

EYELITE®

from EYE Lighting

IES ROAD REPORT

PHOTOMETRIC FILENAME : IES FILE - EYELITE MPL-L16-840-3 (277V).IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST]
[ISSUEDATE] 2018-3-28 13:37
[MANUFAC] ASHART LIGHT CO., LTD
[LUMCAT]
[LUMINAIRE] MPL-L16-840-3
[LAMPCAT]
[LAMP]
[VOLTAGE] 277.1 V
[CURRENT] 0.516 A
[POWERFACTOR] 0.925
[TESTLAB] Shenzhen Belling Test Laboratory
[TESTINST] GPM-3000
[TESTDIST] 17.398 m
[TESTTEMPERATURE] 22.1 °C
[TESTHUMIDITY]
[TESTOPERATOR]
[BALLAST]
[BALLASTCAT]

CHARACTERISTICS

IES Classification	Type III
Longitudinal Classification	Medium
Lumens Per Lamp	17141.6 (1 lamp)
Total Lamp Lumens	17141.6
Luminaire Lumens	17142
Downward Total Efficiency	100 %
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	125
Total Luminaire Watts	137.21
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	6462.92
Maximum Candela Angle	67.5H 73V
Maximum Candela (<90 Degrees Vertical)	6462.92
Maximum Candela Angle (<90 Degrees Vertical)	67.5H 73V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Lamp Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	3597.86 (21.0% Lamp Lumens)
Cutoff Classification (deprecated)	Non-Cutoff



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LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1925.0	11.2	11.2
FM - Front-Medium (30-60)	5507.5	32.1	32.1
FH - Front-High (60-80)	3374.2	19.7	19.7
FVH - Front-Very High (80-90)	241.0	1.4	1.4
BL - Back-Low (0-30)	1510.8	8.8	8.8
BM - Back-Medium (30-60)	2996.1	17.5	17.5
BH - Back-High (60-80)	1493.4	8.7	8.7
BVH - Back-Very High (80-90)	93.6	0.5	0.5
UL - Uplight-Low (90-100)	0.0	0.0	0.0
UH - Uplight-High (100-180)	0.0	0.0	0.0
Total	17141.6	99.9	100.0
BUG Rating	B3-U0-G3		

