

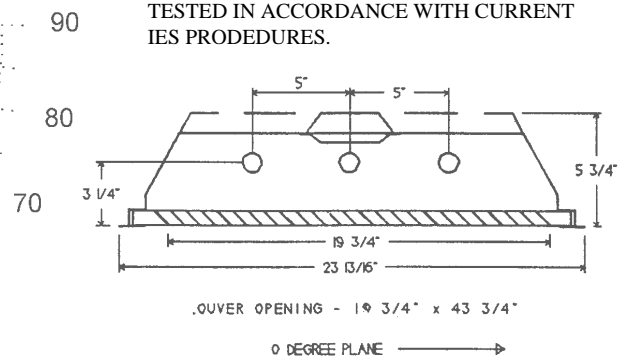
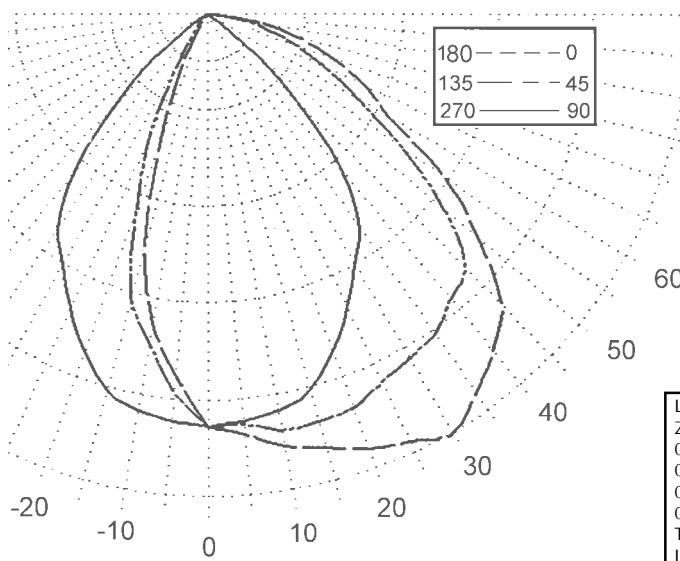


ANGLEFLUX

3/4" x 3/4" x 3/4" *directional*

PHOTOMETRIC TEST DATA

Catalog Number: AF-24
 Building Acoustics & Lighting Laboratories, Inc.
 Certified Test Report: 8745.0
 Commercially available **2x4 troffer**: Refl=92%
3-32 Watt T8 Lamps: F32T8/735/RS
 Rated Lumens: 2850
 Watts: 87



LUMEN SUMMARY				
ZONE	LUMENS	%LAMP	%FIXT	ZONE
0- 30	1473.	17.2	38.5	90-120
0- 40	2214.	25.9	57.8	90-130
0- 60	3413.	39.9	89.2	90-150
0- 90	3827.	44.8	100.0	90-180
TOTAL				
LUMINAIRE	0-180	3827.	44.8	100.00

CANDLEPOWER DISTRIBUTION
 0 DEGREE PLANE CONTAINS MAXIMUM CANDLEPOWER

HORIZONTAL LUMENS												
VERT	.0	22.5	45.	67.5	90	112.5	135.0	157.5	180.0	FRONT	BACK	TOTAL
0	2242.	2242.	2242.	2242.	2242.	2242.	2242.	2242.	2242.			
5	2295.	2270.	2239.	2246.	2223.	2162.	2071.	2004.	1979.	107.81	99.4	207.2
10	2385.	2364.	2297.	2238.	2185.	2013.	1824.	1753.	1719.			
15	2442.	2404.	2292.	2213.	2123.	1837.	1609.	1403.	1308.	327.21	229.6	556.8
20	2517.	2440.	2277.	2110.	1961.	1536.	1125.	850.	729.			
25	2565.	2450.	2213.	1973.	1775.	1248.	716.	454.	304.	511.81	196.9	708.8
30	2630.	2475.	2162.	1820.	1577.	827.	273.	65.	21.			
35	2521.	2457.	2130.	1760.	1429.	485.	55.	16.	0.	662.3	78.7	741.0
40	2398.	2305.	2031.	1600.	1133.	145.	14.	0.	0.			
45	2249.	2193.	1964.	1416.	713.	26.	0.	0.	0.	698.7	5.0	703.8
50	1902.	1820.	1665.	1123.	351.	13.	0.	0.	0.			
55	1565.	1493.	1282.	718.	91.	0.	0.	0.	0.	495.9	.0	495.9
60	1123.	1096.	939.	292.	8.	0.	0.	0.	0.			
65	943.	875.	706.	142.	0.	0.	0.	0.	0.	252.4	.0	252.4
70	719.	669.	526.	55.	0.	0.	0.	0.	0.			
75	526.	484.	368.	16.	0.	0.	0.	0.	0.	132.2	.0	132.2
80	332.	304.	222.	0.	0.	0.	0.	0.	0.			
85	124.	107.	63.	0.	0.	0.	0.	0.	0.	29.2	.0	29.2
90	0.	0.	0.	0.	0.	0.	0.	0.	0.			

ZONAL CAVITY COEFFICIENTS OF UTILIZATION
 EFFECTIVE FLOOR CAVITY REFLECTANCE=.20

CEILING	.80		.70		.50		.30		.10		.00							
	.70	.50	.30	.10	.70	.50	.30	.10	.50	.30	.10	.00						
0	.53	.53	.53	.53	.52	.52	.52	.52	.50	.50	.48	.48	.46	.46	.46	.45		
1	.50	.48	.47	.45	.49	.47	.46	.45	.44	.43	.44	.43	.42	.42	.41	.40		
2	.46	.43	.41	.39	.45	.43	.40	.38	.41	.39	.38	.40	.38	.37	.38	.36	.35	
3	.43	.39	.36	.34	.42	.39	.36	.34	.37	.35	.33	.36	.34	.32	.35	.33	.31	
4	.40	.35	.32	.30	.39	.35	.32	.29	.34	.31	.29	.33	.31	.29	.32	.30	.28	.28
5	.37	.32	.29	.26	.36	.32	.28	.26	.31	.28	.26	.30	.27	.25	.29	.27	.25	.24
6	.34	.29	.26	.23	.34	.29	.25	.23	.28	.25	.23	.27	.25	.23	.27	.24	.22	.22
7	.32	.26	.23	.21	.31	.26	.23	.20	.25	.22	.20	.25	.22	.20	.24	.22	.20	.19
8	.29	.24	.21	.18	.29	.24	.20	.18	.23	.20	.18	.23	.20	.18	.22	.20	.18	.17
9	.27	.22	.18	.16	.27	.21	.18	.16	.21	.18	.16	.20	.18	.16	.20	.18	.16	.15
10	.25	.20	.17	.14	.25	.20	.16	.14	.19	.16	.14	.19	.16	.14	.18	.16	.14	.13



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TESTED IN ACCORDANCE WITH CURRENT
IES PRODEDURES.

IES SPACING CRITERIA:
END:
DIAGONAL:
CROSS: