

# EYELITE®

from EYE Lighting

## IES ROAD REPORT

PHOTOMETRIC FILENAME : IES FILE - EYELITE MPL-L28-840-3 (120V).IES

## DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST]  
[ISSUEDATE] 2018-3-28 16:52  
[MANUFAC] ASHART LIGHT CO., LTD  
[LUMCAT]  
[LUMINAIRE] MPL-L28-840-3  
[LAMPCAT]  
[LAMP]  
[VOLTAGE] 119.5 V  
[CURRENT] 2.008 A  
[POWERFACTOR] 0.998  
[TESTLAB] Shenzhen Belling Test Laboratory  
[TESTINST] GPM-3000  
[TESTDIST] 17.398 m  
[TESTTEMPERATURE] 22.4 °C  
[TESTHUMIDITY]  
[TESTOPERATOR]  
[BALLAST]  
[BALLASTCAT]

## CHARACTERISTICS

IES Classification	Type III
Longitudinal Classification	Medium
Lumens Per Lamp	29589.4 (1 lamp)
Total Lamp Lumens	29589.4
Luminaire Lumens	29589
Downward Total Efficiency	100 %
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	124
Total Luminaire Watts	239.59
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	11161.47
Maximum Candela Angle	292.5H 73V
Maximum Candela (<90 Degrees Vertical)	11161.47
Maximum Candela Angle (<90 Degrees Vertical)	292.5H 73V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Lamp Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	6646.02 (22.5% Lamp Lumens)
Cutoff Classification (deprecated)	Non-Cutoff



**IES ROAD REPORT****PHOTOMETRIC FILENAME : IES FILE - EYELITE MPL-L28-840-3 (120V).IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	3328.8	11.2	11.2
FM - Front-Medium (30-60)	9479.8	32.0	32.0
FH - Front-High (60-80)	5766.2	19.5	19.5
FVH - Front-Very High (80-90)	460.2	1.6	1.6
BL - Back-Low (0-30)	2613.0	8.8	8.8
BM - Back-Medium (30-60)	5147.4	17.4	17.4
BH - Back-High (60-80)	2613.0	8.8	8.8
BVH - Back-Very High (80-90)	181.0	0.6	0.6
UL - Uplight-Low (90-100)	0.0	0.0	0.0
UH - Uplight-High (100-180)	0.0	0.0	0.0
Total	29589.4	99.9	100.0
BUG Rating	B4-U0-G4		