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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	4194.18	4194.18	4194.18	4194.18	4194.18	4194.18	4194.18	4194.18	4194.18	4194.18
1	4233.59	4231.83	4228.11	4210.76	4194.97	4179.74	4164.93	4154.12	4148.30	4154.98
2	4271.99	4272.38	4259.21	4229.12	4196.32	4166.62	4135.66	4113.71	4104.53	4115.32
3	4310.06	4305.35	4289.62	4246.14	4196.99	4152.28	4100.92	4071.52	4059.45	4069.66
4	4346.89	4343.89	4319.80	4262.15	4198.79	4137.16	4069.87	4028.43	4012.77	4027.11
5	4381.06	4377.86	4348.62	4278.49	4199.68	4121.26	4038.71	3985.33	3965.11	3983.22
6	4416.89	4409.50	4376.08	4294.39	4201.15	4103.15	4008.43	3936.87	3912.08	3939.44
7	4448.59	4440.46	4405.02	4310.73	4203.29	4086.36	3973.70	3892.10	3862.40	3889.65
8	4479.85	4470.09	4429.87	4327.64	4206.76	4070.24	3941.87	3845.77	3812.29	3843.76
9	4509.32	4497.60	4455.07	4344.78	4209.23	4053.24	3909.48	3799.55	3762.28	3797.31
10	4536.79	4524.67	4480.37	4362.13	4212.94	4036.56	3876.19	3752.43	3710.69	3749.52
11	4563.24	4548.28	4506.01	4379.03	4215.75	4017.78	3843.80	3705.87	3660.35	3703.52
12	4587.35	4574.01	4530.98	4396.17	4218.00	4002.32	3811.07	3655.83	3609.89	3658.19
13	4612.92	4595.73	4555.83	4412.52	4219.01	3987.21	3773.87	3608.50	3553.29	3607.96
14	4633.91	4619.01	4581.47	4432.22	4221.37	3971.08	3738.14	3559.59	3501.72	3565.18
15	4655.68	4636.73	4603.48	4450.48	4224.96	3954.19	3704.07	3511.46	3449.48	3513.05
16	4675.77	4655.55	4624.37	4470.73	4228.67	3936.85	3667.88	3464.00	3397.68	3464.82
17	4692.73	4672.71	4643.20	4489.65	4231.81	3918.50	3630.69	3412.86	3344.09	3418.04
18	4708.92	4689.08	4661.25	4509.36	4236.54	3901.60	3593.60	3366.18	3285.71	3372.14
19	4722.20	4701.56	4679.52	4526.95	4241.37	3885.49	3554.62	3317.83	3233.47	3320.57
20	4733.04	4712.47	4699.37	4542.39	4246.43	3872.70	3519.21	3267.69	3179.21	3272.45
21	4740.19	4721.94	4719.69	4558.52	4252.84	3859.70	3485.81	3220.01	3125.74	3226.01
22	4745.65	4730.52	4739.55	4576.66	4262.38	3842.13	3450.07	3171.55	3070.47	3177.78
23	4748.88	4738.98	4756.91	4594.79	4270.02	3822.35	3415.33	3118.27	3016.00	3130.76
24	4749.23	4747.00	4772.68	4612.37	4273.05	3806.01	3378.36	3069.59	2957.29	3083.99
25	4748.33	4754.35	4786.52	4625.36	4275.75	3790.55	3337.04	3019.67	2903.25	3030.97
26	4745.76	4761.48	4802.98	4642.83	4280.03	3773.43	3300.40	2968.97	2848.67	2980.84
27	4742.30	4767.83	4816.38	4660.52	4287.10	3757.88	3264.54	2917.03	2792.17	2929.71
28	4739.06	4775.52	4830.11	4674.07	4296.76	3739.31	3228.46	2858.73	2731.55	2877.48
29	4734.38	4784.31	4844.97	4687.83	4306.87	3723.19	3193.39	2804.11	2661.12	2825.24
30	4730.69	4791.55	4861.42	4703.51	4310.02	3704.07	3152.73	2748.71	2598.04	2766.64
31	4726.45	4797.13	4880.37	4715.49	4311.03	3683.84	3115.43	2693.31	2535.98	2711.96
32	4722.99	4800.47	4899.89	4729.26	4313.85	3667.72	3077.01	2635.33	2469.78	2656.26
33	4719.75	4802.92	4917.94	4746.05	4318.22	3651.49	3039.92	2569.97	2405.15	2600.90
34	4718.42	4804.70	4931.33	4764.87	4325.64	3635.71	2998.81	2506.50	2335.71	2540.86
35	4718.52	4808.49	4945.96	4782.78	4329.13	3618.47	2953.92	2444.83	2259.46	2470.24
36	4718.63	4814.84	4958.79	4804.50	4328.90	3598.35	2913.26	2382.04	2189.47	2406.52
37	4720.09	4819.63	4978.76	4824.43	4325.19	3574.12	2870.37	2317.91	2119.25	2343.82
38	4719.75	4824.64	5002.59	4840.33	4325.52	3550.11	2825.13	2244.38	2050.60	2279.10
39	4719.53	4834.66	5022.78	4852.65	4328.78	3528.54	2779.11	2180.36	1975.69	2212.82
40	4719.08	4847.03	5046.84	4869.78	4331.60	3505.87	2726.28	2115.90	1907.48	2140.75
41	4717.19	4858.27	5072.15	4885.45	4336.09	3486.30	2673.78	2049.19	1841.84	2074.92
42	4714.40	4871.09	5091.77	4899.34	4339.90	3464.74	2624.97	1984.61	1781.22	2010.88
43	4709.37	4880.00	5111.52	4913.89	4342.72	3441.06	2574.26	1915.45	1717.48	1947.27
44	4704.68	4888.24	5133.77	4933.59	4347.88	3418.60	2512.49	1850.98	1661.67	1879.22
45	4699.10	4895.37	5163.49	4958.23	4351.82	3393.48	2457.65	1790.54	1609.53	1819.19
46	4687.72	4900.49	5189.25	4990.48	4355.97	3369.80	2401.02	1732.45	1560.41	1761.70
47	4667.17	4899.38	5221.14	5020.60	4357.44	3343.57	2342.61	1677.72	1514.98	1706.57
48	4639.93	4893.03	5262.33	5044.44	4360.91	3320.56	2282.39	1623.55	1469.20	1655.22
49	4599.97	4883.67	5293.99	5079.83	4369.23	3288.88	2216.28	1577.21	1428.57	1603.20
50	4550.63	4868.19	5331.89	5111.17	4378.11	3260.64	2153.06	1532.33	1394.53	1558.09
51	4477.73	4846.14	5364.46	5143.75	4387.43	3229.18	2089.50	1487.56	1356.90	1514.54
52	4396.01	4806.60	5396.00	5182.16	4398.79	3195.16	2028.51	1438.09	1321.18	1473.55

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CANDELA TABULATION - (Cont.)

