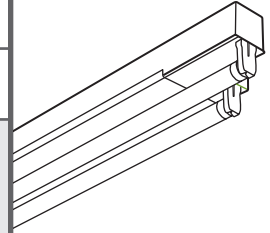
SUBMITTAL:

T8

JOB:

TYPE:

VOLTAGE:



EXAMPLE

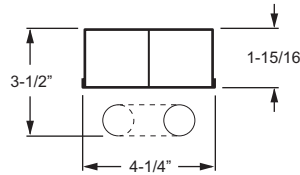
74 - 4 - 2 32 - OPTIONS - EB2 - UNV

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



FEATURES

- ▶ 3" offset housing ensures uniform illumination in continuous row applications—ideal for cove lighting.
- ▶ Factory-mounted, prewired sockets cut installation time.
- ▶ 1- or 2-lamp cross-section available.
- ▶ Quarter-turn fastener secures wireway cover to housing.
- ▶ 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

74 T8 Staggered 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. Size restrictions apply.

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.

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

VOLTAGE

120 120V
277 277V
UNV 120-277V
347 347V

T8

PHOTOMETRY

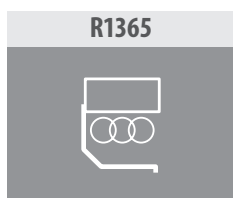
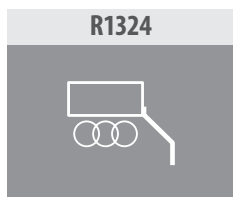
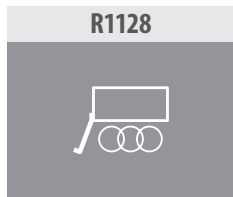
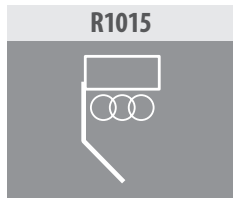
Catalog #: 74-4-232-EB2

SPECIAL REFLECTORS

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

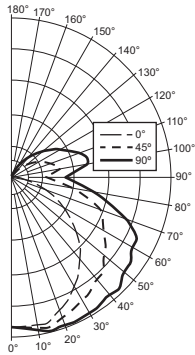
Note: Drawings represent reflector style. Actual cross-section will vary depending on fixture/lamp configuration.

Example:
R1015-4-74 REFL



TEST REPORT INFORMATION

- ▶ Test Report #: 8588.0
- ▶ Date: 12/27/95
- ▶ Lamp Type: F32T8/SPX35/RS
- ▶ Lamp Quantity: 2



CANDLEPOWER DISTRIBUTION

Vertical Angle	Horizontal Angle			Zonal Lumens
	0°	45°	90°	
0°	1102.	1102.	1102.	
5°	1106.	1107.	1112.	105.7
15°	1109.	1140.	1170.	323.0
25°	1004.	1082.	1160.	500.8
35°	873.	1021.	1140.	636.1
45°	724.	964.	1133.	731.6
55°	542.	845.	1067.	743.4
65°	353.	736.	1015.	712.0
75°	165.	588.	753.	553.6
85°	28.	311.	469.	313.8
90°	3.	233.	388.	
95°	0.	308.	456.	299.0
105°	0.	325.	561.	320.9
115°	0.	251.	445.	227.4
125°	0.	166.	348.	147.8
135°	0.	81.	221.	71.9
145°	0.	22.	112.	25.3
155°	0.	0.	17.	2.7
165°	0.	0.	0.	0.0
175°	0.	0.	0.	0.0
180°	0.	0.	0.	

LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixture
0 - 30	930.	15.8	16.3
0 - 40	1566.	26.5	27.4
0 - 60	3041.	51.5	53.2
0 - 90	4620.	78.3	80.8
90 - 120	847.	14.4	14.8
90 - 130	995.	16.9	17.4
90 - 150	1092.	18.5	19.1
90 - 180	1095.	18.6	19.2
Total Luminaire:			
0 - 180	5715.	96.9	100.0

Total Luminaire Optical Efficiency: **96.9%**
IES Spacing Criteria: Across = 1.6, Along = 1.3

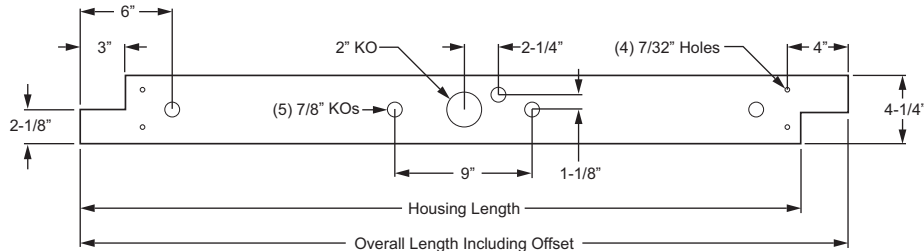
ZONAL CAVITY COEFFICIENTS

Room Cavity Ratio	Ceiling			Wall			Floor			
	.80	.70	.50	.30	.70	.50	.30	.50	.30	.10
0	1.11	1.11	1.11	1.06	1.06	1.06	.97	.97	.97	
1	1.00	.94	.90	.95	.90	.86	.83	.79	.76	
2	.90	.81	.74	.85	.77	.71	.71	.66	.61	
3	.81	.70	.62	.77	.68	.60	.62	.56	.50	
4	.74	.62	.53	.70	.59	.51	.55	.48	.42	
5	.67	.54	.45	.64	.52	.44	.48	.41	.35	
6	.61	.48	.39	.58	.46	.38	.42	.35	.30	
7	.57	.43	.34	.54	.41	.33	.38	.31	.26	
8	.52	.38	.30	.49	.37	.29	.34	.27	.22	
9	.48	.35	.26	.46	.33	.25	.31	.24	.19	
10	.45	.31	.24	.42	.30	.23	.28	.21	.17	

Effective Floor Cavity Reflectance = .20

FIXTURE DETAILS

BACK VIEW

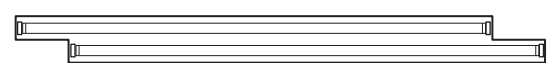


Note: Center punching is in 6' and 8' units only.

1-LAMP CROSS-SECTION



2-LAMP CROSS-SECTION



CATALOG NUMBER	NOMINAL LENGTH	HOUSING LENGTH	OVERALL LENGTH INCLUDING OFFSET
74-2-117	2'	21"	24"
74-3-125	3'	33"	36"
74-4-132	4'	45"	48"
74-6-225 ¹	6'	66"	69"
74-8-232 ¹	8'	90"	93"
74-8-159	8'	93"	96"
74-8-186	8'	93"	96"

CATALOG NUMBER	NOMINAL LENGTH	HOUSING LENGTH	OVERALL LENGTH INCLUDING OFFSET
74-2-117	2'	24"	27"
74-3-225	3'	36"	39"
74-4-232	4'	48"	51"
74-6-425 ¹	6'	72"	75"
74-8-432 ¹	8'	96"	99"
74-8-259	8'	96"	99"
74-8-286	8'	96"	99"

¹ Tandem mounted units.

