

# EYELITE<sup>®</sup>

*from EYE Lighting*

## IES ROAD REPORT

PHOTOMETRIC FILENAME : IES FILE - EYELITE MPL-L33-840-3 (120V).IES

## DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST]  
[ISSUE DATE] 2018-3-28 17:36  
[MANUFAC] ASHART LIGHT CO., LTD  
[LUMCAT]  
[LUMINAIRE] MPL-L33-840-3  
[LAMPCAT]  
[LAMP]  
[VOLTAGE] 119.4 V  
[CURRENT] 2.334 A  
[POWERFACTOR] 0.999  
[TESTLAB] Shenzhen Belling Test Laboratory  
[TESTINST] GPM-3000  
[TESTDIST] 17.398 m  
[TESTTEMPERATURE] 22.6 °C  
[TESTHUMIDITY]  
[TESTOPERATOR]  
[BALLAST]  
[BALLASTCAT]

## CHARACTERISTICS

IES Classification	Type III
Longitudinal Classification	Medium
Lumens Per Lamp	34423.7 (1 lamp)
Total Lamp Lumens	34423.7
Luminaire Lumens	34424
Downward Total Efficiency	100 %
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	123
Total Luminaire Watts	279.39
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	12770.54
Maximum Candela Angle	292.5H 71V
Maximum Candela (<90 Degrees Vertical)	12770.54
Maximum Candela Angle (<90 Degrees Vertical)	292.5H 71V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Lamp Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	6918.32 (20.1% Lamp Lumens)
Cutoff Classification (deprecated)	Non-Cutoff



