

EYELITE®

from EYE Lighting

IES ROAD REPORT

PHOTOMETRIC FILENAME : IES FILE - EYELITE MPL-L28-840-3 (277V).IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST]
[ISSUEDATE] 2018-3-28 17:09
[MANUFAC] ASHART LIGHT CO., LTD
[LUMCAT]
[LUMINAIRE] MPL-L28-840-3
[LAMPCAT]
[LAMP]
[VOLTAGE] 277.0 V
[CURRENT] 0.878 A
[POWERFACTOR] 0.948
[TESTLAB] Shenzhen Belling Test Laboratory
[TESTINST] GPM-3000
[TESTDIST] 17.398 m
[TESTTEMPERATURE] 22.5 °C
[TESTHUMIDITY]
[TESTOPERATOR]
[BALLAST]
[BALLASTCAT]

CHARACTERISTICS

IES Classification	Type III
Longitudinal Classification	Medium
Lumens Per Lamp	29783.8 (1 lamp)
Total Lamp Lumens	29783.8
Luminaire Lumens	29784
Downward Total Efficiency	100 %
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	126
Total Luminaire Watts	237.17
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	11216.78
Maximum Candela Angle	292.5H 73V
Maximum Candela (<90 Degrees Vertical)	11216.78
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	6594.12 (22.1% Lamp Lumens)
Cutoff Classification (deprecated)	Non-Cutoff