53	4281.70	4755.14	5438.56	5229.18	4412.15	3161.26	1967.08	1403.62	1283.79	1431.11
54	4152.43	4682.39	5478.84	5275.31	4425.98	3125.80	1901.40	1366.80	1252.08	1395.13
55	3982.64	4585.27	5510.05	5312.59	4440.47	3089.89	1842.43	1331.99	1219.49	1358.81
56	3772.98	4470.53	5532.74	5365.78	4452.15	3047.21	1785.91	1295.50	1187.90	1324.18
57	3562.56	4322.28	5557.94	5413.36	4460.70	3000.85	1731.62	1261.81	1155.29	1289.64
58	3289.17	4155.64	5585.96	5468.11	4474.17	2951.72	1674.32	1229.02	1119.02	1253.66
59	2997.25	3924.52	5595.27	5523.76	4487.44	2898.35	1623.28	1195.00	1083.41	1217.91
60	2678.20	3689.49	5583.24	5583.66	4500.69	2844.55	1576.15	1162.31	1047.80	1183.82
61	2350.89	3392.64	5559.41	5651.63	4519.79	2775.96	1529.12	1124.15	1007.05	1146.17
62	2056.06	3084.77	5502.11	5717.90	4539.23	2709.82	1478.41	1087.21	966.64	1103.07
63	1778.44	2740.24	5432.99	5787.32	4552.27	2642.02	1426.25	1046.37	921.64	1060.08
64	1561.31	2423.01	5323.83	5868.38	4569.34	2567.76	1379.23	1002.93	876.32	1012.74
65	1354.56	2084.84	5169.73	5951.35	4581.93	2492.95	1323.59	954.59	825.42	960.72
66	1199.61	1788.99	4978.07	6029.61	4600.92	2418.36	1267.19	898.41	773.18	907.26
67	1082.63	1540.16	4743.52	6104.29	4624.17	2347.10	1205.20	843.01	714.46	842.87
68	968.42	1359.82	4488.31	6189.61	4658.10	2260.73	1136.51	786.15	660.98	782.95
69	882.91	1186.27	4183.96	6275.60	4690.02	2185.80	1068.38	725.59	604.61	718.89
70	797.96	1059.07	3841.16	6342.89	4711.81	2091.31	994.76	659.45	547.45	657.40
71	728.41	944.23	3511.06	6413.09	4731.25	1986.26	919.15	596.88	494.88	586.67
72	666.78	850.00	3124.33	6453.28	4731.81	1878.77	844.20	539.35	448.43	527.98
73	609.07	766.57	2759.40	6462.92	4715.29	1744.16	767.13	483.62	405.56	473.73
74	556.49	699.40	2433.27	6401.56	4605.75	1618.43	683.02	430.45	348.29	427.28
75	510.61	626.89	2107.92	6227.56	4391.48	1476.81	606.84	386.91	296.84	384.85
76	464.28	567.74	1813.00	5921.24	4101.03	1331.52	543.17	349.08	258.43	349.08
77	414.72	515.06	1547.47	5512.45	3690.04	1158.44	472.36	309.35	226.84	308.43
78	370.18	467.16	1318.14	4994.95	3154.88	1006.59	417.19	271.75	200.38	273.23
79	328.53	421.71	1118.53	4343.32	2485.45	857.07	364.46	236.05	175.94	240.71
80	285.67	379.28	949.68	3597.86	1858.84	717.89	315.88	204.59	154.95	206.84
81	248.05	332.82	770.84	2719.84	1305.70	581.94	246.40	173.82	135.52	176.66
82	215.45	294.73	619.70	2022.64	884.14	483.89	184.97	147.29	118.00	150.15
83	183.07	255.64	493.50	1434.83	591.56	399.75	141.19	120.54	100.80	126.98
84	154.39	221.88	392.40	996.60	374.93	325.93	104.55	98.60	83.39	105.15
