

EYELITE®

from EYE Lighting

IES ROAD REPORT

PHOTOMETRIC FILENAME : IES FILE - EYELITE MPL-L28-840-5 (277V).IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-1995
[TEST]
[ISSUEDATE] 2017-12-26 15:32
[MANUFAC] AST
[LUMCAT]
[LUMINAIRE] MPL-L28-840-5
[LAMPCAT]
[LAMP]
[VOLTAGE]
[CURRENT]
[POWERFACTOR]
[TESTLAB]
[TESTINST] GPM-3000
[TESTDIST] 17.398 m

CHARACTERISTICS

IES Classification	Type VS
Longitudinal Classification	Medium
Lumens Per Lamp	27711.6 (1 lamp)
Total Lamp Lumens	27711.6
Luminaire Lumens	27706
Downward Total Efficiency	100 %
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	124
Total Luminaire Watts	223.41
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	7523.29
Maximum Candela Angle	315H 76V
Maximum Candela (<90 Degrees Vertical)	7523.29
Maximum Candela Angle (<90 Degrees Vertical)	315H 76V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Lamp Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	7342.9 (26.5% Lamp Lumens)
Cutoff Classification (deprecated)	Non-Cutoff



IES ROAD REPORT**PHOTOMETRIC FILENAME : IES FILE - EYELITE MPL-L28-840-5 (277V).IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1369.8	4.9	4.9
FM - Front-Medium (30-60)	5465.4	19.7	19.7
FH - Front-High (60-80)	6212.9	22.4	22.4
FVH - Front-Very High (80-90)	950.4	3.4	3.4
BL - Back-Low (0-30)	1349.6	4.9	4.9
BM - Back-Medium (30-60)	5306.5	19.1	19.2
BH - Back-High (60-80)	6062.4	21.9	21.9
BVH - Back-Very High (80-90)	989.4	3.6	3.6
UL - Uplight-Low (90-100)	0.0	0.0	0.0
UH - Uplight-High (100-180)	0.0	0.0	0.0
Total	27706.4	99.9	100.0
BUG Rating	B5-U0-G5		