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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	7305.51	7305.51	7305.51	7305.51	7305.51	7305.51	7305.51	7305.51	7305.51	7305.51
1	7386.26	7369.85	7357.13	7326.06	7301.15	7268.79	7245.81	7237.90	7228.04	7231.10
2	7454.22	7433.35	7407.91	7349.38	7297.87	7235.87	7189.08	7164.04	7150.03	7159.14
3	7520.81	7499.32	7452.54	7377.99	7295.14	7196.43	7118.57	7080.14	7068.74	7086.63
4	7586.60	7554.11	7508.35	7398.54	7292.41	7165.96	7058.33	7000.04	6985.56	7004.86
5	7643.15	7606.72	7542.66	7421.02	7284.48	7133.06	6993.22	6924.83	6904.00	6933.71
6	7696.70	7662.60	7585.90	7443.24	7280.93	7091.70	6935.68	6845.27	6803.96	6855.48
7	7752.15	7713.30	7624.40	7464.34	7275.47	7053.07	6868.42	6758.38	6721.87	6768.25
8	7803.26	7758.00	7659.84	7486.01	7273.83	7017.44	6803.32	6671.22	6631.62	6693.84
9	7853.28	7809.25	7694.99	7501.56	7269.18	6979.63	6740.64	6589.76	6540.28	6613.15
10	7893.51	7850.69	7732.38	7524.33	7261.81	6951.33	6677.97	6504.23	6444.31	6534.93
11	7932.39	7883.66	7760.28	7542.65	7254.44	6906.18	6609.35	6418.42	6358.69	6454.24
12	7969.63	7918.55	7792.08	7570.14	7249.78	6870.00	6544.24	6332.35	6261.91	6370.82
13	7999.81	7947.18	7815.52	7589.58	7247.33	6830.83	6469.15	6243.56	6170.57	6280.05
14	8026.17	7979.35	7847.88	7612.63	7244.05	6796.29	6397.29	6162.64	6080.05	6201.28
15	8046.02	8004.96	7877.18	7631.79	7239.95	6766.90	6330.29	6065.98	5986.81	6118.68
16	8070.21	8029.77	7902.56	7649.01	7239.13	6725.29	6261.13	5975.02	5888.40	6036.64
17	8082.72	8048.58	7922.37	7675.11	7239.41	6691.28	6193.60	5885.41	5782.65	5950.50
18	8095.22	8066.85	7951.39	7690.66	7236.13	6653.47	6123.90	5799.61	5690.23	5860.00
19	8102.02	8080.20	7974.54	7711.20	7235.57	6618.65	6053.13	5709.46	5597.79	5782.05
20	8113.43	8097.92	7994.35	7730.64	7227.66	6582.20	5978.03	5619.31	5497.49	5706.27
21	8128.38	8108.82	8013.32	7748.97	7224.11	6546.29	5909.95	5520.47	5406.42	5622.58
22	8131.38	8113.73	8040.11	7765.08	7229.29	6510.11	5842.41	5431.68	5311.81	5535.36
23	8142.25	8121.36	8057.41	7782.02	7230.93	6466.85	5770.28	5343.17	5206.62	5447.31
24	8153.67	8127.90	8081.12	7798.68	7233.39	6429.04	5702.75	5251.11	5115.28	5362.26
25	8162.10	8138.53	8091.17	7814.78	7226.84	6393.14	5630.89	5151.74	5018.23	5281.31
26	8165.63	8140.72	8119.35	7836.72	7228.75	6345.81	5566.33	5062.13	4923.63	5197.62
27	8162.10	8153.25	8138.04	7851.16	7222.20	6307.73	5489.87	4973.61	4824.94	5112.31
28	8160.19	8158.44	8160.08	7873.65	7221.10	6269.09	5416.93	4875.04	4710.23	5024.54
29	8155.58	8159.52	8179.88	7893.09	7224.65	6229.11	5348.58	4777.30	4603.39	4925.31
30	8153.94	8162.79	8190.77	7908.08	7216.18	6189.67	5275.11	4672.48	4492.21	4833.73
31	8151.76	8161.70	8200.81	7919.74	7202.53	6152.94	5204.06	4568.21	4381.85	4738.87
32	8146.33	8160.89	8225.09	7940.01	7201.98	6111.33	5134.90	4469.66	4265.76	4638.83
33	8139.54	8163.34	8242.66	7961.40	7198.69	6070.79	5063.31	4367.01	4143.98	4542.61
34	8134.92	8167.15	8270.28	7973.06	7191.05	6032.70	4990.37	4258.94	4025.73	4431.94
35	8140.08	8173.96	8294.56	7981.39	7182.86	5990.82	4908.25	4141.11	3904.21	4314.45
36	8152.03	8185.96	8316.32	8003.33	7174.66	5950.29	4833.43	4034.12	3785.97	4211.69
37	8154.49	8187.60	8343.93	8016.38	7168.65	5897.78	4755.62	3923.33	3645.42	4109.47
38	8149.86	8194.96	8367.94	8033.59	7159.90	5853.71	4675.12	3809.56	3526.62	3999.35
39	8149.59	8199.87	8390.81	8051.64	7161.27	5810.46	4587.05	3700.41	3411.09	3886.77
40	8145.51	8205.86	8410.06	8071.64	7150.35	5766.40	4497.10	3589.08	3294.20	3761.39
41	8143.88	8212.41	8442.71	8088.84	7147.34	5728.85	4412.81	3466.62	3182.20	3637.90
42	8138.72	8228.75	8469.76	8106.62	7144.06	5679.35	4334.74	3362.62	3063.40	3531.32
43	8148.77	8244.02	8499.06	8121.06	7133.68	5640.72	4238.83	3253.20	2964.45	3407.84
44	8155.03	8251.38	8533.94	8153.00	7134.23	5596.10	4132.94	3133.73	2868.77	3303.71
45	8142.25	8256.56	8571.88	8177.15	7127.12	5546.87	4044.87	3037.60	2774.16	3196.04
46	8119.15	8271.01	8612.05	8205.48	7115.92	5499.00	3946.00	2937.96	2691.25	3093.56
47	8080.54	8272.92	8670.92	8239.91	7109.64	5445.13	3856.31	2843.19	2612.41	2998.69
48	8035.69	8267.47	8721.98	8286.56	7109.37	5394.27	3755.81	2758.21	2524.06	2902.20
49	7964.47	8249.21	8761.60	8324.32	7109.64	5342.85	3641.01	2667.79	2461.27	2819.87
50	7888.90	8230.94	8816.00	8371.81	7110.46	5277.83	3543.75	2595.83	2390.59	2734.83
51	7776.35	8190.87	8863.98	8414.01	7124.66	5226.43	3445.69	2525.23	2331.06	2664.78
52	7643.96	8118.36	8921.46	8455.94	7133.95	5163.31	3346.00	2451.10	2266.09	2593.64

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**CANDELA TABULATION - (Cont.)**