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**LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	3878.3	11.3	11.3
FM - Front-Medium (30-60)	11129.5	32.3	32.3
FH - Front-High (60-80)	6595.5	19.2	19.2
FVH - Front-Very High (80-90)	497.6	1.4	1.4
BL - Back-Low (0-30)	3019.1	8.8	8.8
BM - Back-Medium (30-60)	6014.8	17.5	17.5
BH - Back-High (60-80)	3081.1	9.0	9.0
BVH - Back-Very High (80-90)	207.8	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	34423.7	100.1	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	8457.25	8457.25	8457.25	8457.25	8457.25	8457.25	8457.25	8457.25	8457.25	8457.25
1	8543.14	8534.30	8514.82	8489.61	8453.39	8412.93	8388.64	8372.44	8366.13	8368.87
2	8631.78	8610.53	8570.14	8521.13	8453.39	8376.31	8317.84	8285.18	8275.56	8287.40
3	8709.69	8680.13	8624.04	8545.05	8449.80	8336.66	8248.69	8191.04	8183.05	8197.09
4	8782.91	8751.38	8683.03	8577.41	8443.71	8295.64	8172.97	8101.29	8075.70	8108.16
5	8854.76	8830.64	8739.47	8605.26	8435.43	8250.21	8098.35	8010.45	7973.83	8019.78
6	8922.49	8887.00	8787.45	8629.47	8432.12	8207.81	8027.55	7902.60	7874.46	7933.88
7	8989.39	8953.00	8839.66	8659.86	8427.69	8165.40	7957.03	7806.00	7771.50	7826.17
8	9048.57	9006.85	8890.46	8688.56	8426.86	8124.11	7877.49	7707.20	7666.06	7731.17
9	9108.58	9058.22	8933.08	8717.54	8421.34	8088.59	7797.67	7609.77	7551.26	7638.65
10	9158.14	9111.53	8974.28	8742.59	8417.75	8047.29	7718.95	7513.71	7440.60	7540.60
11	9209.62	9159.03	9018.87	8771.29	8417.19	8004.90	7639.14	7409.42	7336.53	7447.53
12	9250.64	9200.74	9061.49	8803.09	8411.11	7962.21	7563.14	7305.96	7226.97	7349.48
13	9292.75	9238.02	9100.15	8832.36	8412.77	7922.84	7482.51	7188.77	7116.85	7237.35
14	9330.48	9274.48	9133.73	8863.02	8411.94	7883.20	7403.24	7084.48	7002.33	7137.38
15	9361.30	9309.55	9169.01	8890.88	8411.66	7831.43	7314.40	6981.02	6877.07	7044.31
16	9390.76	9341.86	9209.08	8917.89	8411.66	7788.76	7239.78	6873.44	6762.54	6941.01
17	9415.54	9375.83	9241.82	8946.88	8413.33	7750.22	7157.77	6768.05	6648.03	6846.01
18	9437.83	9395.99	9267.51	8973.89	8410.83	7715.52	7075.49	6656.35	6534.88	6739.95
19	9455.73	9416.71	9303.34	8998.10	8415.81	7663.49	6994.31	6555.35	6411.27	6645.50
20	9464.27	9442.12	9338.34	9019.48	8414.99	7622.46	6906.84	6449.69	6300.88	6549.94
21	9486.29	9459.79	9366.56	9050.71	8416.37	7585.02	6827.31	6347.61	6197.37	6451.89
22	9496.75	9477.75	9394.78	9067.88	8417.47	7545.09	6745.30	6242.22	6091.39	6353.30
23	9509.96	9490.73	9428.37	9092.36	8421.61	7506.82	6672.04	6143.70	5984.58	6256.36
24	9519.88	9505.36	9450.94	9117.97	8423.82	7461.40	6591.96	6031.17	5879.69	6155.00
25	9523.45	9517.79	9470.41	9141.88	8427.96	7411.83	6503.12	5929.63	5764.07	6063.30
26	9531.44	9523.59	9482.84	9166.09	8427.14	7368.61	6420.02	5823.69	5654.50	5966.64
27	9526.48	9541.54	9515.01	9184.38	8427.69	7327.58	6337.20	5717.75	5541.90	5875.50
28	9533.09	9552.87	9538.43	9212.79	8436.81	7278.85	6252.46	5607.70	5419.68	5775.52
29	9530.89	9558.66	9559.04	9244.59	8437.36	7234.24	6172.91	5492.17	5295.52	5661.18
30	9535.84	9578.27	9584.44	9269.63	8430.73	7186.90	6090.92	5383.21	5171.64	5565.35
31	9546.02	9581.32	9608.43	9295.25	8424.37	7143.94	6017.39	5270.96	5040.05	5455.15
32	9552.36	9585.46	9634.39	9321.70	8429.34	7098.24	5936.47	5152.68	4910.11	5347.72
33	9564.74	9598.44	9675.31	9352.65	8427.69	7052.25	5856.11	5032.47	4788.71	5232.83
34	9569.16	9607.00	9709.74	9374.04	8427.41	7008.48	5767.00	4907.32	4655.47	5121.52
35	9579.34	9621.09	9732.59	9403.30	8427.41	6953.14	5674.61	4779.15	4519.19	4990.89
36	9586.22	9631.57	9767.59	9432.28	8423.54	6904.95	5586.05	4658.96	4366.41	4872.13
37	9596.13	9650.08	9809.65	9455.36	8420.79	6863.93	5501.31	4530.24	4227.38	4755.30
38	9593.10	9660.03	9846.90	9488.28	8414.99	6814.92	5416.31	4395.48	4093.32	4630.75
39	9591.73	9673.01	9879.07	9513.04	8419.68	6763.98	5322.27	4269.52	3958.70	4506.47
40	9583.46	9686.26	9918.58	9537.25	8415.81	6721.31	5211.57	4145.19	3822.16	4358.99
41	9578.51	9699.52	9966.56	9562.57	8415.81	6668.17	5115.08	4014.01	3687.54	4227.52
42	9579.61	9719.40	10005.50	9592.67	8413.61	6617.51	5019.68	3886.39	3555.39	4101.31
43	9573.01	9735.70	10054.90	9628.13	8413.04	6576.21	4918.00	3754.94	3435.65	3958.80
44	9561.17	9739.01	10105.69	9664.71	8419.68	6521.15	4805.38	3633.90	3328.56	3843.35
45	9532.54	9739.56	10153.39	9704.96	8417.47	6465.25	4694.95	3520.84	3211.83	3718.80
46	9486.84	9738.46	10212.37	9755.04	8420.79	6416.79	4590.53	3402.27	3116.30	3595.34
47	9419.94	9734.04	10285.47	9807.10	8419.96	6366.14	4480.10	3295.25	3012.52	3486.52
48	9350.30	9714.43	10349.82	9860.28	8428.79	6311.90	4368.03	3186.02	2924.16	3369.42
49	9272.11	9687.92	10405.70	9925.28	8440.67	6252.15	4242.02	3095.18	2831.66	3268.34
50	9137.22	9641.52	10469.19	9991.69	8460.29	6191.03	4134.05	3006.81	2760.36	3179.96
51	8986.36	9564.75	10513.78	10055.28	8483.22	6131.29	4021.70	2920.90	2682.72	3087.99
52	8776.04	9461.45	10578.69	10135.49	8503.11	6075.67	3901.98	2843.24	2619.41	3007.35

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**CANDELA TABULATION - (Cont.)**