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CANDELA TABULATION

Vert. Angles	Horizontal Angles									
	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>	<u>112.5</u>	<u>135.0</u>	<u>157.5</u>	<u>180.0</u>	<u>202.5</u>
0	2822.20	2822.20	2822.20	2822.20	2822.20	2822.20	2822.20	2822.20	2822.20	2822.20
1	2824.02	2815.97	2846.72	2830.23	2827.52	2817.79	2765.86	2792.90	2821.88	2817.69
2	2827.46	2817.47	2846.72	2830.77	2824.28	2814.00	2764.24	2791.55	2822.31	2820.48
3	2831.65	2820.37	2846.45	2826.71	2820.22	2812.38	2760.45	2793.17	2824.99	2824.99
4	2838.52	2825.10	2851.32	2827.79	2824.55	2809.40	2761.80	2796.15	2828.75	2831.33
5	2845.61	2831.22	2855.11	2834.28	2822.38	2813.73	2765.05	2804.80	2834.23	2839.70
6	2854.52	2838.74	2856.46	2838.34	2823.46	2817.51	2774.78	2803.99	2842.39	2850.01
7	2866.77	2849.05	2869.17	2843.48	2830.77	2822.38	2776.14	2806.70	2851.09	2862.04
8	2879.33	2860.00	2875.39	2853.75	2838.34	2828.87	2782.09	2819.41	2862.36	2875.25
9	2893.40	2874.18	2888.37	2864.30	2849.70	2840.23	2787.77	2822.92	2874.50	2890.61
10	2910.05	2888.78	2896.76	2872.69	2859.70	2849.43	2799.12	2834.82	2888.57	2907.79
11	2928.20	2904.35	2912.44	2895.13	2872.96	2859.70	2811.02	2848.35	2905.32	2929.48
12	2949.03	2923.79	2932.45	2904.06	2890.54	2876.47	2827.52	2866.47	2922.40	2950.10
13	2970.08	2943.02	2946.79	2922.99	2904.87	2890.27	2844.83	2879.72	2940.87	2972.66
14	2992.85	2964.50	2968.97	2942.46	2923.26	2909.20	2859.70	2897.03	2962.56	2997.46
15	3017.76	2987.37	2987.63	2957.61	2947.06	2930.02	2884.86	2919.47	2985.33	3021.84
16	3044.61	3012.50	3012.24	2985.73	2969.78	2947.87	2904.33	2937.32	3010.46	3049.87
17	3073.61	3038.70	3038.47	3010.34	2989.52	2973.56	2928.40	2967.61	3038.81	3082.74
18	3105.40	3066.30	3068.22	3037.12	3017.38	2999.80	2951.12	2987.90	3065.77	3115.71
19	3143.09	3095.84	3085.53	3061.73	3044.96	3020.35	2976.00	3014.67	3094.98	3150.93
20	3177.24	3132.24	3130.42	3095.80	3072.82	3053.89	3003.04	3041.99	3125.80	3187.77
21	3215.37	3166.40	3156.93	3118.79	3101.21	3082.28	3033.06	3073.63	3158.77	3226.32
22	3256.07	3202.26	3195.33	3154.22	3133.40	3113.11	3068.76	3107.16	3194.00	3267.24
23	3296.88	3242.00	3230.22	3185.05	3168.55	3150.43	3102.02	3139.62	3235.56	3313.85
24	3344.67	3281.95	3271.32	3226.70	3210.47	3188.03	3139.08	3170.99	3274.54	3356.91
25	3390.42	3325.45	3303.24	3261.59	3248.61	3229.13	3177.75	3209.66	3315.67	3401.27
26	3438.75	3371.84	3338.40	3301.89	3291.88	3271.60	3222.91	3248.61	3363.14	3453.67
27	3488.47	3418.23	3384.37	3347.05	3332.45	3313.24	3258.61	3291.07	3409.43	3504.47
28	3539.37	3466.24	3431.70	3392.76	3379.50	3354.35	3301.89	3328.93	3456.79	3557.20
29	3585.12	3514.78	3481.46	3439.27	3425.48	3400.87	3343.53	3376.26	3506.08	3613.05
30	3643.65	3565.04	3526.63	3490.12	3473.35	3447.39	3390.86	3413.85	3555.91	3671.58
31	3696.92	3618.42	3573.68	3538.26	3518.51	3492.82	3442.25	3465.51	3605.96	3728.17
32	3751.37	3669.96	3621.01	3583.42	3563.14	3538.26	3488.76	3512.56	3665.35	3787.77
33	3808.61	3727.10	3670.23	3632.37	3617.23	3585.31	3537.17	3557.46	3716.36	3850.71
34	3867.25	3779.94	3730.27	3678.62	3666.45	3634.81	3589.10	3618.04	3770.06	3910.20
35	3927.49	3837.39	3781.66	3725.95	3702.69	3680.51	3634.81	3657.79	3824.72	3971.53
36	3990.96	3897.53	3826.55	3773.54	3753.80	3719.73	3688.35	3712.42	3882.28	4029.20
37	4054.43	3959.07	3886.32	3818.17	3802.48	3763.81	3741.63	3765.70	3944.03	4097.82
38	4115.86	4015.66	3930.40	3862.25	3854.41	3813.57	3790.31	3815.73	4001.27	4162.26
39	4179.76	4076.02	3984.76	3914.99	3907.42	3861.44	3834.67	3867.12	4058.94	4223.36
40	4245.49	4141.42	4028.58	3966.37	3964.48	3913.91	3881.45	3919.04	4119.84	4291.45
41	4313.79	4210.15	4071.58	4019.92	4017.76	3963.67	3930.94	3976.38	4183.09	4359.32
42	4382.41	4275.88	4116.47	4069.95	4076.99	4010.73	3972.32	4041.02	4255.26	4432.35
43	4453.72	4343.22	4169.21	4122.96	4135.13	4057.24	4020.46	4099.97	4318.51	4500.12
44	4519.56	4411.73	4214.91	4178.13	4191.66	4113.50	4061.57	4149.74	4378.55	4562.84
45	4588.29	4477.46	4259.27	4228.44	4254.13	4159.74	4105.38	4216.27	4441.48	4630.92
46	4661.96	4550.38	4302.81	4277.12	4325.53	4213.56	4151.09	4268.46	4504.63	4696.86
47	4728.65	4615.67	4352.57	4335.26	4384.21	4261.97	4201.39	4332.02	4571.64	4765.92
48	4802.43	4681.40	4398.28	4389.08	4442.90	4313.36	4236.82	4395.03	4643.70	4839.59
49	4868.58	4749.59	4446.15	4439.93	4501.32	4366.63	4286.04	4452.64	4711.90	4905.64
50	4947.20	4810.70	4497.80	4494.56	4568.12	4424.51	4328.50	4515.38	4781.70	4969.21
51	5025.38	4873.85	4544.05	4550.81	4634.65	4478.60	4367.72	4575.96	4846.78	5034.83
52	5105.39	4938.18	4597.60	4605.98	4700.10	4531.07	4421.26	4634.65	4924.00	5106.03

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CANDELA TABULATION - (Cont.)