53	7453.68	8033.59	8972.23	8507.31	7136.68	5105.65	3237.68	2385.39	2204.11	2530.12
54	7231.30	7905.75	9020.78	8581.18	7144.60	5045.79	3129.35	2324.29	2158.44	2452.98
55	6934.18	7753.37	9058.45	8658.66	7150.89	4969.90	3029.67	2265.64	2106.78	2397.37
56	6608.52	7535.58	9096.39	8720.58	7165.65	4894.82	2937.81	2208.63	2056.76	2342.31
57	6194.23	7304.70	9118.99	8794.44	7172.74	4819.75	2845.43	2157.30	2006.21	2279.34
58	5752.75	6981.68	9135.17	8879.69	7187.50	4741.41	2753.85	2092.42	1958.90	2219.65
59	5188.95	6613.43	9126.80	8979.37	7195.96	4653.54	2679.02	2044.08	1904.54	2167.31
60	4599.59	6176.48	9097.23	9046.85	7204.98	4545.27	2596.35	1994.39	1845.55	2112.25
61	4042.58	5653.39	9033.62	9143.48	7207.71	4441.36	2535.04	1937.10	1780.30	2053.92
62	3502.98	5107.67	8926.20	9247.90	7224.11	4336.90	2454.26	1881.43	1701.47	1984.95
63	3016.10	4508.53	8783.63	9339.25	7233.39	4224.01	2380.24	1813.55	1632.69	1915.99
64	2613.50	3949.74	8576.62	9455.32	7247.87	4100.78	2316.22	1741.32	1556.04	1821.95
65	2318.82	3391.21	8278.93	9565.28	7274.38	3987.90	2228.15	1668.55	1471.22	1742.90
66	2062.21	2911.47	7944.98	9674.41	7303.06	3884.52	2150.89	1579.76	1364.38	1646.13
67	1840.92	2514.31	7542.38	9797.43	7340.21	3778.16	2051.21	1486.36	1265.70	1533.01
68	1661.77	2191.30	7074.78	9910.44	7373.81	3652.76	1949.90	1380.73	1175.18	1425.07
69	1506.01	1956.88	6539.11	10048.44	7424.63	3523.55	1845.89	1261.25	1083.02	1300.49
70	1370.36	1742.36	5939.55	10159.79	7468.88	3392.16	1738.38	1158.35	970.75	1191.73
71	1246.13	1559.46	5370.95	10270.03	7513.97	3253.70	1593.85	1055.98	880.23	1061.99
72	1145.01	1411.71	4759.67	10327.51	7542.93	3081.50	1469.04	938.13	797.04	961.67
73	1052.31	1278.15	4214.51	10346.39	7557.40	2913.39	1335.87	851.24	725.55	870.63
74	950.09	1183.02	3659.87	10312.25	7547.02	2727.06	1202.14	767.35	614.09	776.86
75	876.15	1060.08	3128.11	10181.73	7433.10	2523.85	1068.69	686.43	521.12	704.63
76	795.41	967.40	2690.64	9937.37	7112.92	2308.13	942.81	625.06	464.85	641.67
77	717.67	874.73	2270.75	9499.74	6552.05	2047.81	835.02	549.58	412.93	577.33
78	640.20	797.58	1954.09	8814.71	5761.15	1789.65	747.22	485.77	361.01	513.83
79	580.65	724.53	1695.46	7823.39	4767.26	1551.63	656.72	432.00	322.95	456.03
80	513.52	660.20	1461.38	6646.02	3565.20	1314.97	580.27	368.74	283.26	400.15
81	445.83	590.96	1253.53	5185.97	2570.77	1085.11	451.68	320.14	248.47	342.91
82	390.10	531.53	998.80	3879.76	1771.67	915.37	345.24	270.44	225.36	300.66
83	334.10	465.03	812.16	2832.07	1196.59	764.67	266.63	235.96	186.48	264.68
84	277.82	397.70	650.62	2066.78	779.15	634.63	209.36	192.25	156.04	216.98