53	8531.58	9315.35	10641.63	10214.84	8519.41	6010.96	3785.26	2764.74	2547.83	2922.28
54	8213.34	9143.02	10696.94	10298.97	8542.62	5942.13	3657.61	2691.47	2480.38	2836.94
55	7818.56	8908.81	10724.89	10405.90	8562.23	5865.86	3551.27	2618.19	2412.94	2764.58
56	7401.78	8641.74	10745.49	10506.08	8585.99	5790.98	3444.41	2554.25	2349.89	2692.22
57	6891.94	8298.72	10769.19	10605.41	8608.64	5702.04	3340.53	2488.10	2297.86	2622.91
58	6295.93	7881.42	10762.14	10715.15	8630.74	5615.04	3235.02	2423.34	2234.27	2550.00
59	5645.69	7398.09	10716.13	10835.02	8665.55	5514.55	3140.45	2360.21	2176.19	2481.22
60	5009.76	6840.21	10642.47	10949.27	8682.68	5401.94	3057.07	2301.49	2109.01	2417.97
61	4411.55	6204.99	10511.80	11069.43	8716.38	5283.82	2964.41	2223.26	2037.99	2351.14
62	3804.26	5568.66	10353.77	11199.15	8744.84	5148.09	2874.75	2160.14	1946.59	2266.07
63	3304.05	4891.74	10115.57	11319.86	8778.26	5018.13	2787.01	2084.95	1859.60	2187.64
64	2925.81	4282.48	9826.29	11461.41	8813.63	4893.41	2694.89	1996.85	1764.35	2093.47
65	2572.60	3637.32	9440.51	11600.13	8866.39	4771.99	2597.31	1898.33	1663.86	1992.10
66	2303.92	3182.72	8966.94	11738.58	8923.03	4651.94	2490.71	1803.64	1558.16	1883.56
67	2065.51	2768.46	8422.82	11880.39	8981.33	4523.64	2370.98	1679.60	1446.38	1751.00
68	1871.71	2431.23	7856.97	12015.47	9043.48	4373.59	2250.72	1564.87	1322.23	1624.78
69	1702.13	2182.95	7213.23	12145.19	9122.21	4213.62	2123.05	1429.58	1216.24	1490.56
70	1549.34	1946.81	6513.33	12260.84	9190.45	4051.46	1992.40	1304.16	1108.88	1356.60
71	1421.61	1754.03	5793.95	12337.10	9247.64	3876.62	1821.56	1188.61	1006.19	1220.45
72	1300.20	1589.70	5118.32	12345.25	9293.78	3648.09	1668.21	1070.60	908.19	1104.45
73	1194.50	1448.57	4441.84	12281.38	9274.17	3426.73	1511.05	967.68	822.30	994.25
74	1088.78	1320.70	3860.19	12137.03	9170.29	3192.70	1359.61	869.44	700.34	897.87
75	1003.99	1197.53	3320.31	11868.86	8878.28	2926.47	1210.91	778.05	605.36	804.79
76	913.97	1090.65	2872.43	11385.99	8373.26	2643.42	1070.41	700.66	532.96	718.35
77	824.50	991.22	2475.06	10666.47	7471.27	2335.33	947.95	628.21	470.20	653.73
78	740.81	902.28	2144.86	9653.74	6368.98	2049.00	846.55	563.71	420.10	585.51
79	657.12	816.67	1851.35	8360.74	5097.89	1753.01	755.25	486.32	372.74	517.84
80	587.47	738.51	1606.11	6918.32	3843.65	1459.24	636.34	424.56	332.55	460.95
81	512.59	666.71	1356.35	5260.92	2644.12	1223.56	501.59	369.40	288.51	404.88
82	447.90	597.11	1094.45	3868.31	1838.81	1040.19	399.35	318.91	251.07	351.58
83	383.21	517.56	894.07	2851.35	1252.03	870.59	312.98	270.88	221.33	298.83
84	323.20	441.34	728.41	2121.70	844.81	717.50	246.01	223.67	184.17	257.40