53	5174.87	5002.83	4647.36	4672.24	4759.05	4584.61	4472.38	4696.31	5000.57	5171.86
54	5256.17	5060.71	4703.88	4735.25	4820.17	4648.17	4513.22	4755.27	5074.89	5234.48
55	5336.28	5125.58	4759.32	4798.00	4886.97	4701.18	4562.98	4823.69	5146.95	5297.30
56	5428.11	5182.50	4810.71	4858.58	4954.59	4763.11	4616.53	4883.73	5222.98	5366.03
57	5507.04	5262.61	4864.26	4928.08	5018.14	4828.83	4674.67	4948.91	5302.56	5428.75
58	5583.61	5332.96	4920.78	5001.64	5094.68	4901.04	4724.71	5004.62	5380.53	5494.15
59	5664.91	5405.45	4981.36	5078.72	5169.86	4976.49	4784.75	5072.50	5459.14	5568.36
60	5750.72	5479.98	5051.95	5153.90	5255.05	5054.92	4847.22	5140.38	5538.40	5638.38
61	5834.81	5556.87	5117.94	5241.80	5332.94	5136.60	4918.35	5217.19	5629.47	5711.30
62	5923.51	5633.23	5199.34	5335.65	5409.48	5230.71	4996.23	5290.48	5720.11	5782.93
63	6011.58	5716.46	5282.64	5437.06	5484.93	5329.70	5065.20	5374.86	5808.92	5854.46
64	6098.78	5799.80	5361.34	5541.73	5570.66	5428.41	5147.68	5447.07	5893.55	5927.70
65	6196.83	5891.72	5463.30	5660.45	5659.64	5552.27	5236.39	5539.02	5986.77	6004.60
66	6277.48	5982.69	5571.47	5788.37	5754.30	5680.19	5324.02	5621.78	6076.87	6085.14
67	6357.17	6074.19	5682.09	5917.92	5849.22	5818.12	5425.16	5719.68	6162.57	6155.70
68	6428.59	6183.73	5787.56	6069.64	5939.28	5963.35	5523.88	5805.14	6232.06	6240.32
69	6472.40	6281.46	5906.83	6238.13	6008.52	6121.83	5646.39	5894.93	6288.76	6325.06
70	6459.09	6376.50	6055.03	6397.96	6078.29	6291.13	5761.06	5994.72	6303.69	6410.44
71	6392.07	6462.31	6201.35	6555.36	6096.95	6460.70	5910.07	6096.68	6261.91	6485.18
72	6247.95	6526.74	6357.39	6694.37	6062.61	6609.99	6054.76	6184.31	6158.92	6539.31
73	5975.60	6551.87	6525.07	6814.18	5913.86	6728.99	6207.57	6242.18	5923.73	6569.92
74	5589.73	6514.93	6700.32	6866.64	5675.60	6799.57	6361.45	6268.69	5566.64	6544.68
75	5036.66	6405.71	6905.86	6836.08	5288.05	6792.00	6533.45	6223.52	5033.54	6440.61
76	4407.65	6172.02	7078.67	6680.85	4802.59	6681.12	6711.95	6075.32	4406.79	6228.19
77	3703.47	5836.09	7247.43	6416.35	4238.98	6423.38	6891.80	5810.28	3722.48	5875.51
78	3021.84	5369.68	7355.61	5974.17	3665.10	6018.52	7028.91	5398.66	2992.10	5397.18
79	2377.91	4818.97	7418.63	5467.62	3087.42	5547.95	7100.04	4866.69	2401.11	4776.23
80	1872.52	4112.21	7342.90	4877.24	2568.70	4918.35	7071.91	4286.58	1901.83	4146.58
81	1432.52	3451.31	6993.48	4218.70	2042.41	4268.19	6799.30	3579.36	1473.87	3481.06
82	1095.95	2771.08	6238.13	3483.90	1563.18	3625.34	6188.90	2895.40	1108.73	2818.65
83	833.48	2153.03	5208.54	2809.40	1209.71	2868.09	5328.88	2297.45	806.53	2187.72
84	632.66	1711.43	3975.84	2243.90	915.19	2310.43	4228.71	1779.27	583.36	1701.12
85	449.34	1308.59	2747.74	1729.78	684.23	1795.50	3031.17	1392.53	416.90	1302.36
86	307.15	989.42	1829.84	1331.95	481.12	1360.89	2081.36	1016.07	286.96	955.27
87	205.66	667.34	984.97	971.17	341.30	1004.17	1197.81	711.28	179.78	624.60
88	115.13	357.08	446.24	598.77	191.75	652.05	597.96	412.16	105.25	357.62
89	55.31	117.70	137.66	173.90	82.22	256.38	208.78	170.92	55.42	114.37
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
101	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
102	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
103	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
104	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
106	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
107	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
108	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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CANDELA TABULATION - (Cont.)

109	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
111	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
113	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
114	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
116	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
118	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
119	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
122	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
123	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
124	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
126	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
127	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
128	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
129	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
131	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
133	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
134	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
136	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
137	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
138	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
139	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
142	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
143	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
144	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
148	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
149	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
151	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
152	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
153	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
154	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
156	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
158	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
159	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
161	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
163	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
164	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES ROAD REPORT

PHOTOMETRIC FILENAME : IES FILE - EYELITE MPL-L28-840-5 (277V).IES

CANDELA TABULATION - (Cont.)

165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
166	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
167	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
168	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
169	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
171	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
173	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
174	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
176	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
178	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
179	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vert. Horizontal Angles