85	229.17	341.00	509.45	1427.84	501.59	497.81	155.61	152.32	120.97	175.82
86	183.49	273.95	388.92	944.39	322.64	285.63	115.62	95.30	99.23	121.85
87	148.70	206.07	275.93	543.98	197.79	169.20	75.64	71.14	57.36	85.59
88	109.28	152.37	166.28	264.63	106.55	96.02	41.33	46.16	49.21	67.60
89	67.15	90.77	81.74	61.09	52.46	45.71	17.56	17.65	14.68	34.62
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-L28-840-3 (120V).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	7305.51	7305.51	7305.51	7305.51	7305.51	7305.51	7305.51
1	7255.85	7278.57	7311.26	7338.43	7362.51	7374.21	7386.26
2	7202.28	7257.75	7312.62	7372.43	7419.78	7438.83	7454.22
3	7149.56	7228.32	7316.72	7402.62	7477.33	7507.80	7520.81
4	7102.13	7206.93	7318.36	7435.00	7527.30	7577.31	7586.60
5	7039.08	7178.33	7320.54	7462.75	7572.15	7627.55	7643.15
6	6984.95	7148.34	7327.10	7496.48	7619.97	7686.74	7696.70
7	6929.99	7119.47	7329.29	7526.94	7669.93	7739.15	7752.15
8	6875.31	7092.53	7334.48	7556.59	7710.46	7790.74	7803.26
9	6817.83	7070.59	7338.57	7585.16	7752.33	7837.44	7853.28
10	6755.33	7039.77	7344.03	7611.54	7789.07	7886.31	7893.51
11	6696.46	7011.73	7353.05	7639.02	7829.59	7928.41	7932.39
12	6637.88	6986.45	7360.43	7666.49	7868.22	7967.23	7969.63
13	6581.52	6955.91	7366.99	7698.05	7898.75	7996.82	7999.81
14	6523.77	6931.19	7377.09	7724.70	7934.95	8031.85	8026.17
15	6469.09	6904.54	7390.21	7750.55	7973.31	8061.18	8046.02
16	6407.98	6876.49	7398.41	7783.47	8010.05	8092.95	8070.21
17	6345.77	6852.61	7413.97	7810.12	8044.08	8117.93	8082.72
18	6284.39	6825.68	7423.81	7838.96	8075.42	8140.46	8095.22
19	6232.50	6794.86	7435.02	7873.24	8105.14	8158.38	8102.02
20	6177.25	6768.48	7440.20	7908.87	8131.88	8174.95	8113.43
21	6125.64	6738.76	7448.40	7935.25	8161.33	8189.61	8128.38
22	6066.49	6716.55	7456.60	7974.69	8190.50	8208.62	8131.38
23	6007.07	6687.11	7459.06	7996.73	8219.68	8222.74	8142.25
24	5953.50	6659.63	7462.88	8026.92	8245.62	8236.05	8153.67
25	5901.33	6633.52	7470.25	8058.21	8272.90	8239.85	8162.10
26	5831.85	6600.75	7477.63	8089.22	8295.86	8249.62	8165.63
27	5763.78	6568.27	7493.21	8117.51	8313.96	8257.77	8162.10
28	5703.79	6542.16	7505.77	8144.17	8335.04	8260.48	8160.19
29	5644.65	6516.06	7513.97	8176.82	8356.92	8265.37	8155.58
30	5586.06	6489.40	7531.45	8207.82	8380.69	8273.25	8153.94
31	5519.38	6463.58	7534.18	8245.63	8401.49	8268.90	8151.76
32	5450.46	6429.15	7538.00	8284.27	8419.04	8272.71	8146.33
33	5385.74	6396.66	7542.37	8317.99	8435.25	8281.93	8139.54
34	5317.94	6366.95	7548.12	8346.56	8468.75	8292.25	8134.92
35	5246.80	6340.84	7553.31	8379.47	8492.25	8302.84	8140.08