85	123.24	177.32	305.82	666.63	247.74	247.56	79.86	74.32	65.31	77.86
86	92.66	134.11	223.89	422.55	161.57	134.95	57.63	49.92	48.90	54.80
87	66.98	88.11	140.03	234.56	99.10	79.26	36.64	30.78	36.51	36.76
88	46.44	58.03	75.01	102.90	55.40	46.25	23.34	14.77	17.31	21.61
89	24.34	25.07	33.13	33.14	28.31	21.90	12.51	8.95	11.05	14.59
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-L16-840-3 (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	4194.18	4194.18	4194.18	4194.18	4194.18	4194.18	4194.18
1	4162.07	4177.06	4192.95	4210.42	4222.79	4236.38	4233.59
2	4130.41	4159.37	4191.48	4225.31	4251.26	4273.54	4271.99
3	4097.96	4140.89	4190.81	4240.76	4280.30	4309.69	4310.06
4	4064.93	4120.17	4189.46	4256.66	4307.89	4345.28	4346.89
5	4032.14	4102.15	4188.79	4271.56	4334.48	4377.96	4381.06
6	3996.17	4084.57	4188.56	4285.90	4362.07	4407.74	4416.89
7	3962.80	4067.33	4188.34	4302.57	4386.19	4438.62	4448.59
8	3928.88	4050.20	4189.13	4318.80	4411.21	4466.27	4479.85
9	3895.18	4030.60	4190.93	4333.26	4435.00	4492.35	4509.32
10	3861.48	4011.57	4193.84	4347.48	4457.79	4516.41	4536.79
11	3828.00	3993.32	4198.68	4361.38	4479.58	4538.46	4563.24
12	3791.46	3975.40	4203.62	4375.49	4500.46	4559.61	4587.35
13	3757.53	3959.39	4208.68	4390.61	4522.68	4580.66	4612.92
14	3722.46	3942.82	4214.06	4403.95	4545.81	4599.46	4633.91
15	3687.51	3925.58	4217.67	4417.96	4564.24	4618.82	4655.68
16	3651.77	3908.56	4222.16	4431.85	4586.13	4636.95	4675.77
17	3615.00	3891.66	4224.06	4446.64	4602.89	4651.05	4692.73
18	3583.00	3875.87	4227.22	4460.54	4619.86	4665.04	4708.92
19	3552.02	3857.51	4229.79	4474.55	4635.39	4676.02	4722.20
20	3520.70	3841.50	4230.48	4488.10	4649.01	4685.52	4733.04
21	3491.65	3823.47	4229.01	4505.00	4660.41	4693.92	4740.19
22	3459.54	3805.22	4229.58	4521.79	4674.03	4700.19	4745.65
23	3422.66	3788.76	4229.79	4533.79	4686.77	4705.45	4748.88
24	3390.43	3772.30	4226.20	4550.24	4698.27	4711.27	4749.23
25	3357.64	3753.61	4227.22	4565.03	4708.21	4717.64	4748.33
26	3322.91	3736.47	4229.91	4580.60	4721.17	4722.12	4745.76
27	3290.69	3719.79	4233.05	4597.27	4734.91	4726.49	4742.30
28	3253.92	3701.65	4237.21	4615.05	4747.31	4730.30	4739.06
29	3219.31	3678.03	4241.03	4634.17	4764.06	4734.21	4734.38
30	3183.45	3657.88	4241.60	4651.29	4779.47	4737.24	4730.69
31	3146.12	3636.04	4239.68	4669.19	4791.54	4740.70	4726.45
32	3107.54	3618.57	4235.52	4682.41	4805.17	4743.39	4722.99
33	3068.39	3601.67	4238.11	4691.75	4818.12	4746.30	4719.75
34	3029.69	3578.50	4237.77	4700.09	4830.64	4748.09	4718.42
35	2988.17	3555.09	4235.52	4713.99	4837.67	4751.33	4718.52