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LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	3349.7	11.2	11.2
FM - Front-Medium (30-60)	9540.7	32.0	32.0
FH - Front-High (60-80)	5801.0	19.5	19.5
FVH - Front-Very High (80-90)	461.7	1.6	1.6
BL - Back-Low (0-30)	2629.8	8.8	8.8
BM - Back-Medium (30-60)	5184.5	17.4	17.4
BH - Back-High (60-80)	2632.8	8.8	8.8
BVH - Back-Very High (80-90)	183.5	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	29783.7	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	7351.75	7351.75	7351.75	7351.75	7351.75	7351.75	7351.75	7351.75	7351.75	7351.75
1	7423.10	7414.99	7409.05	7377.69	7346.99	7315.03	7294.38	7278.40	7276.53	7284.34
2	7499.42	7479.35	7456.71	7399.11	7343.36	7281.37	7234.54	7204.23	7196.88	7211.11
3	7562.76	7542.58	7504.35	7421.37	7337.77	7245.76	7171.37	7126.72	7107.56	7126.51
4	7631.06	7599.45	7549.73	7444.76	7332.46	7202.92	7101.04	7048.12	7030.67	7054.95
5	7687.47	7658.25	7593.99	7471.54	7329.95	7168.15	7041.20	6972.01	6935.82	6975.06
6	7741.95	7715.12	7632.57	7487.61	7322.12	7133.93	6980.80	6884.54	6851.75	6899.89
7	7802.52	7760.33	7672.56	7513.54	7319.04	7106.67	6919.29	6801.52	6764.08	6816.40
8	7849.25	7808.60	7707.17	7532.71	7315.69	7064.38	6853.93	6717.10	6672.82	6729.02
9	7897.93	7855.75	7742.63	7550.46	7307.86	7019.60	6783.88	6634.61	6582.67	6652.47
10	7943.28	7895.97	7781.77	7572.17	7302.55	6984.27	6721.55	6549.37	6478.13	6574.52
11	7982.55	7932.86	7812.40	7594.99	7295.00	6948.39	6650.94	6459.42	6384.38	6492.69
12	8016.57	7970.87	7842.19	7615.86	7286.33	6910.83	6583.92	6365.31	6296.16	6410.03
13	8048.09	7996.94	7871.41	7638.69	7286.89	6875.23	6518.83	6286.70	6212.10	6319.61
14	8074.09	8023.56	7898.35	7660.11	7284.38	6839.34	6446.02	6195.09	6115.58	6238.61
15	8096.77	8052.42	7927.85	7677.30	7279.91	6797.89	6371.00	6105.42	6027.37	6153.73
16	8118.34	8079.59	7952.24	7697.03	7280.47	6766.46	6302.33	6016.30	5917.58	6071.63
17	8132.17	8098.73	7975.50	7718.73	7281.31	6730.29	6231.45	5928.28	5821.60	5986.74
18	8145.99	8120.38	8002.17	7739.31	7282.70	6695.52	6164.15	5828.92	5724.82	5906.58
19	8153.19	8129.80	8023.73	7758.48	7275.44	6650.74	6095.47	5742.57	5630.52	5819.76
20	8164.79	8141.18	8045.00	7780.46	7275.44	6615.68	6017.43	5653.72	5530.95	5735.16
21	8175.03	8156.71	8070.81	7796.81	7272.36	6580.08	5949.58	5558.23	5436.93	5655.27
22	8188.58	8161.43	8095.78	7815.13	7270.40	6548.92	5880.90	5465.24	5327.97	5566.23
23	8191.90	8174.19	8114.78	7828.10	7275.44	6507.47	5809.75	5376.94	5236.15	5478.86
24	8201.02	8181.12	8134.07	7847.26	7275.16	6467.69	5741.07	5281.18	5142.40	5393.98
25	8211.81	8185.28	8147.96	7868.96	7267.89	6423.46	5669.92	5192.61	5050.87	5312.71
26	8213.19	8192.77	8175.20	7880.81	7269.84	6388.40	5599.86	5101.00	4944.67	5229.21
27	8215.68	8196.38	8189.38	7897.44	7266.49	6348.63	5529.53	5011.32	4850.37	5146.56
28	8210.15	8208.86	8210.94	7916.60	7266.21	6308.57	5452.03	4913.89	4741.96	5056.13
29	8203.52	8210.80	8228.24	7942.25	7269.28	6264.07	5382.53	4804.29	4634.94	4964.60
30	8203.24	8216.35	8248.10	7955.22	7265.09	6224.56	5317.17	4709.35	4525.70	4864.46
31	8197.98	8213.02	8258.30	7968.46	7253.63	6183.39	5238.84	4610.55	4395.17	4768.76
32	8195.49	8209.14	8279.01	7983.68	7249.16	6148.61	5164.92	4498.46	4282.34	4667.23
33	8189.41	8213.58	8301.99	8004.25	7243.29	6106.06	5097.63	4400.47	4169.51	4567.10
34	8184.44	8220.78	8327.52	8017.79	7236.58	6064.61	5023.71	4282.84	4056.96	4458.65
35	8190.52	8229.11	8346.52	8033.57	7230.43	6026.22	4951.73	4174.62	3936.10	4344.09
36	8198.26	8237.43	8370.92	8049.36	7220.93	5978.37	4863.48	4060.87	3801.98	4235.63
37	8204.90	8241.59	8401.84	8068.52	7215.89	5935.25	4783.49	3955.14	3679.19	4131.89
38	8199.36	8245.47	8426.23	8081.77	7206.67	5890.74	4708.47	3827.54	3561.94	4018.72
39	8193.01	8248.25	8449.77	8100.38	7208.07	5847.90	4623.81	3717.67	3438.87	3908.87
40	8196.05	8260.17	8471.33	8120.11	7198.84	5800.61	4537.48	3610.00	3323.83	3780.17
41	8189.41	8264.34	8497.99	8140.12	7196.05	5761.67	4447.02	3495.42	3208.23	3658.39
42	8191.63	8277.09	8529.77	8154.77	7192.42	5711.03	4355.73	3384.15	3090.98	3550.78
43	8198.53	8297.89	8558.69	8176.76	7176.76	5672.65	4270.50	3273.44	2996.67	3443.43
44	8205.45	8305.67	8595.29	8205.22	7184.59	5623.97	4176.45	3166.33	2895.73	3324.15
45	8192.73	8312.04	8635.85	8231.44	7176.48	5574.73	4072.20	3061.98	2800.05	3212.92
46	8165.35	8322.87	8672.15	8256.52	7164.47	5522.71	3972.92	2966.22	2712.65	3113.34
47	8125.25	8326.75	8735.42	8297.96	7159.15	5477.37	3879.70	2871.56	2628.87	3017.08
48	8086.53	8318.14	8776.83	8336.57	7159.43	5424.52	3781.78	2775.52	2548.39	2920.56
49	8016.29	8307.33	8831.57	8380.83	7162.50	5366.10	3677.53	2696.08	2481.47	2832.63
50	7937.48	8282.08	8876.95	8423.95	7160.27	5306.00	3568.87	2620.25	2400.99	2759.68
51	7825.75	8240.20	8927.16	8470.17	7173.41	5250.92	3469.85	2544.96	2342.91	2672.86
52	7683.88	8175.30	8985.59	8516.40	7179.27	5197.52	3367.81	2473.55	2289.54	2611.83

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CANDELA TABULATION - (Cont.)