**IES ROAD REPORT****PHOTOMETRIC FILENAME : IES FILE - EYELITE MPL-L28-840-3 (120V).IES****CANDELA TABULATION - (Cont.)**

36	5169.80	6310.58	7558.49	8405.31	8516.57	8303.65	8152.03
37	5100.60	6278.09	7575.98	8438.50	8537.10	8318.32	8154.49
38	5021.09	6245.33	7581.17	8469.79	8565.46	8337.87	8149.86
39	4934.04	6210.89	7590.19	8510.04	8611.66	8356.87	8149.59
40	4851.46	6168.69	7588.00	8546.49	8644.89	8369.91	8145.51
41	4759.40	6135.92	7598.39	8579.95	8670.55	8387.02	8143.88
42	4668.44	6097.04	7612.04	8618.04	8704.86	8401.41	8138.72
43	4582.23	6064.83	7620.79	8656.66	8755.38	8418.51	8148.77
44	4493.24	6025.12	7625.43	8696.65	8791.58	8441.59	8155.03
45	4396.42	5983.47	7637.18	8745.89	8826.96	8461.14	8142.25
46	4279.52	5944.60	7648.92	8794.85	8882.07	8470.92	8119.15
47	4175.45	5897.67	7670.78	8854.97	8916.65	8474.45	8080.54
48	4076.69	5855.19	7680.34	8903.94	8974.19	8477.16	8035.69
49	3977.93	5798.82	7693.46	8967.04	9035.79	8466.30	7964.47
50	3859.63	5754.66	7709.30	9018.18	9095.76	8441.59	7888.90
51	3756.13	5699.96	7729.79	9088.37	9157.90	8398.69	7776.35
52	3654.85	5653.59	7755.74	9154.20	9224.35	8335.15	7643.96
53	3540.74	5592.78	7776.23	9223.03	9293.23	8249.35	7453.68
54	3451.46	5515.58	7791.26	9307.07	9337.54	8134.77	7231.30
55	3333.73	5448.66	7813.38	9399.29	9387.51	7974.83	6934.18
56	3245.00	5379.52	7824.31	9480.36	9427.23	7791.55	6608.52
57	3150.71	5303.99	7836.34	9559.24	9466.94	7555.59	6194.23
58	3056.41	5206.25	7843.98	9640.04	9489.90	7255.28	5752.75
59	2967.13	5109.61	7850.55	9716.75	9492.33	6891.43	5188.95
60	2878.40	5017.42	7856.28	9811.41	9475.31	6463.77	4599.59
61	2800.29	4907.46	7866.66	9904.99	9430.74	6002.17	4042.58
62	2715.75	4787.23	7892.34	10018.70	9351.58	5481.37	3502.98
63	2628.14	4666.71	7905.19	10123.43	9220.56	4912.25	3016.10
64	2525.75	4547.59	7907.10	10236.04	9064.15	4315.42	2613.50
65	2428.11	4426.24	7917.47	10353.29	8824.80	3728.11	2318.82
66	2320.97	4304.88	7946.98	10469.99	8528.99	3202.96	2062.21
67	2206.03	4182.71	7968.29	10601.64	8173.21	2775.58	1840.92
68	2078.80	4044.70	7996.71	10715.36	7757.46	2450.28	1661.77
69	1949.07	3909.20	8031.67	10826.61	7299.31	2147.80	1506.01
70	1812.08	3754.24	8040.69	10960.45	6735.78	1893.10	1370.36
71	1667.00	3552.92	8027.02	11069.25	6140.65	1687.29	1246.13
72	1517.74	3366.60	7968.02	11139.44	5533.91	1522.74	1145.01
73	1359.83	3147.51	7819.67	11161.47	4943.64	1376.66	1052.31
74	1214.19	2907.04	7512.87	11109.52	4360.67	1250.67	950.09
75	1090.04	2648.80	6994.35	10905.77	3711.51	1116.53	876.15
76	965.32	2377.50	6138.70	10456.93	3178.25	1005.75	795.41
77	855.68	2055.40	5213.39	9705.60	2700.63	914.51	717.67
78	767.52	1763.83	4156.12	8722.22	2283.53	829.79	640.20
79	687.72	1520.58	3152.68	7529.67	1927.75	746.98	580.65
80	611.56	1260.12	2173.81	6058.01	1633.56	670.95	513.52
81	490.20	1074.35	1498.75	4693.53	1364.77	599.81	445.83
82	382.23	911.08	962.47	3386.71	1098.95	540.61	390.10
83	306.34	780.84	657.03	2444.42	895.53	474.90	334.10
84	241.33	671.72	448.32	1757.83	712.91	414.90	277.82
85	179.40	526.76	301.61	1287.50	557.58	354.62	229.17
86	125.55	328.22	189.59	855.52	410.89	275.06	183.49
87	94.02	207.42	103.82	535.08	287.43	206.36	148.70
88	56.36	123.02	55.73	265.23	186.13	153.96	109.28
89	38.50	46.93	28.42	78.61	96.71	95.03	67.15
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-L28-840-3 (120V).IES**

