

Photometric Report

CATALOG NUMBER: FS4-6F32-A-N

Monday, December 22, 2008

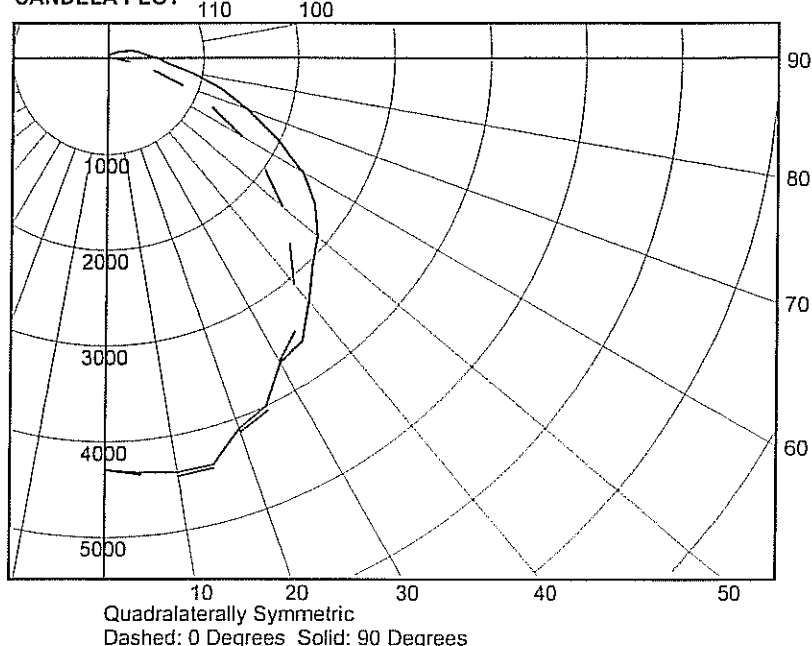
FILENAME: FS4-6F32-A-N.IES

IESNA:LM-63-2002
 [TEST]BALLABS TEST NO. 14137.0
 [TESTLAB] BUILDING ACOUSTICS & LIGHTING LABORATORIES, INC
 [ISSUE DATE] 02-JUN-2008
 [MANUFAC] GUTH LIGHTING-ST. LOUIS, MO
 [LUMINAIRE] 6/32W T8 LAMP 521.5x14.5x6"ENCLOSED & GASKETED LUMINAIRE
 [LUMINAIRE] SPECULAR REFLECTOR w/CLEAR ACRYLIC DROP LENS REFL=86%
 [LUMINAIRE] ADVANCE BALLAST #ICN-4P32-SC & ICN-2P32-SC WATTS=141
 [LUMCAT] FS4-6F32-A-N
 [LAMP CAT] F32WT8/835/RS

SUMMARY DATA

EFFICIENCY (Total): 77.3 %
 EFFICIENCY (Downlight): 73.6 %
 EFFICIENCY (Uplight): 3.6 %
 CIE CLASSIFICATION: DIRECT
 SPACING CRITERION (0-Deg.): 1.27
 SPACING CRITERION (90-Deg.): 1.29
 LUMENS/LAMP: 2950
 NO. OF LAMPS: 6
 LUMINOUS OPENING: RECTANGULAR
 Width: 1.13 (Feet)
 Length: 4.23
 Height: 0.25
 INPUT WATTS: 141

CANDELA PLOT



ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Luminaire
0 - 30	3456.8	19.5	25.3
0 - 40	5613.7	31.7	41.0
0 - 60	9916.2	56.0	72.5
60 - 90	3116.5	17.6	22.8
0 - 90	13032.7	73.6	95.3
90 - 180	643.1	3.6	4.7
0 - 180	13675.8	77.3	100.0

AVERAGE LUMINANCE

(Candelas / Square Meter)

Angle	0	22.5	45	67.5	90
0	9717	9717	9717	9717	9717
45	8238	7701	7640	7689	7998
55	7377	6745	7234	7743	7983
65	5725	5557	6499	6861	7063
75	3545	4356	5087	5578	5911
85	1224	2390	3608	4133	4561

COEFFICIENT OF UTILIZATION TABLE

Effective Floor Cavity Reflectance = 20%

Pcc ...	80				70				50			30			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	.91	.91	.91	.91	.89	.89	.89	.89	.84	.84	.84	.79	.79	.79	.76	.76	.76	.74
1	.83	.79	.75	.72	.80	.76	.73	.70	.73	.70	.67	.69	.67	.65	.65	.64	.62	.60
2	.75	.68	.63	.58	.72	.66	.61	.57	.63	.59	.55	.60	.57	.53	.57	.54	.52	.50
3	.68	.60	.53	.48	.66	.58	.52	.47	.55	.50	.46	.53	.48	.45	.50	.47	.44	.42
4	.62	.53	.46	.41	.60	.52	.45	.40	.49	.44	.39	.47	.42	.38	.45	.41	.37	.36
5	.57	.47	.40	.35	.55	.46	.39	.35	.44	.38	.34	.42	.37	.33	.40	.36	.32	.31
6	.53	.42	.35	.30	.51	.41	.35	.30	.40	.34	.30	.38	.33	.29	.37	.32	.28	.27
7	.49	.38	.32	.27	.47	.38	.31	.27	.36	.30	.26	.35	.30	.26	.33	.29	.25	.24
8	.46	.35	.28	.24	.44	.34	.28	.24	.33	.27	.23	.32	.27	.23	.31	.26	.23	.21
9	.43	.32	.26	.21	.41	.32	.25	.21	.30	.25	.21	.29	.24	.21	.28	.24	.20	.19
10	.40	.30	.24	.19	.39	.29	.23	.19	.28	.23	.19	.27	.22	.19	.26	.22	.19	.17

Reported data calculated from manufacturer's data file, based on IESNA recommended methods.