53	7486.42	8080.15	9036.37	8567.70	7189.06	5136.32	3269.34	2404.91	2234.23	2538.60
54	7267.95	7954.23	9087.42	8637.31	7198.00	5069.00	3155.71	2341.26	2185.56	2465.65
55	6965.69	7802.21	9136.22	8710.60	7207.23	4999.46	3048.43	2284.79	2126.37	2412.68
56	6636.60	7591.41	9163.74	8775.43	7215.61	4920.72	2966.52	2221.96	2074.38	2347.21
57	6211.82	7335.10	9187.56	8852.66	7227.36	4844.78	2866.67	2171.32	2025.99	2291.74
58	5765.19	7048.84	9204.01	8940.32	7236.30	4769.12	2794.69	2120.94	1979.53	2229.33
59	5198.27	6658.29	9196.06	9037.84	7246.64	4680.65	2708.36	2063.93	1917.58	2180.50
60	4661.49	6208.92	9171.67	9110.84	7257.83	4572.45	2623.70	2013.83	1858.68	2123.09
61	4046.72	5741.54	9106.71	9198.49	7257.55	4467.30	2554.74	1959.30	1796.45	2067.33
62	3506.63	5137.68	9015.67	9305.60	7280.19	4345.17	2475.87	1905.05	1724.27	1989.38
63	3019.63	4596.23	8865.33	9405.39	7287.17	4246.70	2411.05	1837.24	1649.33	1923.37
64	2650.16	3972.40	8642.66	9521.23	7303.94	4118.18	2330.80	1762.23	1558.34	1841.81
65	2333.51	3389.34	8353.61	9632.00	7329.10	4006.35	2252.75	1684.74	1473.73	1750.00
66	2066.64	2906.96	8002.17	9732.90	7359.29	3907.04	2167.80	1583.72	1381.36	1650.70
67	1850.10	2547.21	7619.80	9851.29	7392.28	3798.82	2076.23	1489.89	1280.69	1538.64
68	1671.73	2228.21	7146.67	9980.94	7430.85	3672.82	1971.43	1386.38	1177.81	1427.69
69	1521.29	1960.54	6644.31	10106.37	7483.68	3543.19	1858.62	1271.79	1078.54	1302.31
70	1378.04	1761.10	6031.91	10237.43	7523.09	3408.82	1756.02	1161.35	989.49	1195.52
71	1269.07	1580.80	5406.73	10341.16	7560.83	3273.35	1619.23	1055.63	896.29	1060.99
72	1166.48	1430.19	4803.11	10397.81	7595.49	3097.81	1480.77	950.45	810.28	962.51
73	1062.50	1293.15	4211.70	10421.77	7610.59	2919.23	1340.67	860.78	728.98	869.31
74	968.47	1188.31	3697.71	10388.51	7592.70	2738.96	1208.83	771.38	624.17	790.54
75	888.55	1079.85	3192.81	10273.79	7465.79	2533.95	1083.89	689.18	544.53	713.15
76	807.24	967.79	2681.95	10030.83	7168.38	2320.02	958.69	636.87	471.52	636.04
77	723.18	880.14	2325.40	9598.74	6548.95	2056.59	847.26	556.59	416.21	567.53
78	648.78	808.29	1973.95	8829.27	5739.74	1795.10	753.48	501.24	365.32	508.17
79	583.79	724.52	1699.66	7918.01	4733.45	1556.98	664.95	433.99	331.58	460.18
80	527.66	659.06	1471.03	6594.12	3534.85	1291.59	581.67	387.49	297.84	396.66
81	454.65	593.32	1261.97	5258.94	2529.41	1083.51	463.89	330.20	261.33	347.56
82	399.06	519.81	1012.93	3922.92	1752.61	913.27	360.20	285.36	227.32	297.35
83	338.21	461.01	826.28	2861.45	1182.10	760.26	283.53	242.45	195.25	252.14
84	286.23	407.75	654.67	2020.93	779.59	632.02	222.02	202.32	167.59	210.25
85	236.73	344.23	513.69	1445.95	509.58	489.05	164.38	161.09	137.45	162.82