IES ROAD REPORT**PHOTOMETRIC FILENAME : IES FILE - EYELITE MPL-L16-840-3 (277V).IES****CANDELA TABULATION - (Cont.)**

36	2945.15	3528.78	4234.85	4729.44	4844.93	4754.58	4718.63
37	2901.13	3508.51	4243.17	4744.89	4853.20	4758.61	4720.09
38	2847.90	3488.25	4247.78	4755.68	4863.81	4763.99	4719.75
39	2801.16	3464.96	4247.33	4770.68	4876.88	4767.90	4719.53
40	2754.17	3439.21	4241.48	4787.35	4889.61	4774.27	4719.08
41	2705.37	3415.02	4241.70	4808.14	4905.92	4783.79	4717.19
42	2653.86	3392.30	4246.88	4819.82	4922.00	4793.64	4714.40
43	2595.53	3367.22	4251.25	4835.60	4938.98	4801.25	4709.37
44	2537.54	3341.69	4254.74	4858.39	4956.29	4806.96	4704.68
45	2481.04	3312.69	4256.43	4882.63	4975.62	4810.54	4699.10
46	2422.48	3284.92	4256.65	4903.74	4999.85	4813.00	4687.72
47	2361.43	3256.37	4265.08	4926.98	5022.64	4810.88	4667.17
48	2296.07	3230.62	4268.79	4948.65	5047.77	4806.18	4639.93
49	2241.26	3198.37	4268.56	4973.56	5070.55	4798.23	4599.97
50	2180.10	3160.19	4276.09	5001.35	5096.80	4784.02	4550.63
51	2116.66	3127.50	4290.25	5027.92	5119.14	4757.38	4477.73
52	2050.84	3092.45	4302.04	5064.37	5147.18	4713.17	4396.01
53	1989.34	3057.07	4315.08	5099.50	5181.36	4652.63	4281.70
54	1930.34	3016.88	4320.58	5143.19	5208.05	4579.09	4152.43
55	1874.28	2975.46	4323.05	5184.99	5230.62	4494.58	3982.64
56	1817.54	2935.15	4322.95	5234.56	5253.29	4375.05	3772.98
57	1764.78	2888.35	4333.96	5279.80	5268.04	4230.78	3562.56
58	1716.77	2840.75	4336.54	5319.94	5281.10	4052.16	3289.17
59	1665.60	2785.11	4340.25	5359.96	5289.59	3845.44	2997.25
60	1617.26	2717.15	4348.12	5423.32	5278.86	3621.81	2678.20
61	1563.81	2652.09	4355.08	5495.02	5247.37	3343.80	2350.89
62	1516.83	2577.64	4371.15	5565.27	5200.23	3057.95	2056.06
63	1462.59	2516.84	4377.88	5622.97	5127.86	2742.32	1778.44
64	1412.66	2443.06	4369.79	5690.67	5038.16	2413.72	1561.31
65	1352.07	2375.10	4381.14	5777.82	4900.67	2097.32	1354.56
66	1284.66	2310.49	4395.75	5855.97	4755.46	1806.76	1199.61
67	1219.41	2239.06	4400.69	5922.77	4566.47	1582.24	1082.63
68	1152.58	2159.57	4411.93	6009.82	4327.88	1374.07	968.42
69	1079.72	2082.20	4419.68	6081.85	4084.50	1225.21	882.91
70	999.95	2002.04	4419.12	6152.33	3775.44	1084.30	797.96
71	919.83	1907.88	4402.16	6202.58	3443.26	963.21	728.41
72	839.95	1794.79	4356.54	6236.37	3094.09	866.05	666.78
73	759.38	1677.45	4253.28	6240.26	2779.00	788.38	609.07
74	674.38	1553.95	4032.05	6191.23	2432.18	713.61	556.49
75	600.17	1413.78	3659.81	6019.60	2113.63	640.98	510.61
76	533.90	1244.94	3263.08	5684.77	1812.49	582.55	464.28
77	474.56	1064.78	2766.23	5224.45	1545.98	526.59	414.72
78	423.38	926.05	2214.33	4664.75	1314.89	473.43	370.18
79	372.88	798.42	1621.87	4033.67	1109.03	428.22	328.53
80	326.70	670.22	1151.21	3216.40	930.31	385.24	285.67
81	265.08	558.14	790.32	2466.82	779.41	342.59	248.05
82	207.09	470.81	524.14	1764.05	630.08	298.16	215.45
83	158.08	401.83	355.38	1230.58	505.09	262.35	183.07
84	121.87	334.78	239.21	881.97	398.98	226.42	154.39
85	93.51	269.94	153.48	601.06	317.66	182.77	123.24
86	70.01	163.36	95.84	401.19	222.27	137.88	92.66
87	46.87	101.22	52.36	230.33	142.86	89.09	66.98
88	32.91	62.48	26.85	101.60	68.80	56.08	46.44
89	22.81	35.05	16.07	28.79	30.15	26.75	24.34
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-L16-840-3 (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