	<u>225.0</u>	<u>247.5</u>	<u>270.0</u>	<u>292.5</u>	<u>315.0</u>	<u>337.5</u>	<u>360.0</u>
0	2822.20	2822.20	2822.20	2822.20	2822.20	2822.20	2822.20
1	2851.32	2839.69	2835.91	2830.77	2778.30	2805.89	2824.02
2	2854.84	2845.37	2847.80	2845.64	2789.12	2805.62	2827.46
3	2864.84	2854.84	2857.54	2850.78	2800.48	2815.89	2831.65
4	2873.77	2869.44	2869.44	2865.92	2806.97	2825.63	2838.52
5	2887.29	2879.72	2886.48	2874.85	2825.63	2835.91	2845.61
6	2898.38	2901.62	2908.39	2896.76	2838.61	2847.26	2854.52
7	2914.33	2916.50	2924.88	2913.79	2857.81	2867.01	2866.77
8	2929.21	2936.24	2942.73	2933.81	2874.31	2882.15	2879.33
9	2947.33	2954.09	2967.34	2951.66	2895.40	2902.44	2893.40
10	2966.26	2980.59	2996.82	2981.68	2918.39	2926.78	2910.05
11	2987.63	3007.37	3017.65	3007.10	2944.90	2942.46	2928.20
12	3015.21	3026.84	3044.69	3039.55	2968.15	2967.34	2949.03
13	3047.39	3063.62	3081.47	3074.98	2999.80	2993.31	2970.08
14	3072.82	3094.18	3109.60	3106.89	3029.82	3017.92	2992.85
15	3102.02	3125.82	3146.11	3142.32	3062.54	3051.72	3017.76
16	3132.86	3165.31	3184.24	3181.81	3105.81	3085.53	3044.61
17	3167.47	3199.12	3219.13	3225.62	3142.86	3118.79	3073.61
18	3201.82	3244.28	3270.24	3270.78	3180.45	3153.68	3105.40
19	3242.93	3288.09	3315.95	3323.25	3233.46	3193.98	3143.09
20	3293.23	3336.77	3368.14	3370.85	3276.73	3229.13	3177.24
21	3327.04	3377.34	3417.37	3422.23	3325.41	3281.33	3215.37
22	3378.42	3434.13	3474.70	3484.71	3386.26	3323.25	3256.07
23	3425.48	3489.85	3541.50	3539.07	3437.38	3374.09	3296.88
24	3479.30	3554.21	3610.19	3601.81	3493.63	3423.32	3344.67
25	3533.66	3617.50	3671.32	3675.37	3557.46	3476.59	3390.42
26	3588.83	3674.83	3742.17	3745.96	3614.79	3527.17	3438.75
27	3645.89	3739.74	3815.73	3812.22	3682.13	3577.20	3488.47
28	3704.58	3806.81	3893.62	3890.38	3747.58	3638.05	3539.37
29	3767.87	3888.21	3972.86	3965.29	3808.70	3701.88	3585.12
30	3840.34	3954.74	4047.51	4040.48	3878.48	3761.37	3643.65
31	3900.65	4025.60	4126.21	4122.96	3952.85	3824.39	3696.92
32	3964.48	4100.24	4208.15	4203.55	4023.98	3883.08	3751.37
33	4032.63	4178.67	4287.66	4274.68	4095.92	3946.63	3808.61
34	4105.92	4254.40	4376.10	4356.90	4166.77	4011.00	3867.25
35	4178.40	4334.45	4449.39	4433.43	4240.34	4084.83	3927.49

IES ROAD REPORT

PHOTOMETRIC FILENAME : IES FILE - EYELITE MPL-L28-840-5 (277V).IES

CANDELA TABULATION - (Cont.)

36	4243.31	4399.90	4527.01	4511.86	4317.95	4150.01	3990.96
37	4308.76	4474.27	4608.95	4594.62	4384.75	4218.16	4054.43
38	4367.45	4544.86	4704.42	4670.62	4461.56	4277.66	4115.86
39	4428.57	4619.50	4797.19	4749.32	4534.58	4349.87	4179.76
40	4497.80	4699.55	4876.16	4824.50	4603.28	4430.19	4245.49
41	4564.60	4770.95	4959.72	4908.07	4671.43	4494.83	4313.79
42	4627.89	4839.65	5037.07	4981.09	4736.06	4564.87	4382.41
43	4677.65	4920.78	5123.61	5053.03	4806.92	4638.70	4453.72
44	4745.80	4993.26	5206.64	5134.97	4874.80	4711.72	4519.56
45	4807.46	5065.20	5285.61	5208.81	4935.92	4785.02	4588.29
46	4863.45	5146.60	5360.26	5287.24	5013.00	4857.22	4661.96
47	4919.70	5207.99	5437.60	5359.17	5074.93	4929.97	4728.65
48	4977.03	5284.26	5513.06	5429.22	5145.79	5013.00	4802.43
49	5039.24	5356.47	5586.89	5506.57	5206.64	5080.61	4868.58
50	5105.77	5421.38	5655.58	5588.24	5276.15	5152.01	4947.20
51	5168.78	5493.05	5726.71	5667.48	5344.30	5223.95	5025.38
52	5227.47	5565.52	5812.17	5735.37	5415.16	5285.34	5105.39
53	5287.78	5639.36	5885.46	5811.63	5481.96	5363.77	5174.87
54	5370.80	5712.11	5955.51	5893.85	5547.68	5435.71	5256.17
55	5430.30	5789.45	6031.50	5967.41	5622.59	5512.25	5336.28
56	5493.86	5870.32	6098.85	6041.51	5701.29	5579.59	5428.11
57	5567.96	5933.06	6170.24	6119.94	5773.23	5658.29	5507.04
58	5641.79	6015.55	6227.85	6208.38	5857.07	5737.53	5583.61
59	5719.14	6097.76	6283.83	6288.97	5948.48	5811.90	5664.91
60	5796.76	6183.23	6324.67	6373.35	6035.02	5879.24	5750.72
61	5879.24	6271.93	6386.60	6456.65	6119.94	5957.67	5834.81
62	5976.87	6356.31	6416.62	6552.11	6211.35	6039.62	5923.51
63	6063.15	6439.07	6452.05	6644.61	6310.07	6112.91	6011.58
64	6158.34	6520.74	6482.34	6723.31	6411.75	6189.99	6098.78
65	6256.79	6603.77	6505.33	6806.61	6513.71	6277.61	6196.83
66	6355.50	6686.26	6525.34	6892.34	6608.37	6358.75	6277.48
67	6474.23	6756.03	6516.69	6960.22	6712.22	6443.12	6357.17
68	6577.81	6825.27	6488.29	7032.97	6821.48	6521.01	6428.59
69	6680.04	6878.27	6424.46	7086.52	6925.06	6601.34	6472.40
70	6801.20	6918.03	6332.51	7116.00	7028.10	6677.60	6459.09
71	6909.38	6918.30	6192.15	7123.84	7144.39	6727.91	6392.07
72	7013.50	6882.60	5967.68	7072.18	7242.84	6734.13	6247.95
73	7111.67	6799.84	5653.15	6975.09	7348.31	6690.58	5975.60
74	7209.84	6653.26	5198.26	6821.75	7432.69	6567.80	5589.73
75	7284.48	6429.87	4678.73	6575.91	7499.22	6347.93	5036.66
76	7335.60	6120.21	4121.34	6240.56	7523.29	6025.83	4407.65
77	7339.39	5692.36	3537.44	5756.19	7502.19	5583.10	3703.47
78	7302.33	5188.25	2971.40	5234.50	7411.87	5030.04	3021.84
79	7177.12	4575.96	2417.25	4676.30	7241.75	4353.65	2377.91
80	6901.80	3991.25	1978.32	4029.66	6914.51	3696.74	1872.52
81	6388.77	3398.16	1598.07	3440.35	6247.86	3045.23	1432.52
82	5619.88	2835.91	1265.96	2882.15	5355.39	2445.92	1095.95
83	4579.48	2281.76	972.53	2363.71	4324.44	1945.86	833.48
84	3537.17	1832.55	746.70	1904.22	3257.53	1511.26	632.66
85	2561.13	1476.64	566.59	1492.87	2306.10	1132.90	449.34
86	1709.22	1125.87	417.03	1143.72	1429.58	826.49	307.15
87	915.73	814.04	279.10	832.44	776.99	538.46	205.66
88	437.58	522.77	169.84	528.99	349.15	270.18	115.13
89	150.10	222.85	84.38	177.41	120.08	65.18	55.31
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
91	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES ROAD REPORT