86	199.95	275.72	384.64	926.76	341.85	287.09	120.53	117.07	107.58	120.39
87	153.20	210.25	268.62	528.20	218.59	172.47	83.85	82.48	63.32	79.33
88	107.85	154.77	169.06	260.44	128.30	97.64	59.29	45.39	55.59	61.30
89	76.60	80.99	79.71	76.66	54.79	48.69	31.44	31.56	30.15	25.79
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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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 (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	7351.75	7351.75	7351.75	7351.75	7351.75	7351.75	7351.75
1	7300.40	7325.54	7354.54	7382.62	7412.70	7426.75	7423.10
2	7250.49	7305.25	7356.50	7420.45	7469.80	7492.90	7499.42
3	7198.58	7275.93	7362.64	7449.94	7527.71	7552.97	7562.76
4	7140.15	7248.31	7364.60	7479.99	7578.18	7613.85	7631.06
5	7086.25	7222.09	7366.00	7512.53	7626.45	7672.53	7687.47
6	7031.22	7201.52	7369.92	7542.02	7671.41	7733.42	7741.95
7	6974.49	7171.65	7374.39	7569.28	7718.01	7786.56	7802.52
8	6916.34	7140.64	7374.11	7598.21	7758.83	7840.53	7849.25
9	6860.18	7114.71	7380.81	7629.37	7805.17	7887.59	7897.93
10	6801.75	7084.27	7390.32	7658.85	7846.26	7932.14	7943.28
11	6745.87	7064.26	7400.66	7690.85	7885.97	7973.94	7982.55
12	6683.74	7033.81	7403.46	7717.56	7920.73	8016.29	8016.57
13	6627.29	7006.48	7415.48	7743.15	7949.69	8049.23	8048.09
14	6566.59	6979.69	7425.54	7776.25	7994.64	8086.31	8074.09
15	6512.13	6954.61	7435.04	7801.84	8026.08	8113.98	8096.77
16	6454.55	6928.12	7443.15	7828.27	8064.97	8140.56	8118.34
17	6388.75	6898.24	7453.77	7863.04	8100.00	8168.51	8132.17
18	6328.32	6871.47	7469.70	7887.80	8136.13	8187.88	8145.99
19	6269.89	6843.84	7477.25	7927.58	8161.22	8207.54	8153.19
20	6217.69	6814.25	7490.67	7959.29	8192.94	8223.31	8164.79
21	6165.23	6790.29	7494.30	7987.94	8222.73	8239.92	8175.03
22	6111.33	6767.17	7502.13	8022.16	8250.86	8255.70	8188.58
23	6058.57	6738.99	7501.57	8051.93	8278.72	8270.09	8191.90
24	5995.32	6705.45	7513.86	8080.02	8299.95	8282.83	8201.02
25	5935.74	6684.03	7518.90	8108.40	8326.71	8290.57	8211.81
26	5879.58	6651.90	7529.24	8134.82	8350.98	8295.83	8213.19
27	5807.54	6617.23	7539.03	8172.37	8371.11	8305.24	8215.68
28	5743.99	6586.78	7552.17	8196.03	8396.75	8311.33	8210.15
29	5685.85	6560.01	7563.34	8231.62	8410.82	8317.69	8203.52
30	5624.29	6539.15	7577.60	8261.12	8432.33	8319.64	8203.24
31	5560.18	6510.96	7587.10	8299.78	8458.82	8320.19	8197.98
32	5490.70	6481.65	7588.23	8337.89	8475.09	8321.02	8195.49
33	5425.73	6446.42	7593.81	8373.78	8497.43	8334.58	8189.41
34	5353.97	6412.03	7600.80	8403.82	8523.07	8339.57	8184.44
35	5292.70	6386.67	7603.03	8432.19	8550.38	8351.46	8190.52