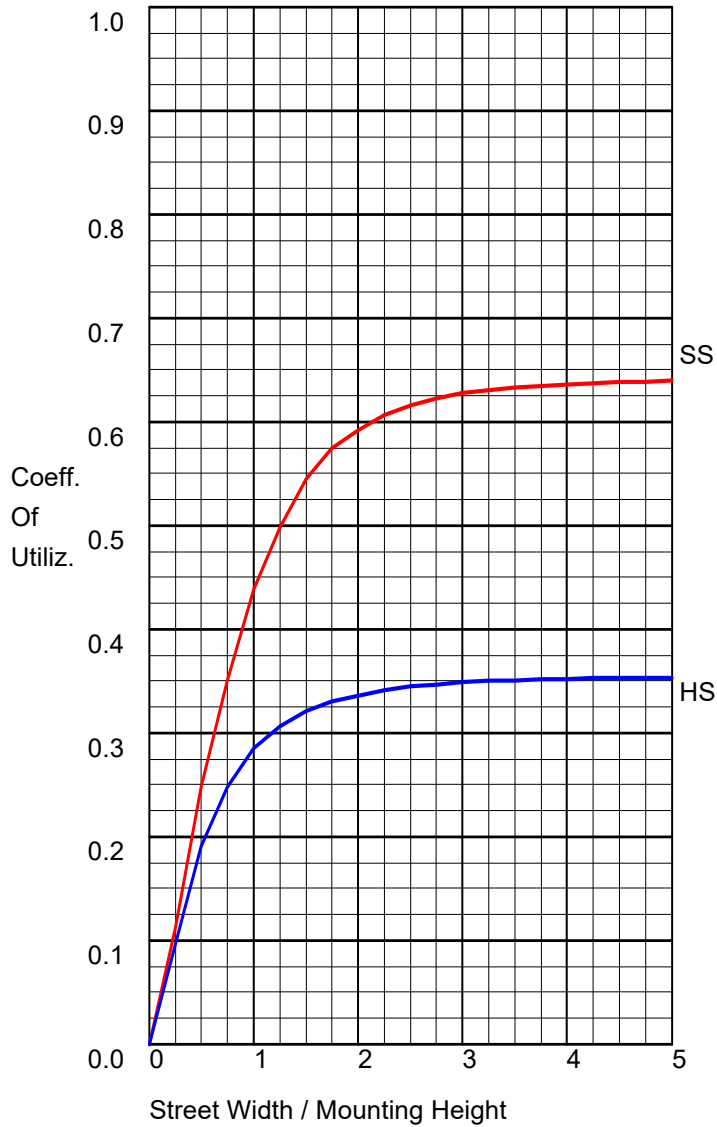
IES ROAD REPORT

PHOTOMETRIC FILENAME : IES FILE - EYELITE MPL-L16-840-3 (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

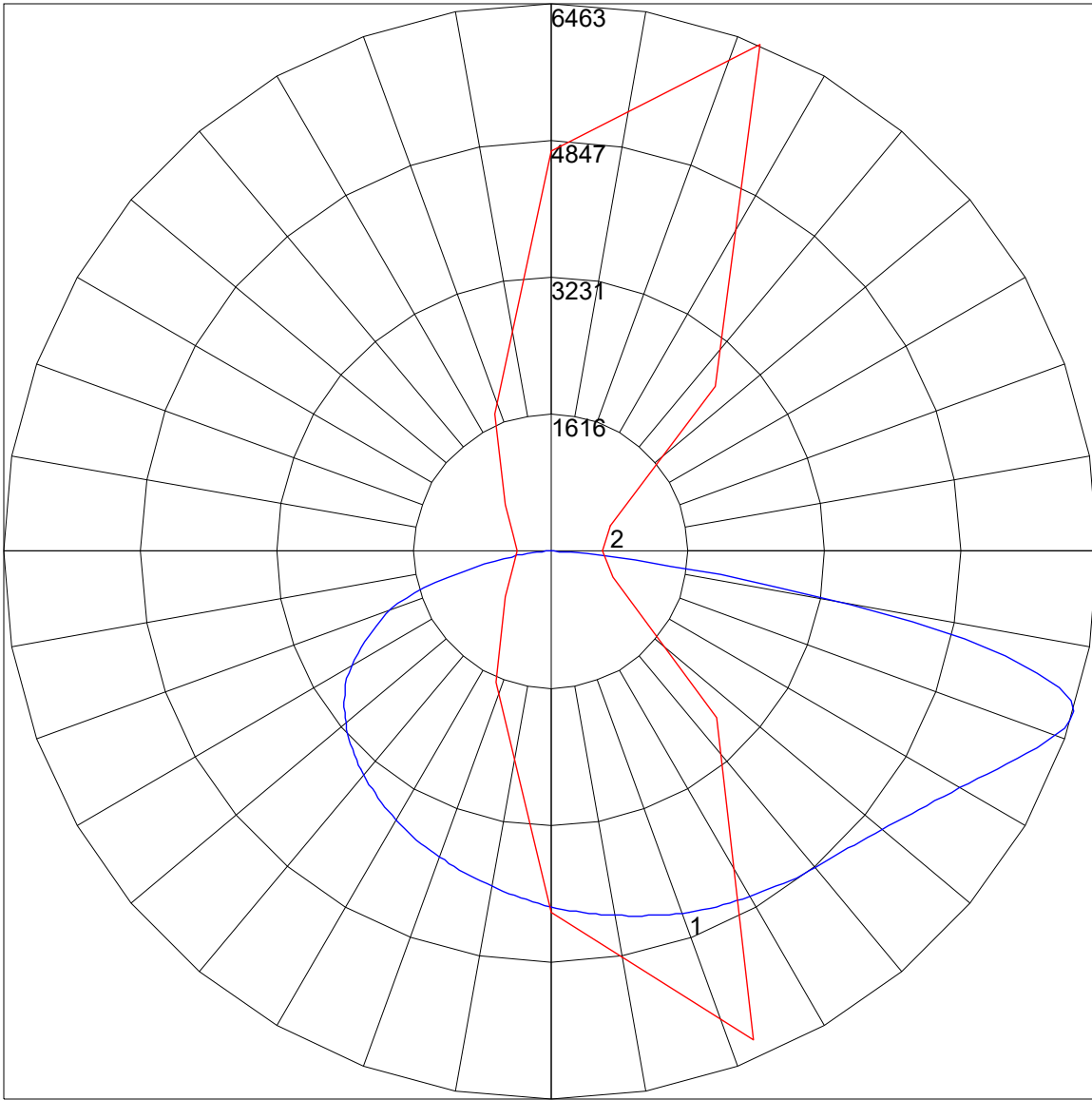
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