85	268.69	377.55	565.56	1489.13	569.65	503.58	183.41	178.94	138.20	195.54
86	219.13	307.67	421.36	996.70	362.46	305.89	123.83	129.54	112.04	151.07
87	166.55	231.72	300.56	572.92	220.46	183.09	87.75	84.53	92.22	102.19
88	130.49	161.02	182.32	254.95	120.18	93.89	55.49	55.99	56.16	67.39
89	83.69	88.93	88.06	52.06	47.52	33.59	29.52	24.70	29.74	38.11
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-L33-840-3 (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. Angles      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	8457.25	8457.25	8457.25	8457.25	8457.25	8457.25	8457.25
1	8401.65	8431.93	8463.05	8494.71	8521.75	8544.53	8543.14
2	8340.13	8399.29	8464.98	8537.93	8593.92	8619.45	8631.78
3	8275.78	8373.68	8464.98	8574.27	8656.52	8699.58	8709.69
4	8208.34	8344.70	8469.13	8613.64	8724.86	8768.74	8782.91
5	8142.86	8310.94	8471.34	8641.45	8777.61	8842.29	8854.76
6	8082.18	8276.60	8477.69	8675.86	8837.20	8908.44	8922.49
7	8008.52	8247.05	8478.25	8710.83	8892.69	8968.81	8989.39
8	7939.94	8209.35	8491.51	8745.25	8947.08	9031.12	9048.57
9	7870.52	8177.83	8490.68	8783.79	8997.11	9086.28	9108.58
10	7799.68	8141.25	8500.07	8820.41	9050.68	9141.99	9158.14
11	7736.19	8114.24	8511.68	8858.96	9097.14	9189.46	9209.62
12	7662.81	8077.38	8526.04	8895.86	9140.61	9238.32	9250.64
13	7589.15	8049.81	8537.64	8934.13	9187.35	9277.29	9292.75
14	7521.42	8017.72	8553.66	8973.50	9224.25	9313.51	9330.48
15	7448.32	7989.02	8566.38	9006.81	9262.52	9352.76	9361.30
16	7376.63	7958.91	8580.75	9037.37	9308.44	9390.35	9390.76
17	7309.47	7927.68	8594.55	9075.91	9353.54	9420.55	9415.54
18	7233.27	7898.13	8618.04	9113.92	9393.18	9455.13	9437.83
19	7176.27	7868.58	8631.57	9148.32	9425.97	9487.24	9455.73
20	7111.07	7842.69	8652.02	9187.43	9465.34	9511.94	9464.27
21	7043.62	7811.18	8667.21	9228.73	9501.97	9533.34	9486.29
22	6982.66	7779.66	8676.88	9266.72	9538.60	9549.81	9496.75
23	6912.10	7745.33	8691.80	9311.87	9577.14	9569.57	9509.96
24	6842.68	7714.38	8697.88	9356.48	9614.31	9588.78	9519.88
25	6771.00	7690.74	8709.21	9393.37	9649.58	9603.60	9523.45
26	6699.60	7656.41	8723.85	9436.32	9684.29	9616.50	9531.44
27	6626.22	7620.40	8745.12	9477.35	9712.17	9633.52	9526.48
28	6556.22	7588.32	8769.70	9518.92	9735.68	9641.47	9533.09
29	6491.04	7552.58	8784.90	9564.35	9765.20	9646.97	9530.89
30	6422.74	7530.35	8802.58	9609.78	9799.09	9659.58	9535.84
31	6348.79	7500.52	8819.16	9662.09	9825.61	9672.49	9546.02
32	6275.98	7465.91	8833.24	9700.64	9852.39	9690.60	9552.36
33	6204.86	7433.54	8845.40	9740.84	9878.91	9704.60	9564.74
34	6127.25	7406.82	8860.60	9786.53	9910.62	9719.97	9569.16
35	6056.99	7373.89	8865.84	9827.57	9951.35	9739.73	9579.34