IES ROAD REPORT**PHOTOMETRIC FILENAME : IES FILE - EYELITE MPL-L28-840-3 (277V).IES****CANDELA TABULATION - (Cont.)**

36	5217.25	6358.48	7609.47	8464.46	8572.44	8358.11	8198.26
37	5146.62	6324.65	7621.76	8497.29	8598.37	8364.20	8204.90
38	5052.44	6286.32	7633.78	8529.84	8628.16	8383.57	8199.36
39	4969.62	6255.32	7643.28	8567.95	8664.56	8402.94	8193.01
40	4885.37	6214.73	7639.37	8606.62	8705.93	8417.89	8196.05
41	4799.71	6177.24	7652.23	8640.00	8729.66	8436.44	8189.41
42	4710.08	6145.11	7663.98	8675.61	8759.99	8453.04	8191.63
43	4613.07	6110.44	7674.59	8714.83	8813.49	8467.44	8198.53
44	4518.90	6071.27	7681.31	8758.50	8848.24	8491.79	8205.45
45	4427.27	6033.78	7690.53	8806.35	8884.10	8510.33	8192.73
46	4324.31	5994.04	7705.62	8863.38	8935.95	8522.51	8165.35
47	4221.06	5947.81	7719.32	8909.55	8978.42	8529.16	8125.25
48	4107.03	5899.04	7733.01	8965.74	9030.55	8521.69	8086.53
49	4004.34	5851.69	7751.18	9033.34	9093.99	8511.44	8016.29
50	3896.56	5802.65	7762.09	9078.97	9148.05	8487.36	7937.48
51	3801.25	5754.46	7787.52	9146.84	9214.78	8442.52	7825.75
52	3678.99	5694.99	7809.04	9223.62	9279.60	8382.46	7683.88
53	3568.93	5632.41	7833.37	9291.77	9351.31	8298.32	7486.42
54	3473.63	5566.74	7850.42	9372.16	9393.23	8180.69	7267.95
55	3370.67	5501.90	7867.75	9461.74	9433.77	8024.03	6965.69
56	3273.08	5422.14	7883.95	9552.15	9477.35	7828.08	6636.60
57	3175.50	5341.53	7897.93	9626.42	9515.69	7571.51	6211.82
58	3080.20	5261.76	7905.76	9707.66	9539.68	7286.70	5765.19
59	2989.14	5159.73	7908.28	9789.16	9540.78	6927.72	5198.27
60	2912.84	5063.34	7913.03	9880.68	9527.54	6506.46	4661.49
61	2823.50	4949.75	7929.80	9981.94	9473.48	6022.11	4046.72
62	2738.40	4837.85	7953.28	10090.14	9392.40	5446.42	3506.63
63	2649.89	4715.23	7969.49	10196.13	9260.57	4871.55	3019.63
64	2549.48	4597.42	7972.29	10293.78	9095.64	4287.55	2650.16
65	2458.15	4477.34	7985.70	10427.31	8857.35	3737.87	2333.51
66	2335.04	4344.59	8012.53	10546.92	8553.41	3205.07	2066.64
67	2219.02	4225.08	8036.58	10673.77	8187.15	2806.24	1850.10
68	2098.19	4094.86	8068.16	10785.88	7774.00	2432.04	1671.73
69	1969.69	3959.28	8100.31	10904.11	7318.10	2145.29	1521.29
70	1825.59	3787.07	8108.70	11037.35	6797.12	1900.63	1378.04
71	1676.11	3608.38	8089.13	11136.10	6190.35	1707.71	1269.07
72	1526.06	3413.89	8035.46	11199.26	5575.32	1535.84	1166.48
73	1372.60	3193.47	7871.66	11216.78	4932.42	1385.27	1062.50
74	1225.67	2930.21	7545.45	11155.85	4347.17	1248.81	968.47
75	1090.65	2658.51	7007.65	10943.33	3702.63	1124.26	888.55
76	965.55	2386.79	6231.13	10484.05	3156.82	1016.61	807.24
77	860.89	2090.83	5270.69	9726.01	2682.44	918.07	723.18
78	781.19	1800.24	4210.74	8739.58	2273.98	833.38	648.78
79	695.52	1521.77	3120.88	7516.15	1919.85	751.17	583.79
80	623.47	1289.23	2231.72	6019.54	1632.47	682.25	527.66
81	499.52	1084.60	1473.09	4665.08	1357.76	613.34	454.65
82	387.76	921.40	968.27	3385.45	1098.51	545.81	399.06
83	302.66	776.81	663.03	2444.09	887.53	484.91	338.21
84	233.16	658.70	451.71	1757.82	717.35	411.56	286.23
85	192.31	534.97	315.58	1279.35	555.18	353.72	236.73
86	143.25	337.10	200.98	852.06	423.90	292.55	199.95
87	97.29	207.45	124.11	542.73	290.14	210.63	153.20
88	71.20	113.03	64.56	266.21	187.27	161.92	107.85
89	40.56	60.88	34.38	87.63	96.25	86.36	76.60
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 (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