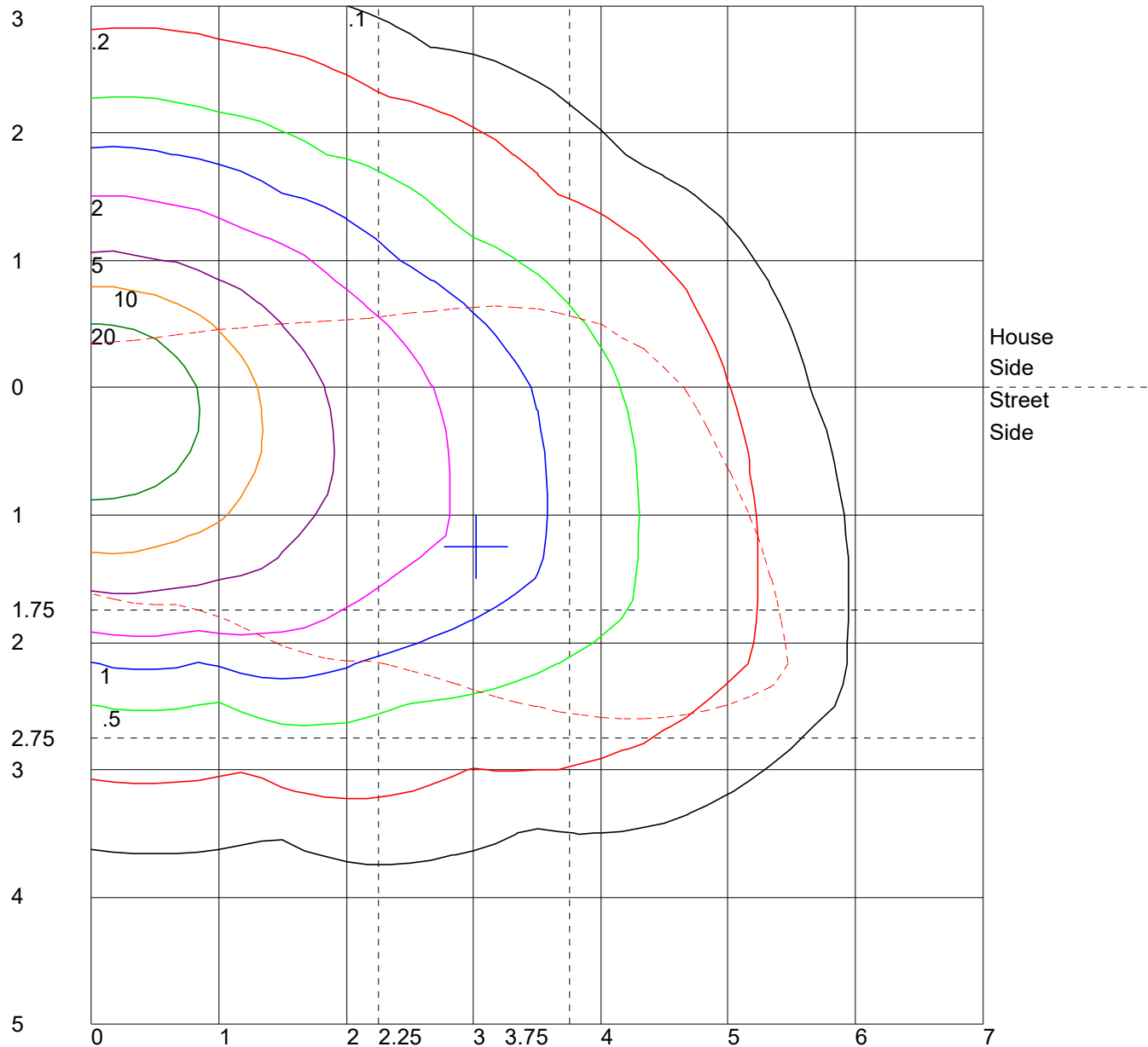
	Lumens	Percent Of Lamp
Downward Street Side	11047.7	64.4
Downward House Side	6093.9	35.6
Downward Total	17141.6	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	17141.6	100.0