**CANDELA TABULATION - (Cont.)**

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



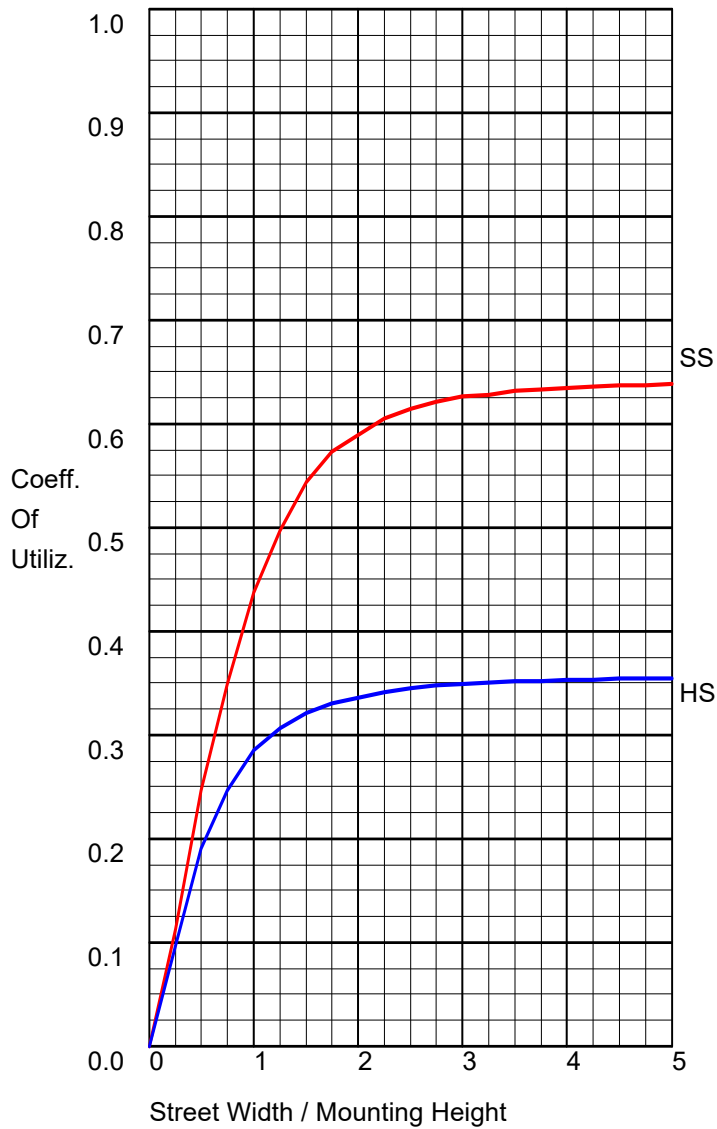
**IES ROAD REPORT**

**PHOTOMETRIC FILENAME : IES FILE - EYELITE MPL-L28-840-3 (120V).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

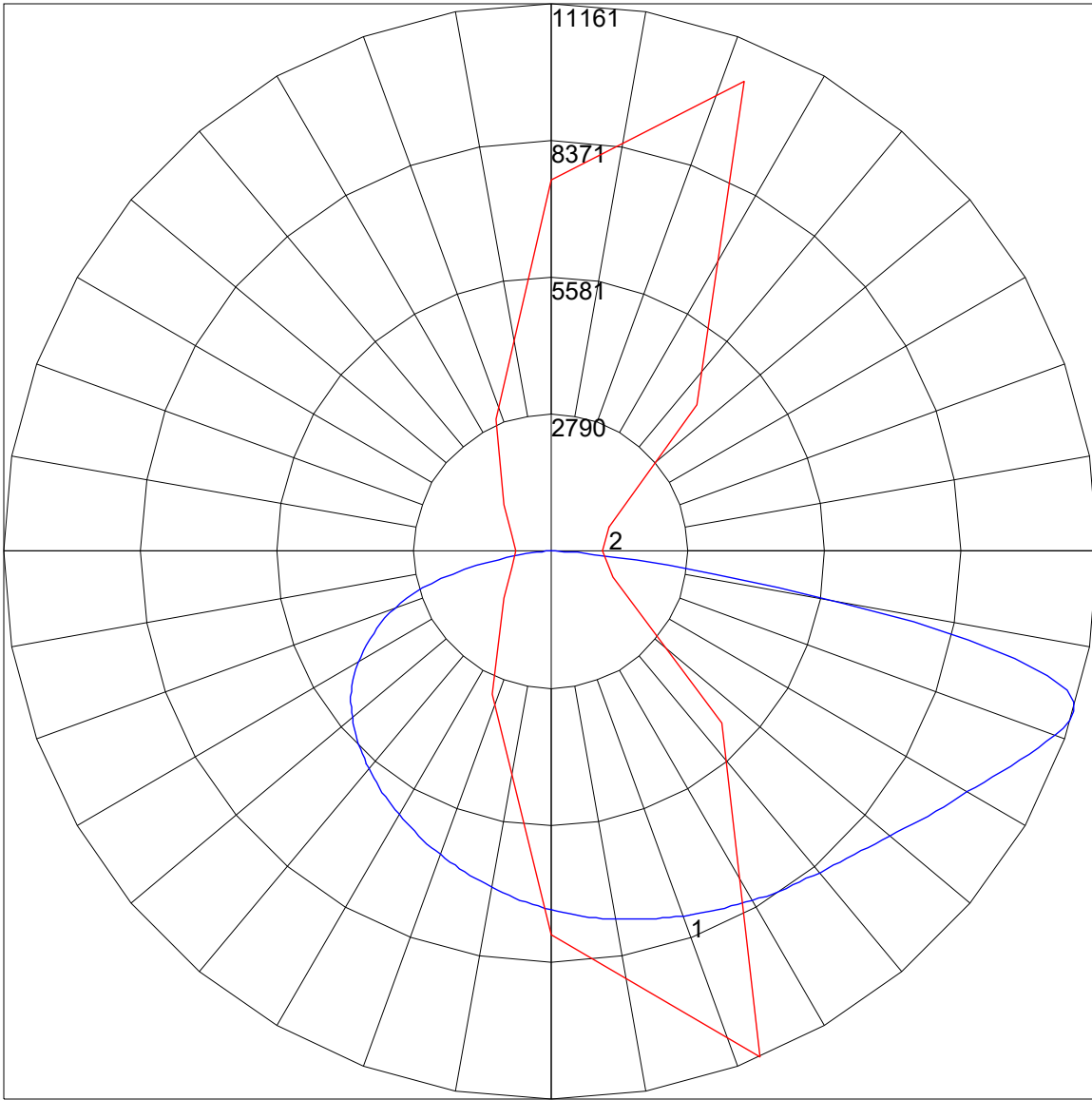