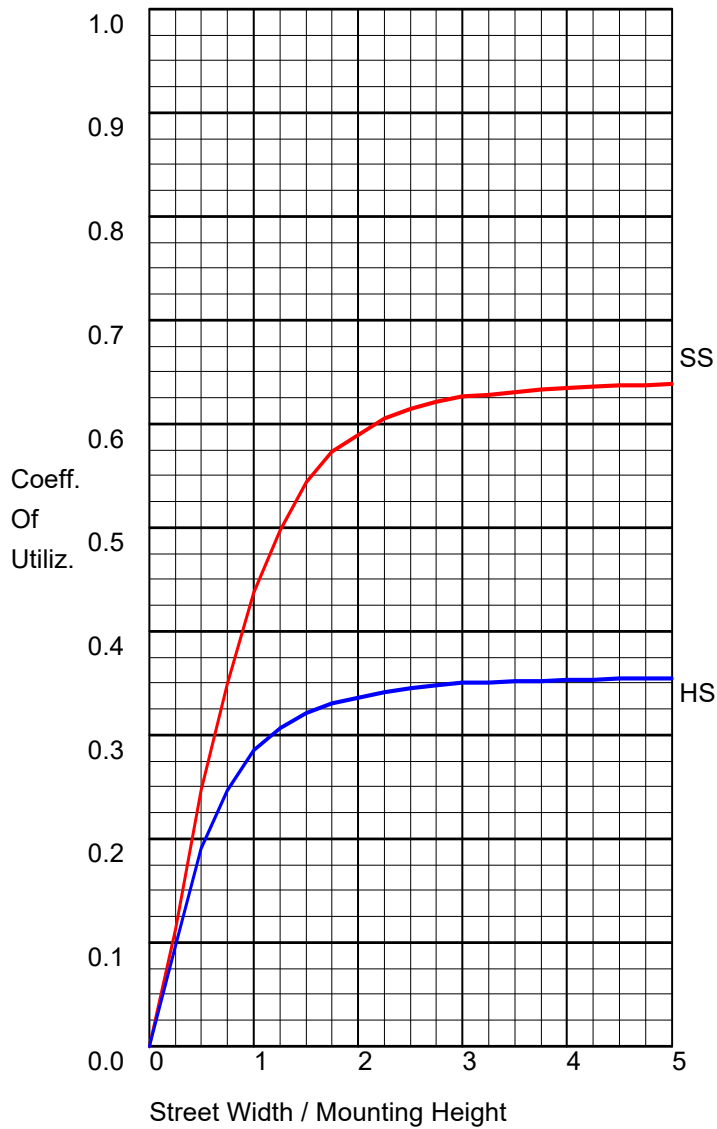
IES ROAD REPORT

PHOTOMETRIC FILENAME : IES FILE - EYELITE MPL-L28-840-3 (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

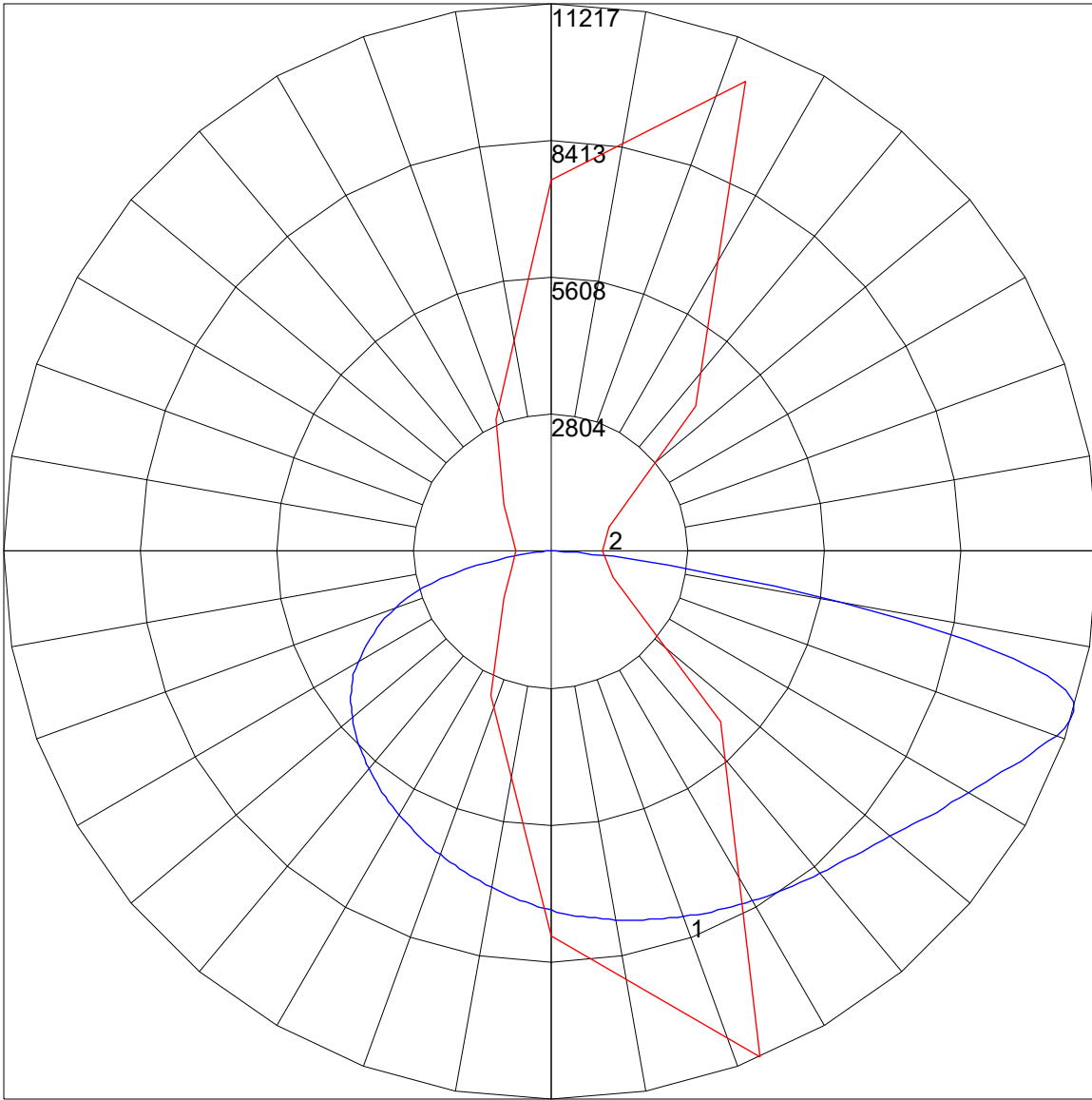
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