PHOTOMETRIC FILENAME : IES FILE - EYELITE MPL-L28-840-5 (277V).IES

CANDELA TABULATION - (Cont.)

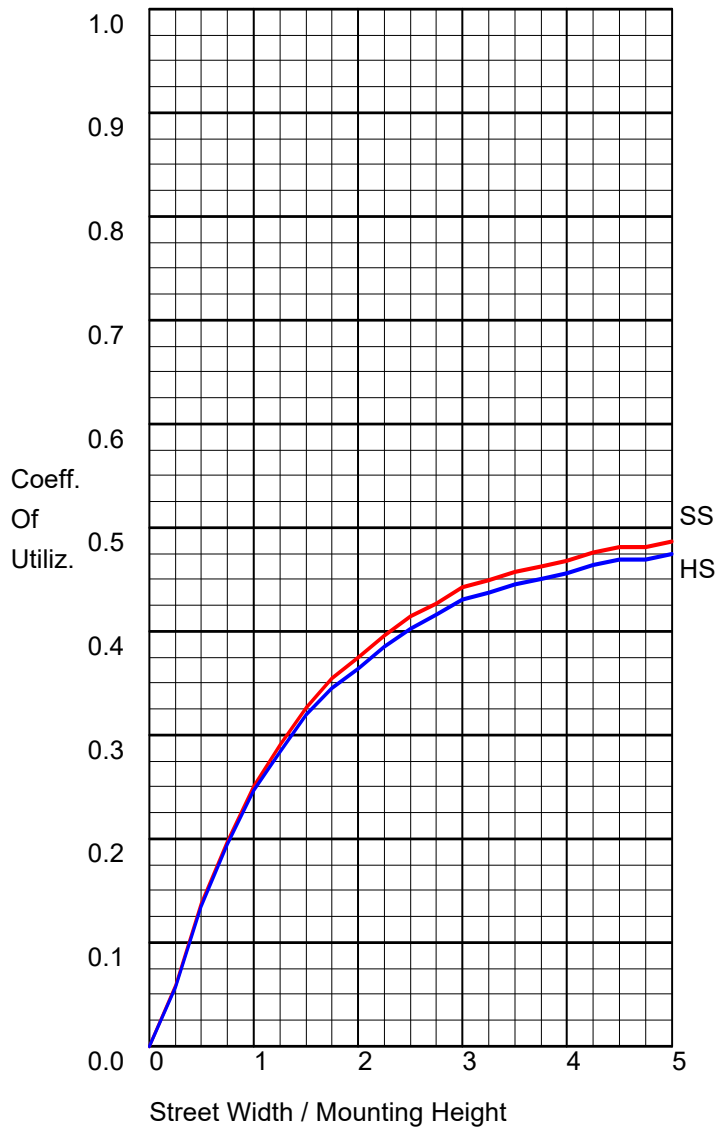
92	0.00	0.00	0.00	0.00	0.00	0.00	0.00
93	0.00	0.00	0.00	0.00	0.00	0.00	0.00
94	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00
96	0.00	0.00	0.00	0.00	0.00	0.00	0.00
97	0.00	0.00	0.00	0.00	0.00	0.00	0.00
98	0.00	0.00	0.00	0.00	0.00	0.00	0.00
99	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
101	0.00	0.00	0.00	0.00	0.00	0.00	0.00
102	0.00	0.00	0.00	0.00	0.00	0.00	0.00
103	0.00	0.00	0.00	0.00	0.00	0.00	0.00
104	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00
106	0.00	0.00	0.00	0.00	0.00	0.00	0.00
107	0.00	0.00	0.00	0.00	0.00	0.00	0.00
108	0.00	0.00	0.00	0.00	0.00	0.00	0.00
109	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00
111	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112	0.00	0.00	0.00	0.00	0.00	0.00	0.00
113	0.00	0.00	0.00	0.00	0.00	0.00	0.00
114	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00
116	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117	0.00	0.00	0.00	0.00	0.00	0.00	0.00
118	0.00	0.00	0.00	0.00	0.00	0.00	0.00
119	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121	0.00	0.00	0.00	0.00	0.00	0.00	0.00
122	0.00	0.00	0.00	0.00	0.00	0.00	0.00
123	0.00	0.00	0.00	0.00	0.00	0.00	0.00
124	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00
126	0.00	0.00	0.00	0.00	0.00	0.00	0.00
127	0.00	0.00	0.00	0.00	0.00	0.00	0.00
128	0.00	0.00	0.00	0.00	0.00	0.00	0.00
129	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00
131	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132	0.00	0.00	0.00	0.00	0.00	0.00	0.00
133	0.00	0.00	0.00	0.00	0.00	0.00	0.00
134	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00
136	0.00	0.00	0.00	0.00	0.00	0.00	0.00
137	0.00	0.00	0.00	0.00	0.00	0.00	0.00
138	0.00	0.00	0.00	0.00	0.00	0.00	0.00
139	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141	0.00	0.00	0.00	0.00	0.00	0.00	0.00
142	0.00	0.00	0.00	0.00	0.00	0.00	0.00
143	0.00	0.00	0.00	0.00	0.00	0.00	0.00
144	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES ROAD REPORT
PHOTOMETRIC FILENAME : IES FILE - EYELITE MPL-L28-840-5 (277V).IES