**IES ROAD REPORT**

**PHOTOMETRIC FILENAME : IES FILE - EYELITE MPL-L33-840-3 (120V).IES**

**CANDELA TABULATION - (Cont.)**

36	5974.57	7331.69	8881.59	9866.66	9990.71	9760.04	9586.22
37	5889.63	7298.76	8895.68	9909.61	10019.95	9767.17	9596.13
38	5799.04	7265.83	8907.84	9955.32	10058.49	9785.01	9593.10
39	5715.49	7227.85	8928.83	9997.17	10113.71	9809.16	9591.73
40	5617.85	7192.68	8942.36	10050.85	10163.18	9831.94	9583.46
41	5520.77	7156.94	8963.37	10100.69	10215.94	9851.42	9578.51
42	5424.81	7121.49	8981.60	10153.28	10256.12	9877.22	9579.61
43	5321.80	7087.72	8991.82	10192.65	10308.88	9892.59	9573.01
44	5212.86	7048.61	9010.05	10258.45	10370.66	9906.59	9561.17
45	5110.14	7015.96	9029.39	10316.55	10417.39	9923.33	9532.54
46	4999.23	6961.37	9064.20	10382.07	10450.47	9930.19	9486.84
47	4885.49	6918.04	9082.71	10453.38	10513.89	9915.92	9419.94
48	4756.24	6875.54	9111.17	10518.09	10571.02	9895.88	9350.30
49	4636.29	6826.02	9131.89	10594.63	10630.60	9856.09	9272.11
50	4518.04	6772.00	9154.81	10675.57	10698.67	9800.10	9137.22
51	4393.30	6723.87	9183.55	10762.58	10756.62	9719.15	8986.36
52	4281.26	6673.23	9214.49	10855.91	10840.53	9621.71	8776.04
53	4145.51	6608.22	9246.53	10935.21	10891.10	9483.95	8531.58
54	4021.90	6539.00	9281.34	11028.00	10944.67	9311.87	8213.34
55	3912.69	6462.18	9300.96	11135.10	10970.64	9076.94	7818.56
56	3799.80	6389.02	9323.33	11231.46	10986.50	8819.52	7401.78
57	3685.77	6301.51	9358.70	11335.27	10996.88	8491.56	6891.94
58	3569.78	6214.00	9388.26	11443.18	10993.33	8086.76	6295.93
59	3462.83	6111.84	9409.25	11551.94	10961.62	7593.30	5645.69
60	3361.79	5993.94	9423.07	11648.31	10896.84	7094.37	5009.76
61	3253.98	5872.11	9444.89	11762.29	10795.97	6476.04	4411.55
62	3151.82	5742.95	9475.29	11878.21	10642.91	5868.70	3804.26
63	3040.06	5607.31	9505.94	12007.06	10432.70	5213.05	3304.05
64	2931.97	5458.73	9524.73	12107.56	10183.68	4559.88	2925.81
65	2810.62	5318.32	9548.77	12229.26	9829.16	4010.17	2572.60
66	2682.78	5176.50	9589.10	12338.56	9408.48	3463.75	2303.92
67	2537.71	5030.45	9621.98	12456.67	8930.95	3014.76	2065.51
68	2404.79	4868.94	9670.60	12571.76	8400.94	2666.22	1871.71
69	2253.24	4687.44	9706.24	12648.85	7824.46	2360.76	1702.13
70	2085.32	4505.94	9702.92	12724.84	7197.41	2097.03	1549.34
71	1910.05	4287.01	9670.32	12770.54	6486.99	1880.22	1421.61
72	1745.53	4054.87	9576.12	12757.06	5786.68	1695.51	1300.20
73	1580.71	3757.44	9340.46	12657.66	5083.64	1531.12	1194.50
74	1401.22	3465.07	8942.09	12461.07	4409.58	1398.84	1088.78
75	1244.87	3146.53	8253.65	12057.45	3815.06	1272.87	1003.99
76	1117.02	2819.84	7276.50	11444.30	3259.35	1144.70	913.97
77	1003.01	2429.83	6016.74	10541.49	2784.55	1040.69	824.50
78	901.97	2099.47	4740.12	9397.23	2389.02	941.07	740.81
79	802.91	1803.17	3553.29	8016.45	2046.25	852.97	657.12
80	704.98	1532.74	2431.95	6568.51	1751.04	761.03	587.47
81	579.96	1272.73	1636.59	4986.19	1470.04	675.40	512.59
82	463.41	1091.53	1099.25	3673.43	1215.56	617.50	447.90
83	369.99	935.91	754.75	2690.23	982.39	549.71	383.21
84	281.37	798.59	529.04	2027.79	788.05	472.32	323.20
85	214.77	653.39	363.29	1471.63	615.84	394.38	268.69
86	176.66	420.97	239.79	1009.07	471.79	326.31	219.13
87	123.05	261.13	133.43	664.65	334.58	248.92	166.55
88	87.21	169.12	71.00	361.78	219.22	179.21	130.49
89	48.83	102.14	21.27	146.47	111.79	109.78	83.69
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-L33-840-3 (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