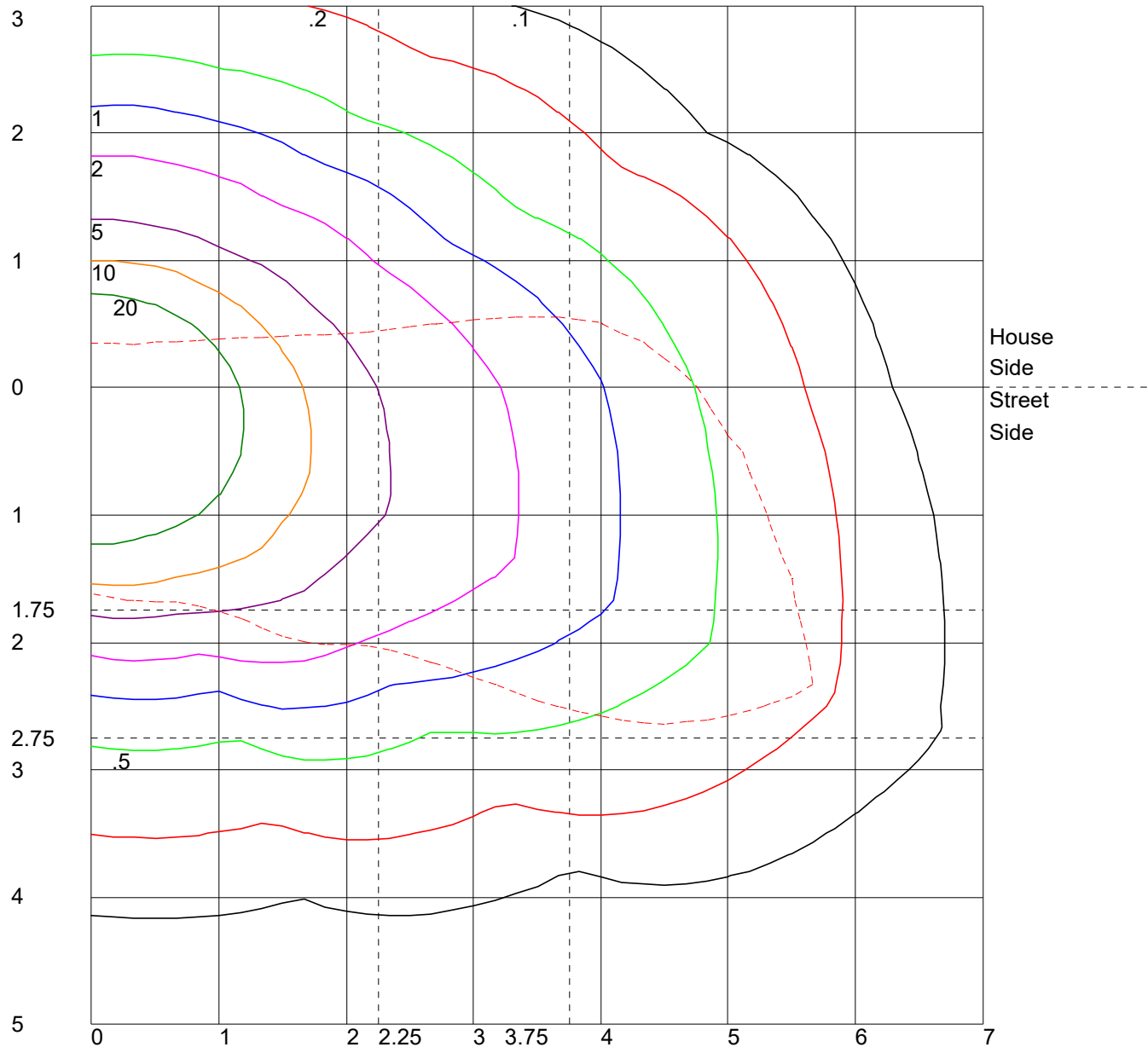
	Lumens	Percent Of Lamp
Downward Street Side	19153.1	64.3
Downward House Side	10630.7	35.7
Downward Total	29783.8	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	29783.8	100.0