CANDELA TABULATION - (Cont.)

148	0.00	0.00	0.00	0.00	0.00	0.00	0.00
149	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00
151	0.00	0.00	0.00	0.00	0.00	0.00	0.00
152	0.00	0.00	0.00	0.00	0.00	0.00	0.00
153	0.00	0.00	0.00	0.00	0.00	0.00	0.00
154	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00
156	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157	0.00	0.00	0.00	0.00	0.00	0.00	0.00
158	0.00	0.00	0.00	0.00	0.00	0.00	0.00
159	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00
161	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162	0.00	0.00	0.00	0.00	0.00	0.00	0.00
163	0.00	0.00	0.00	0.00	0.00	0.00	0.00
164	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00
166	0.00	0.00	0.00	0.00	0.00	0.00	0.00
167	0.00	0.00	0.00	0.00	0.00	0.00	0.00
168	0.00	0.00	0.00	0.00	0.00	0.00	0.00
169	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00
171	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172	0.00	0.00	0.00	0.00	0.00	0.00	0.00
173	0.00	0.00	0.00	0.00	0.00	0.00	0.00
174	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00
176	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177	0.00	0.00	0.00	0.00	0.00	0.00	0.00
178	0.00	0.00	0.00	0.00	0.00	0.00	0.00
179	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00