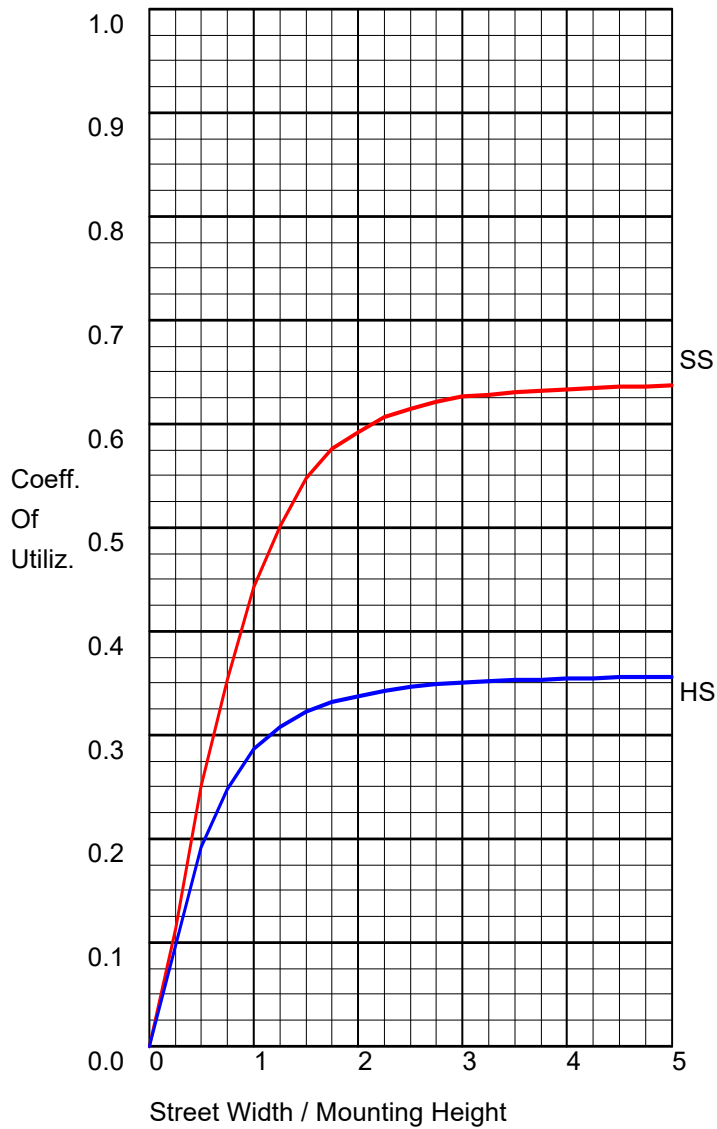
**IES ROAD REPORT**

**PHOTOMETRIC FILENAME : IES FILE - EYELITE MPL-L33-840-3 (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

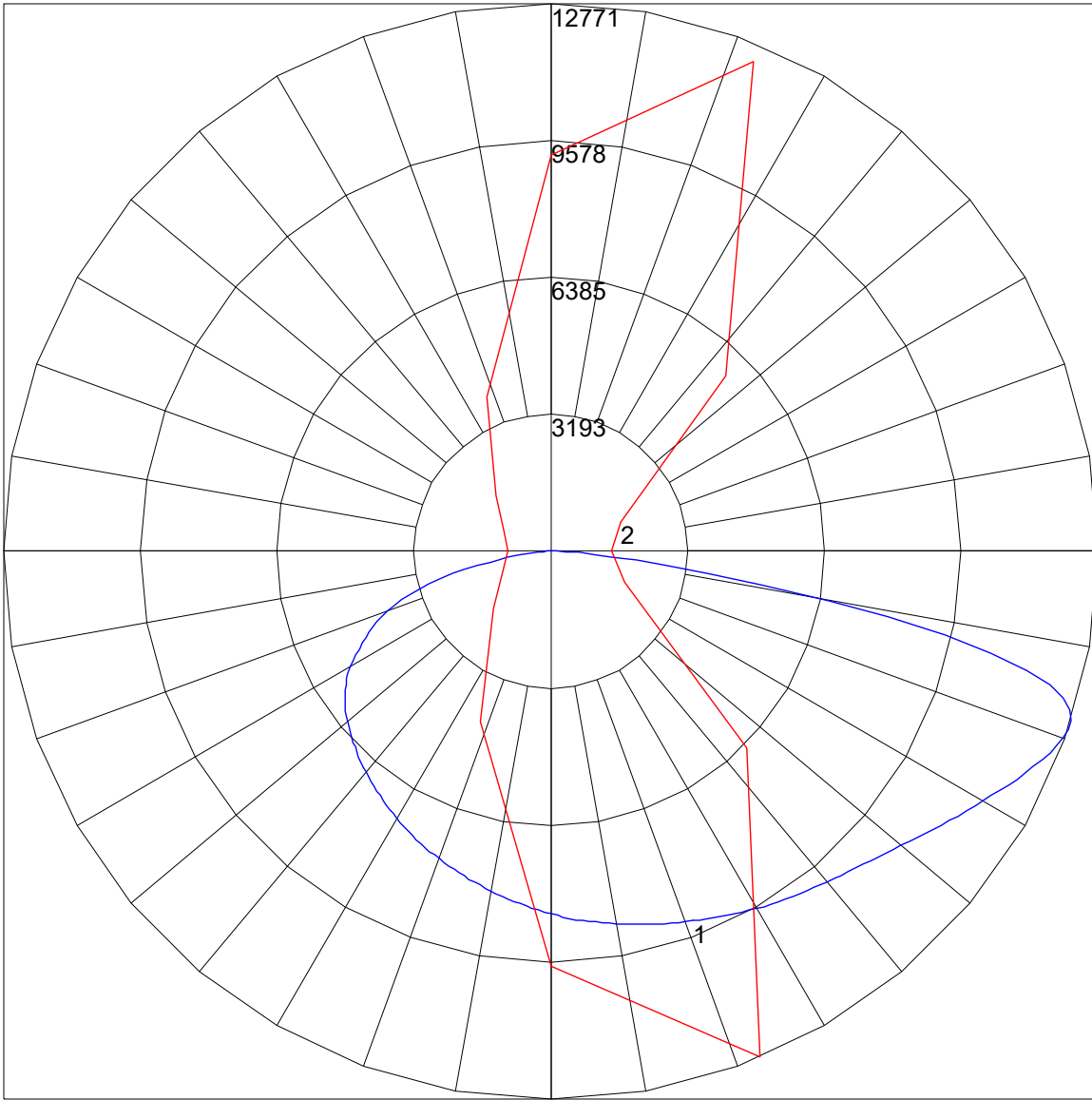
**COEFFICIENTS OF UTILIZATION**



**FLUX