POLAR GRAPH



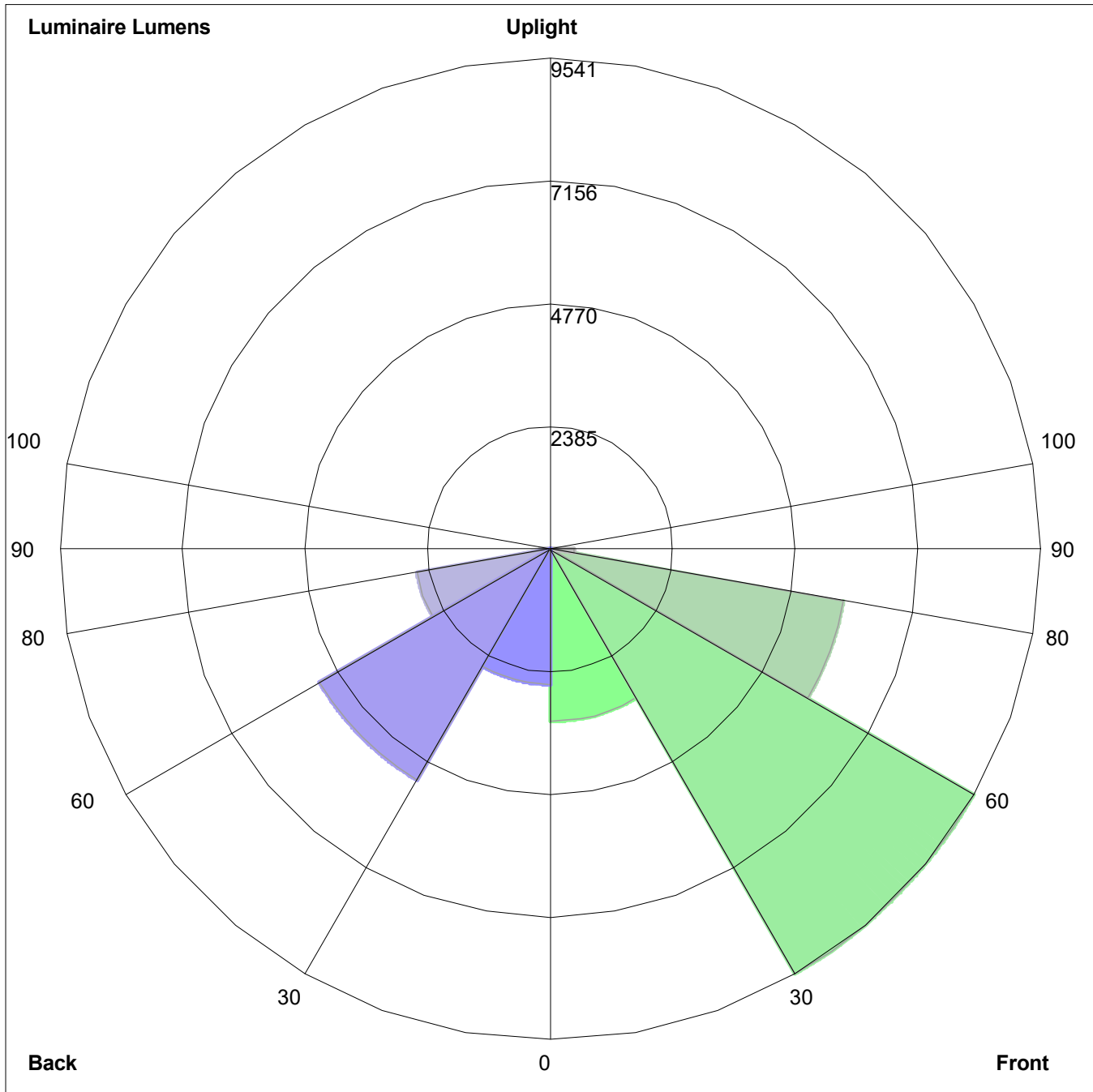
Maximum Candela = 11216.78 Located At Horizontal Angle = 292.5, Vertical Angle = 73
1 - Vertical Plane Through Horizontal Angles (292.5 - 112.5) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (73) (Through Max. Cd.)

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=3349.7, Medium=9540.7, High= 5801.0, Very High=461.7
Back: Low=2629.8, Medium=5184.5, High=2632.8, Very High=183.5
Uplight: Low=0.0, High=0.0

BUG Rating : B4-U0-G4