

LOW-PROFILE WRAP

18

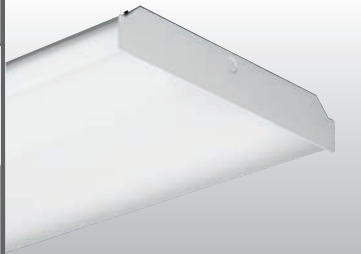
T5 | T8

CATALOG #: _____ TYPE: _____

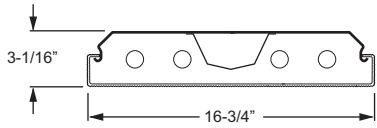
PROJECT: _____ NOTES: _____

EXAMPLE **18 - 4 - 4 32 - A - OPTIONS - EB4 - UNV**

SERIES NOM. L. TOTAL WATTAGE/LAMPS SHIELDING OPTIONS BALLAST TYPE VOLTAGE



CROSS SECTION



ORDERING INFORMATION

SERIES
18 Low-Profile Wrap

NOMINAL LENGTH
2 2'
4 4'

TOTAL LAMPS
2 or 4

LAMP WATTAGE/TYPE
14T5S 2', 14-watt T5
17 2', 17-watt T8
31UN 2', U-bent, 31-watt T8, 1-5/8" leg spacing (2' length only)
28T5S 4', 28-watt T5
32 4', 32-watt T8

SHIELDING
A Clear prismatic acrylic diffuser

OPTIONS
See Technical Info for [mounting accessories](#) and [generic EM ballast options](#) (must specify voltage).

BALLAST TYPE
See Technical Info for complete [ballast offering](#).
EB2 2-lamp electronic ballast
EB4 4-lamp electronic ballast

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

FEATURES

- ▶ Low-profile wrap-around provides uniform downward light distribution and subtle side illumination
- ▶ Shallow depth provides sleek, low-profile appearance.
- ▶ Diffuser is secured continuously along luminaire sides.
- ▶ Mounts easily as a single fixture or in continuous row installations.
- ▶ Wireway is accessible without the use of tools.
- ▶ 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.



PHOTOMETRY

Catalog #: 18-4-432-A-EB2/2-UNV

SPECIFICATIONS

Housing – 20-gauge die-formed C.R.S. End plates constructed of 19-gauge die-formed C.R.S.

Shielding – Clear prismatic acrylic diffuser with 15% DR additive, .100" nominal thickness. Prismatic bottom/continuous wrap sides.

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.

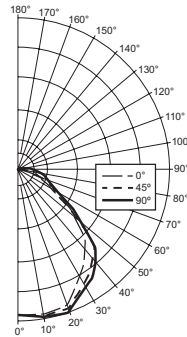
Electrical – Electronic ballast standard, instant start T8, program start T5, rated class P.

Mounting – Surface or suspended.

Labels – UL/CUL listed as fluorescent luminaire suitable for dry or damp locations.

TEST REPORT INFORMATION

- ▶ Test Report #: 8302.0
- ▶ Date: 06/02/95
- ▶ Lamp Type: F32T8/735
- ▶ Lamp Quantity: 4



CANDLEPOWER DISTRIBUTION

Vertical Angle	Horizontal Angle			Zonal Lumens
	0°	45°	90°	
0°	3333.	3333.	3333.	
5°	3323.	3333.	3330.	317.9
15°	3306.	3360.	3395.	951.1
25°	3048.	3177.	3240.	1463.3
35°	2653.	2859.	2976.	1784.3
45°	2195.	2483.	2522.	1879.1
55°	1340.	1546.	1406.	1308.7
65°	650.	787.	848.	768.0
75°	329.	446.	633.	489.5
85°	108.	254.	429.	289.3
90°	0.	171.	312.	
95°	0.	185.	297.	176.9
105°	7.	144.	193.	131.7
115°	17.	100.	131.	88.1
125°	26.	82.	103.	66.3
135°	29.	68.	85.	48.8
145°	37.	61.	74.	37.1
155°	38.	49.	52.	22.2
165°	46.	55.	54.	15.0
175°	38.	40.	40.	3.7
180°	37.	37.	37.	

LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixture
0° - 30°	2732.	24.0	27.8
0° - 40°	4517.	39.6	45.9
0° - 60°	7705.	67.6	78.3
0° - 90°	9252.	81.2	94.0
90° - 120°	397.	3.5	4.0
90° - 130°	463.	4.1	4.7
90° - 150°	549.	4.8	5.6
90° - 180°	590.	5.2	6.0
Total Luminaire:			
0° - 180°	9842.	86.3	100.0

Total Luminaire Optical Efficiency: 86.3%
Spacing Criteria: Across: 1.3
Diagonal: 1.4

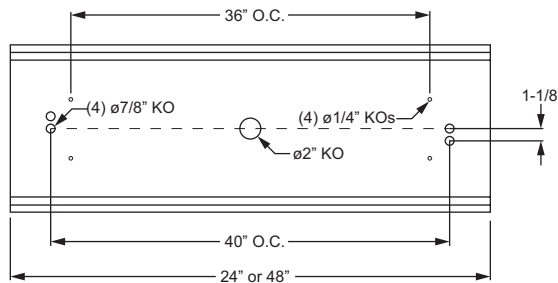
ZONAL CAVITY COEFFICIENTS

	Ceiling	.80			.70			.50		
	Wall	.70	.50	.30	.70	.50	.30	.50	.30	.10
0	1.02	1.02	1.02		.99	.99	.99	.93	.93	.93
1	.94	.90	.86		.91	.87	.84	.83	.80	.78
2	.86	.80	.74		.83	.78	.73	.74	.70	.66
3	.79	.71	.65		.77	.69	.63	.66	.61	.57
4	.73	.64	.57		.71	.62	.56	.59	.54	.49
5	.67	.57	.49		.65	.55	.49	.53	.47	.43
6	.62	.51	.44		.60	.50	.43	.48	.42	.37
7	.57	.46	.39		.55	.45	.38	.43	.37	.33
8	.52	.41	.34		.51	.40	.33	.39	.33	.28
9	.48	.37	.30		.47	.36	.29	.35	.29	.24
10	.45	.33	.27		.43	.33	.26	.31	.26	.22

Effective Floor Cavity Reflectance = .20

FIXTURE DETAILS

BACK VIEW



Note: Midsection punching for 4' units only.