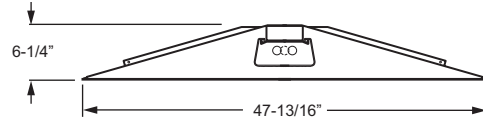
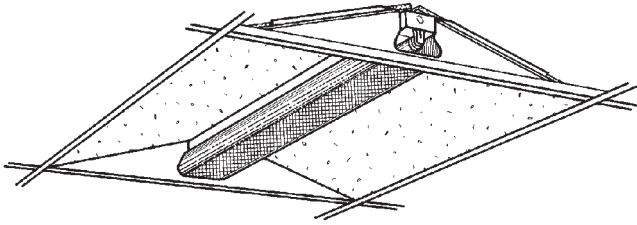


# 1 or 2 LAMP VAULTED WRAP



SERIES **VS4**  
 JOB \_\_\_\_\_  
 TYPE \_\_\_\_\_  
 VOLTAGE \_\_\_\_\_



## SPECIFICATIONS

- **Housing** – Die-formed C.R.S.
- **Shielding** – .115" nominal thickness extruded clear acrylic prismatic diffuser.
- **Finish** – 92% minimum average reflective white polyester powder coat bonded to phosphate-free, multi-stage pretreated metal.
- **Electrical** – Electronic ballast standard, instant start T8, rated Class P.
- **Mounting** – Mount in 4' x 4' opening, NEMA Type "G" standard.
- **Labels** – UL/CUL listed as fluorescent luminaire suitable for dry or damp locations.

## FEATURES

- Optical efficiencies up to 85.3%
- Standard ceiling tiles require no cutting.
- Continuous diffuser support along luminaire sides.
- Individual or continuous row mounting.
- 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.
- All parts painted after fabrication to facilitate installation, increase efficiency, and inhibit corrosion.
- This fixture is proudly made in the USA.

## ORDERING INFORMATION



EXAMPLE: SERIES **VS4** - NOM. L. **4** - TOTAL WATTAGE/LAMPS **2** **32** - TYPE **A** - SHIELDING **OPTIONS** - BALLAST TYPE **EB2** - VOLTAGE **UNV**

SERIES	
VS4	Vaulted Wrap
NOMINAL LENGTH	
4	4'
8	8' (two 4' tandem units)
TOTAL LAMPS	
1, 2, or 4 (1- or 2-lamp cross-section)	

LAMP WATTAGE/TYPE	
32	4', 32-watt T8
SHIELDING	
A	.115" nominal thickness extruded clear acrylic prismatic diffuser
OPTIONS	
For generic EM ballast options, see Information section.	

BALLAST TYPE	
EB1	1-lamp electronic ballast
EB2	2-lamp electronic ballast
EB4	4-lamp electronic ballast
EB2/2	(2) 2-lamp electronic ballasts
VOLTAGE	
120	120V
277	277V
UNV	120 - 277V
347	347V



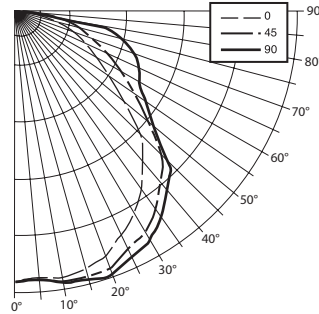
FLUORESCENT LIGHTING

Williams Catalog #VS4-4-232-A-EB2-120  
 Test Report #8405.0, Dated 08/16/95

Lamp Type: F32T8/735/RS  
 Lamp Quantity: 2

### CANDLEPOWER DISTRIBUTION

VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0	45	90	
0	1588.	1588.	1588.	
5	1568.	1574.	1577.	150.2
15	1561.	1604.	1627.	453.3
25	1436.	1533.	1585.	704.8
35	1262.	1407.	1463.	870.4
45	1019.	1196.	1253.	904.9
55	633.	815.	892.	713.1
65	419.	559.	758.	559.0
75	216.	357.	626.	410.7
85	58.	119.	55.	94.0
90	0.	0.	0.	



### LUMEN SUMMARY

ZONE	LUMENS	%LAMP	% FIXTURE
0 - 30	1308.	23.0	26.9
0 - 40	2179.	38.2	44.8
0 - 60	3797.	66.6	78.1
0 - 90	4860.	85.3	100.0
0 - 180	4860.	85.3	100.0

**TOTAL LUMINAIRE OPTICAL EFFICIENCY = 85.3%**  
 SPACING CRITERIA: END=1.3 ACROSS=1.4

### ZONAL CAVITY COEFFICIENTS

EFFECTIVE FLOOR CAVITY REFL. = .20

WALL RCR	.80			.70			.50		
	.70	.50	.30	.70	.50	.30	.50	.30	.10
0	1.02	1.02	1.02	.99	.99	.99	.99	.95	.95
1	.93	.89	.86	.91	.87	.84	.81	.81	.79
2	.85	.78	.73	.83	.77	.72	.67	.69	.66
3	.78	.69	.63	.76	.68	.62	.57	.60	.56
4	.72	.62	.54	.70	.61	.54	.49	.53	.48
5	.65	.55	.47	.64	.54	.47	.41	.46	.41
6	.60	.49	.41	.59	.48	.41	.36	.40	.35
7	.55	.44	.36	.54	.43	.36	.31	.36	.31
8	.51	.39	.32	.50	.39	.32	.27	.31	.27
9	.47	.35	.28	.46	.35	.28	.23	.27	.23
10	.44	.32	.25	.42	.31	.25	.20	.25	.20

## NOTES

- 4' unit uses (2) standard 2' x 4' ceiling tiles per fixture, which are to be supplied by others. No cutting required.
- 8' unit uses (4) standard 2' x 4' ceiling tiles per fixture, which are to be supplied by others. No cutting required.
- Catalog No. VS4-8-232-TW1-EB2 consists of (2) 4' fixtures mounted end-to-end. One 4' unit has a two-lamp ballast. Tandem-in-Line wiring is provided by a wiring harness complete with a polarized plug-in connector.
- For various quick connect branch circuit wiring options, refer to Information section.



H. E. WILLIAMS, INC.