**COEFFICIENTS OF UTILIZATION**



**FLUX DISTRIBUTION**

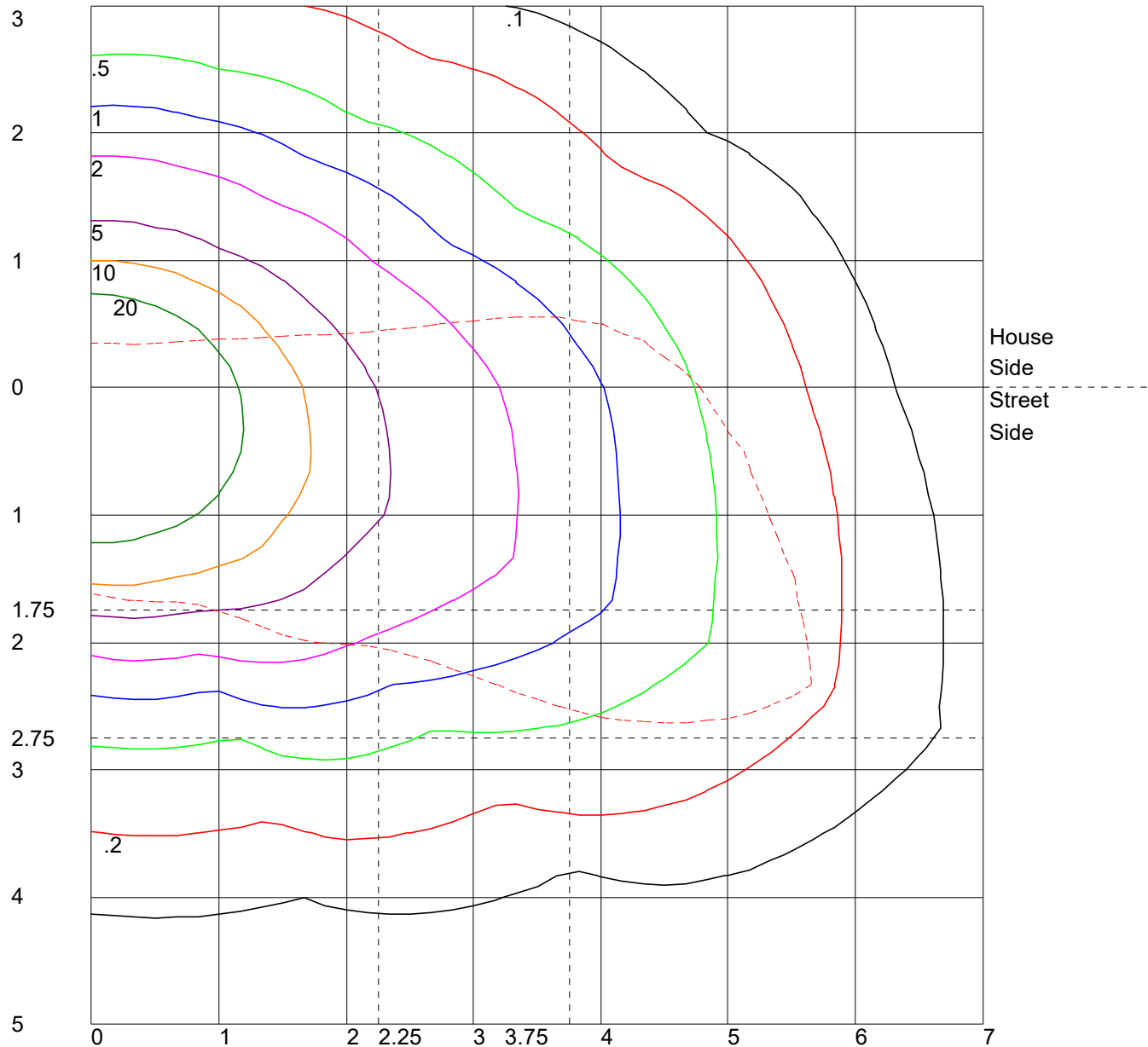
	Lumens	Percent Of Lamp
Downward Street Side	19034.9	64.3
Downward House Side	10554.4	35.7
Downward Total	29589.4	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
<b>Total Flux</b>	<b>29589.4</b>	<b>100.0</b>