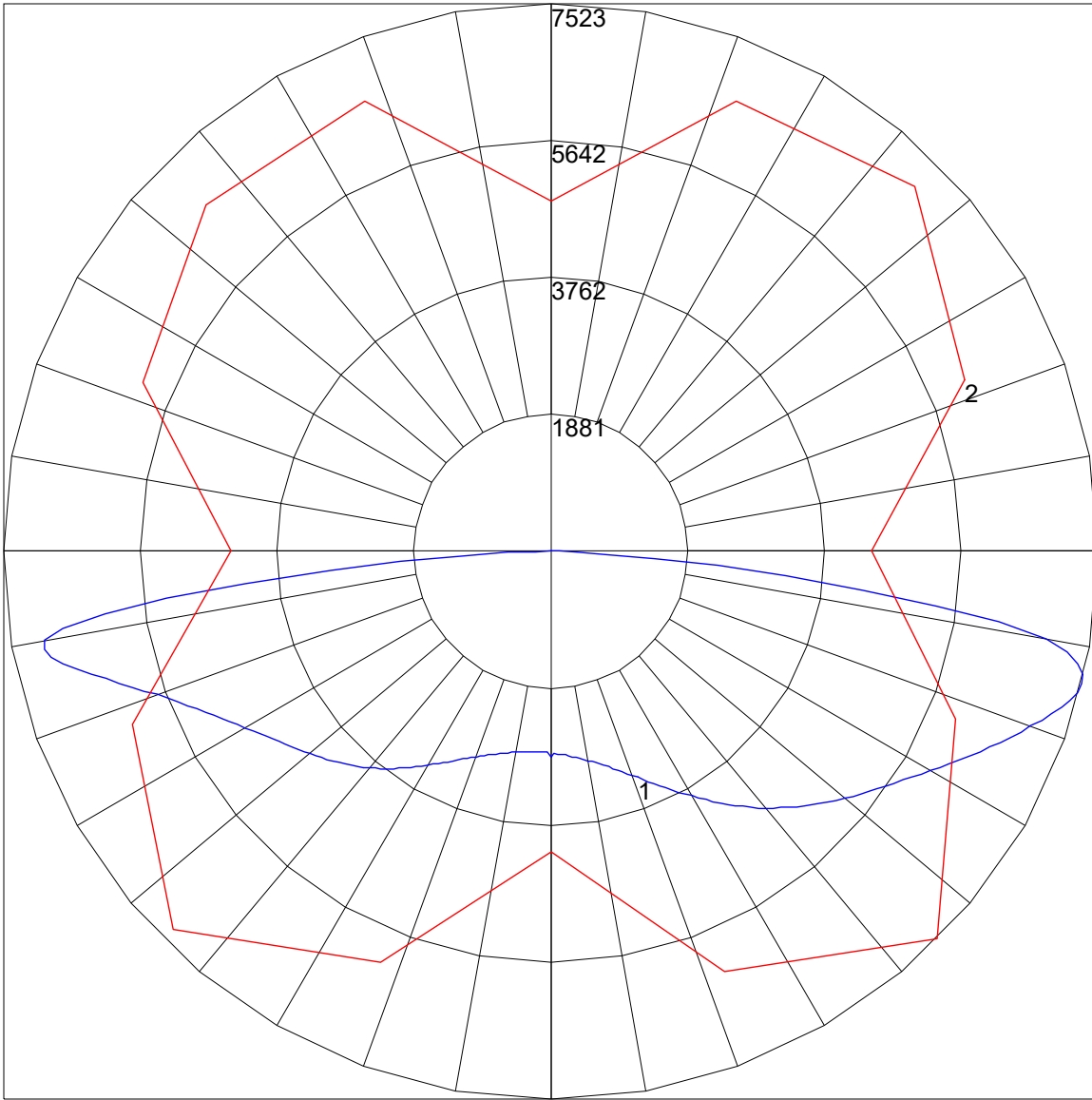
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

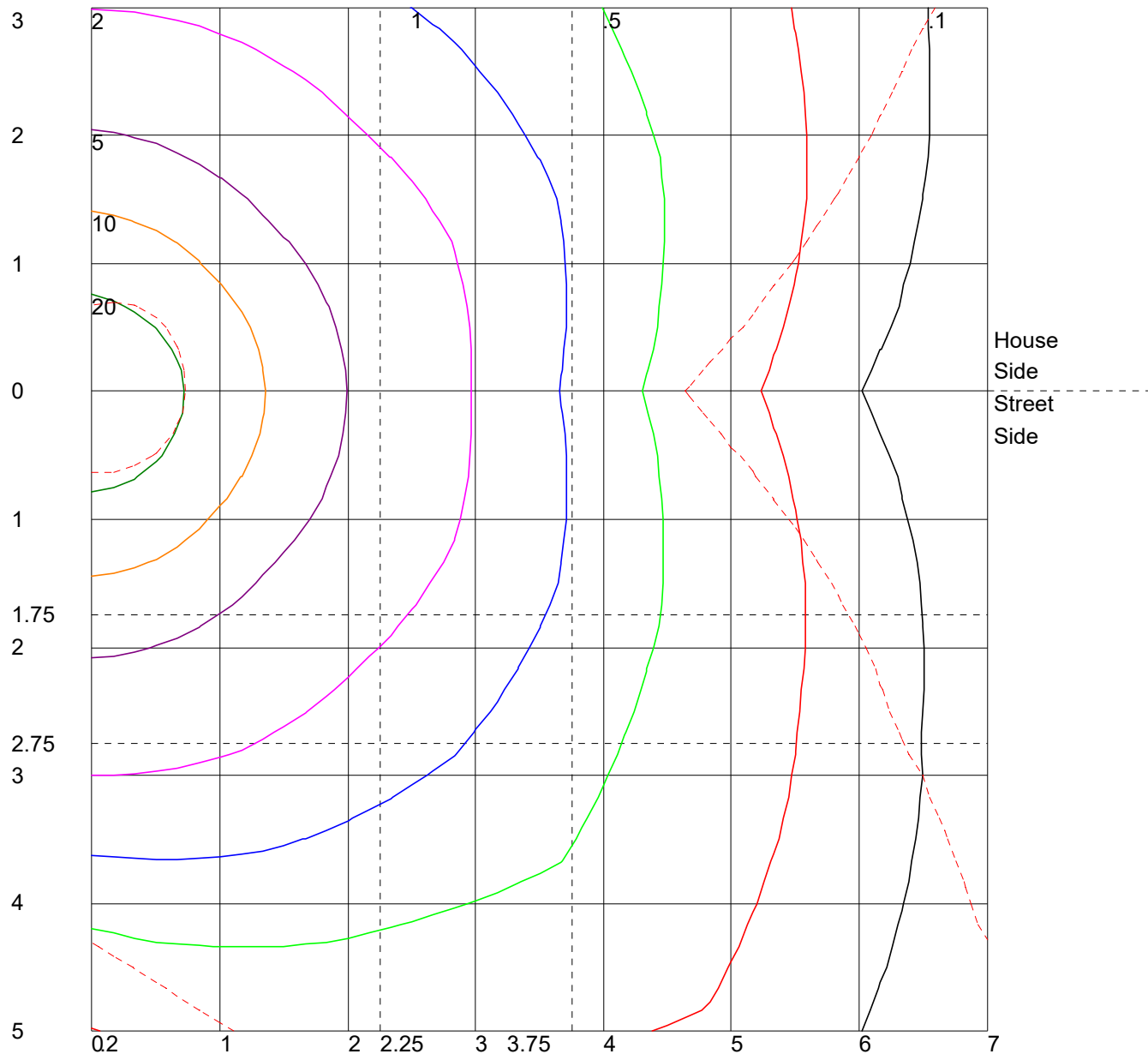
	Lumens	Percent Of Lamp
Downward Street Side	13998.5	50.5
Downward House Side	13708.0	49.5
Downward Total	27706.5	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	27706.5	100.0