DISTRIBUTION**

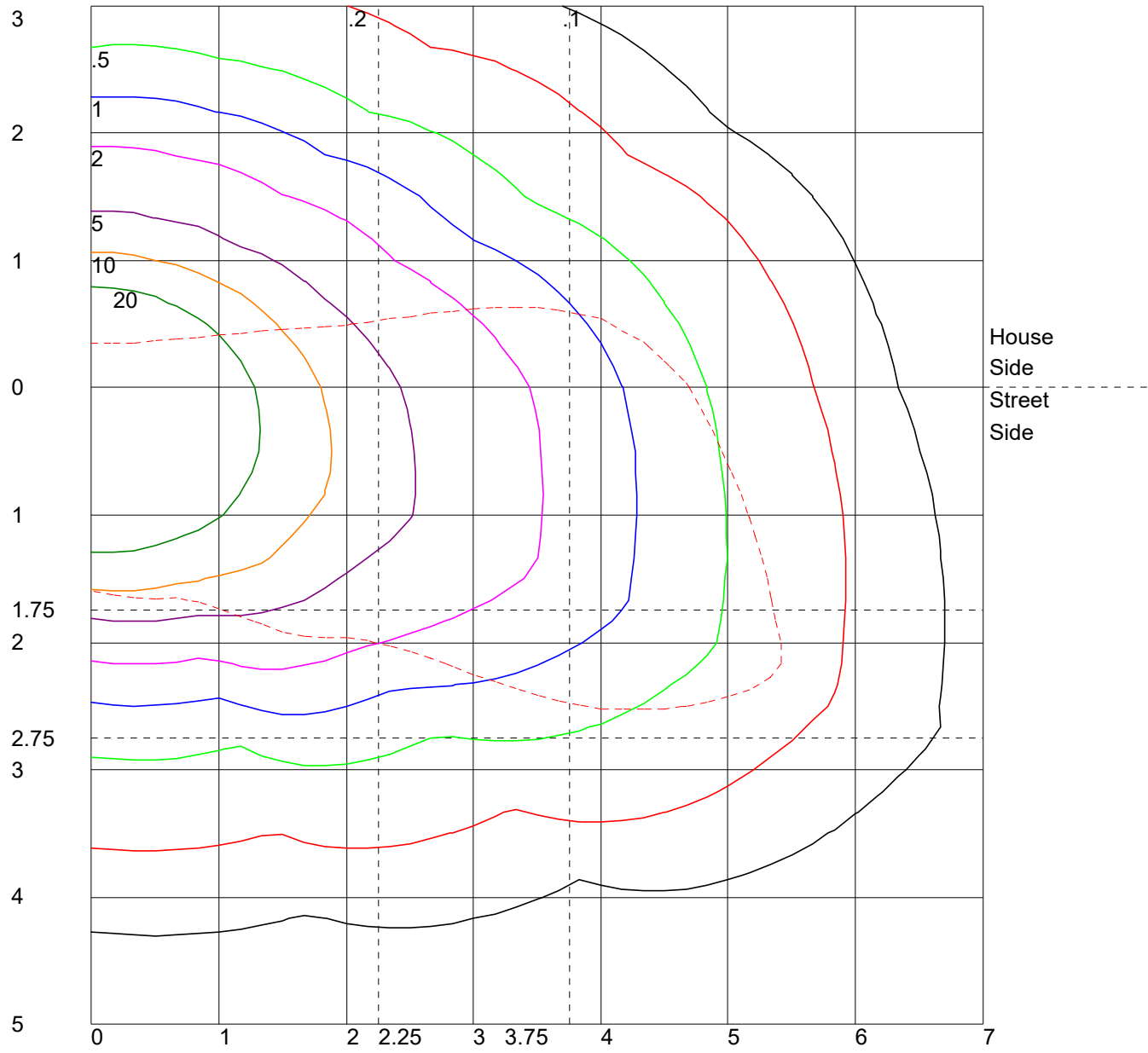
	Lumens	Percent Of Lamp
Downward Street Side	22100.9	64.2
Downward House Side	12322.7	35.8
Downward Total	34423.6	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
<b>Total Flux</b>	<b>34423.6</b>	<b>100.0</b>