POLAR GRAPH



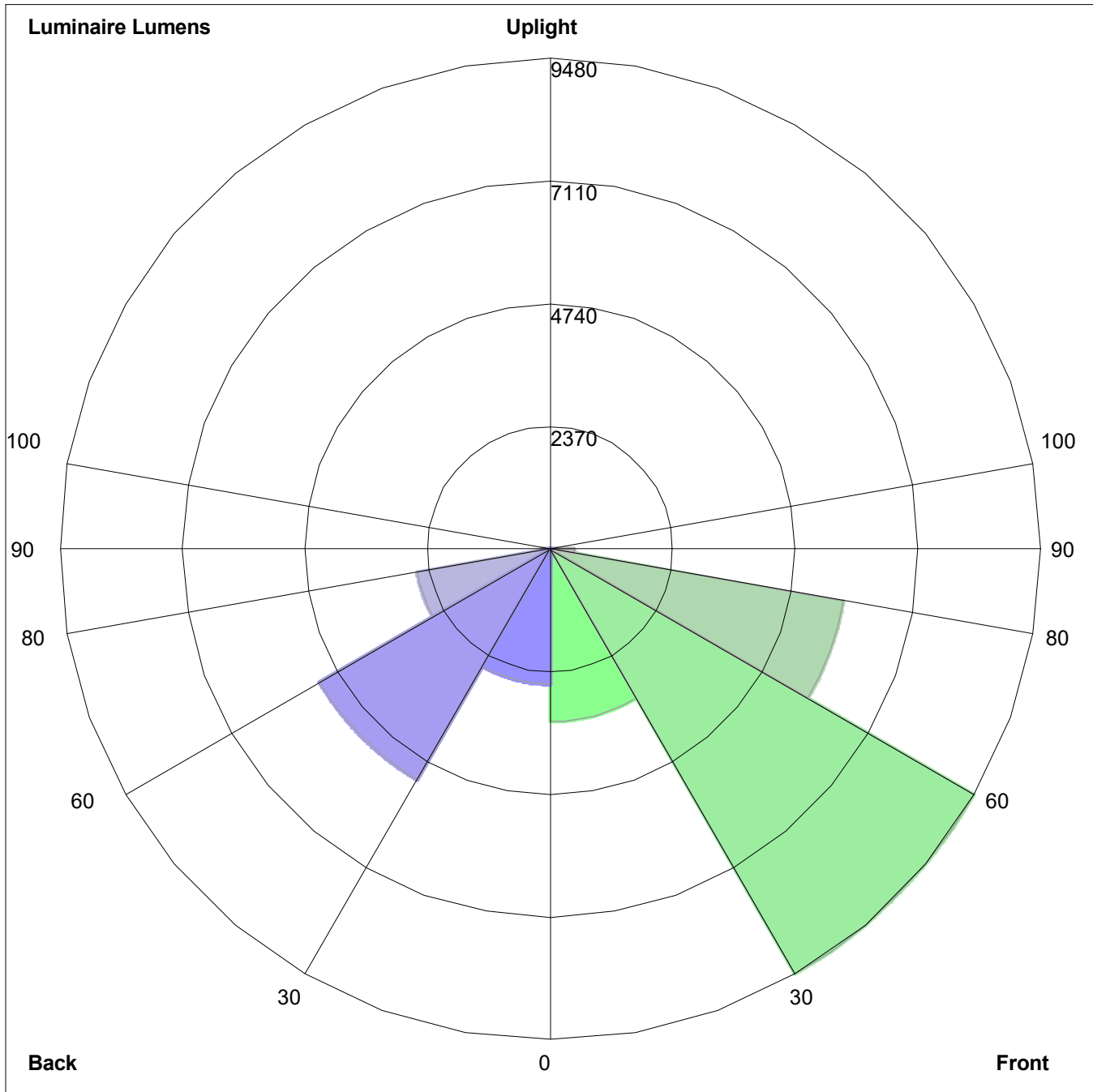
Maximum Candela = 11161.47 Located At Horizontal Angle = 292.5, Vertical Angle = 73  
# 1 - Vertical Plane Through Horizontal Angles (292.5 - 112.5) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (73) (Through Max. Cd.)

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=3328.8, Medium=9479.8, High=5766.2, Very High=460.2  
Back: Low= 2613.0, Medium=5147.4, High= 2613.0, Very High=181.0  
Uplight: Low=0.0, High=0.0

BUG Rating : B4-U0-G4