POLAR GRAPH



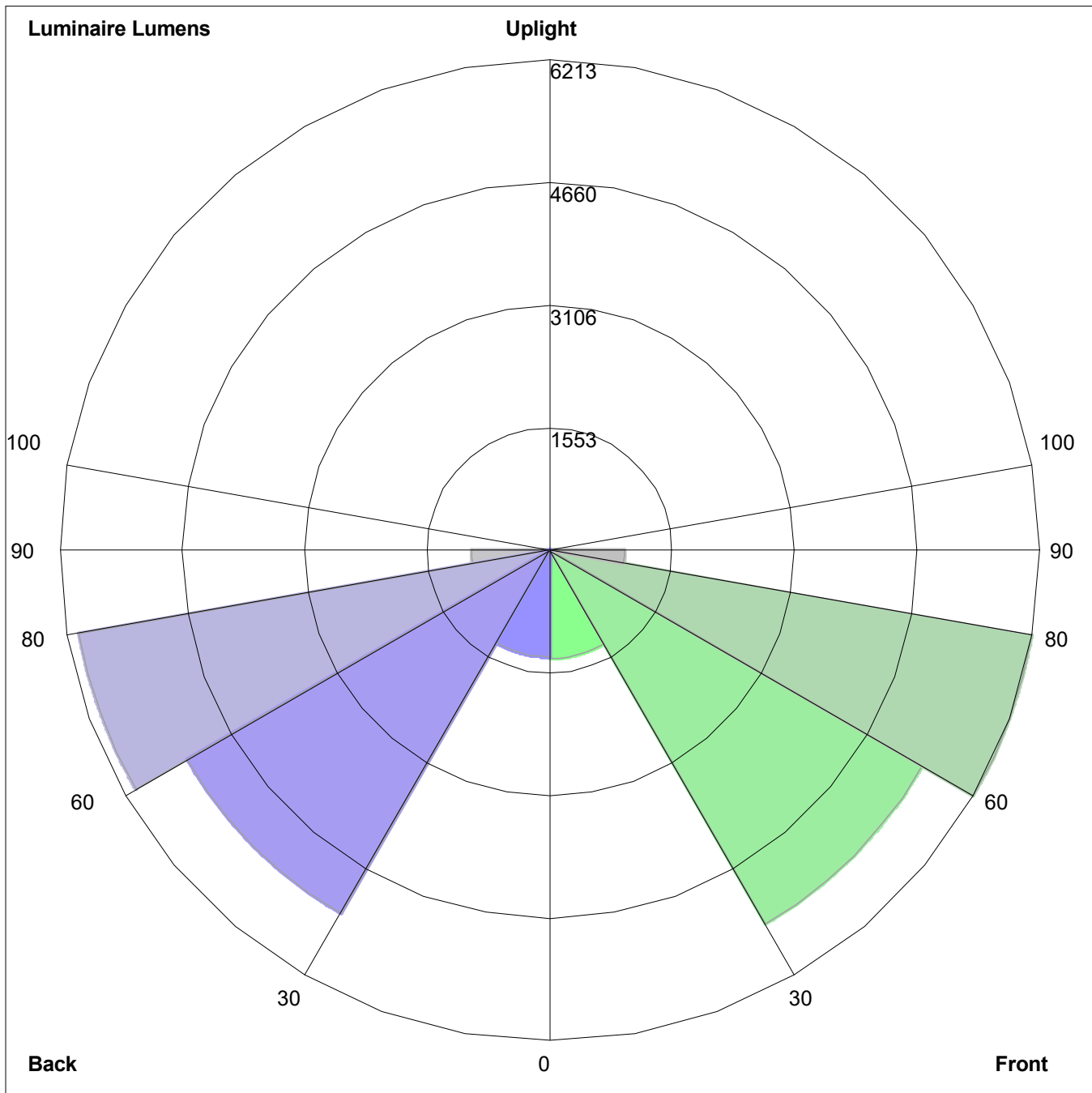
Maximum Candela = 7523.29 Located At Horizontal Angle = 315, Vertical Angle = 76
1 - Vertical Plane Through Horizontal Angles (315 - 135) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (76) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



Distance In Units Of Mounting Height
 Values Based On 10 Foot Mounting Height
 1/2 Maximum Candela Trace Shown As Dashed Curve
 (+) = Maximum Candela Point

LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
 Front: Low=1369.8, Medium=5465.4, High=6212.9, Very High=950.4
 Back: Low=1349.6, Medium=5306.5, High=6062.4, Very High=989.4
 Uplight: Low=0.0, High=0.0

BUG Rating : B5-U0-G5