POLAR GRAPH



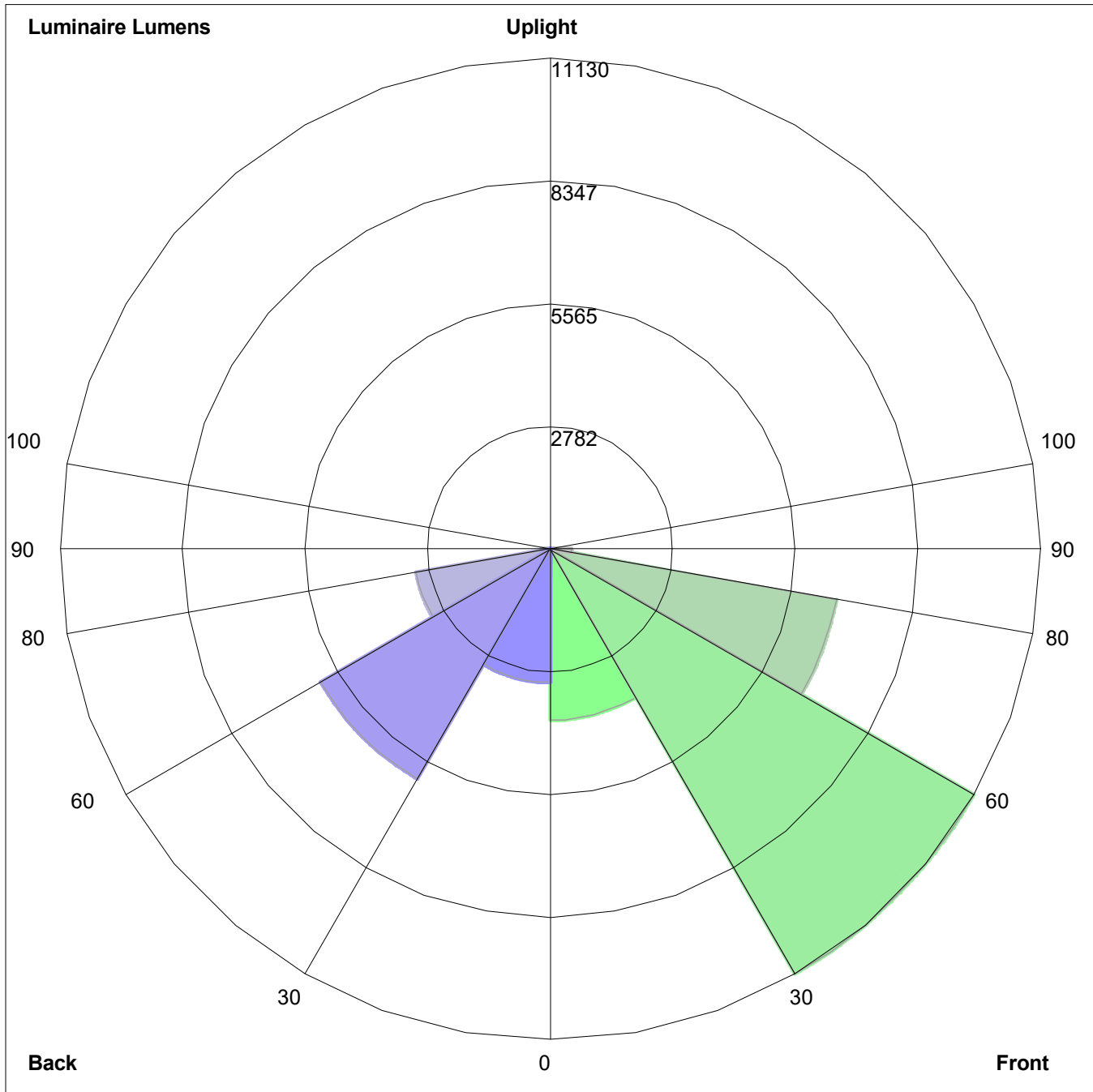
Maximum Candela = 12770.54 Located At Horizontal Angle = 292.5, Vertical Angle = 71  
# 1 - Vertical Plane Through Horizontal Angles (292.5 - 112.5) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (71) (Through Max. Cd.)

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=3878.3, Medium=11129.5, High=6595.5, Very High=497.6  
 Back: Low=3019.1, Medium=6014.8, High=3081.1, Very High=207.8  
 Uplight: Low=0.0, High=0.0

BUG Rating : B4-U0-G4