POLAR GRAPH



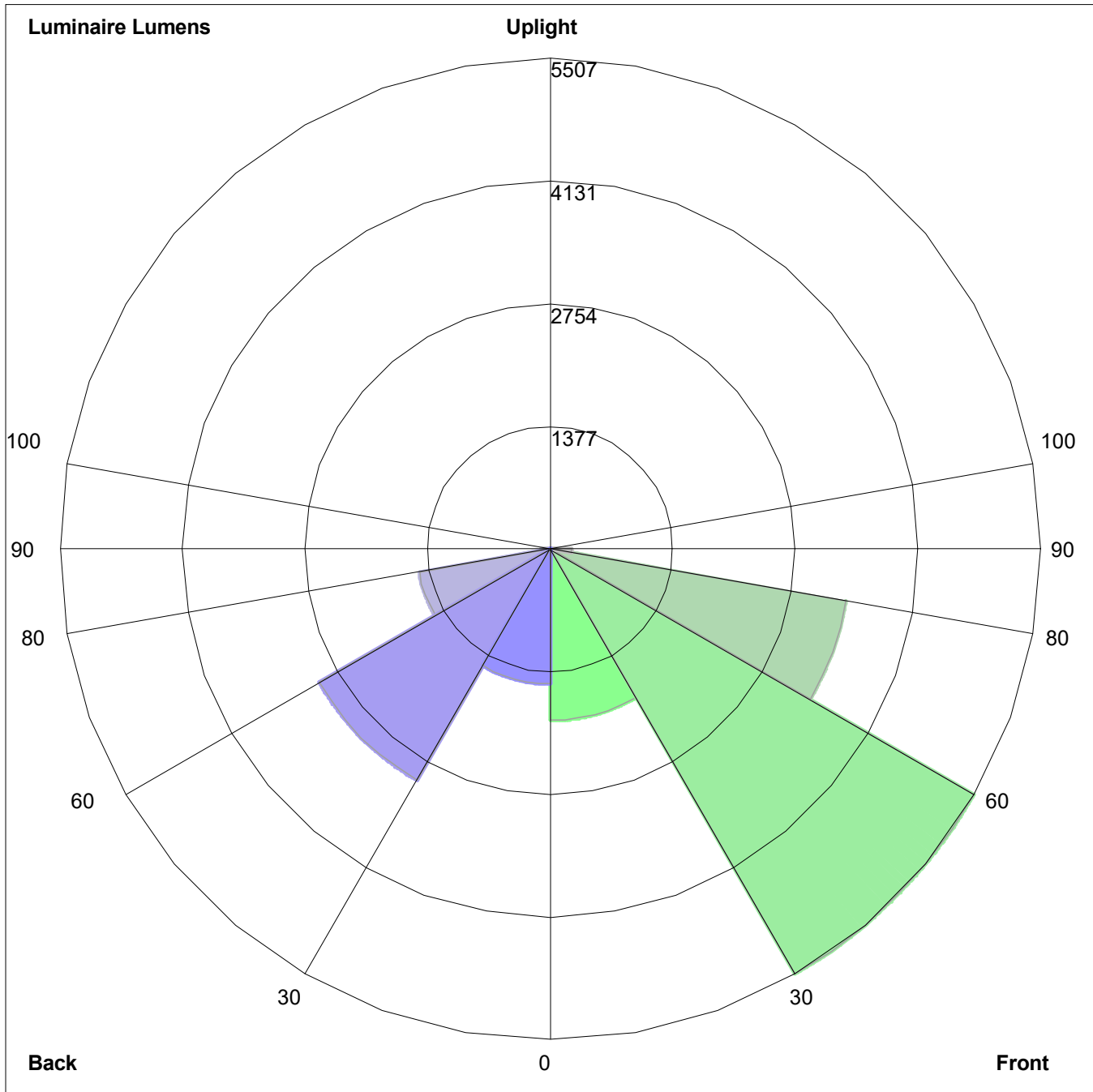
Maximum Candela = 6462.92 Located At Horizontal Angle = 67.5, Vertical Angle = 73
1 - Vertical Plane Through Horizontal Angles (67.5 - 247.5) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (73) (Through Max. Cd.)

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= 1925.0, Medium=5507.5, High=3374.2, Very High=241.0
 Back: Low=1510.8, Medium=2996.1, High=1493.4, Very High=93.6
 Uplight: Low=0.0, High=0.0

BUG Rating : B3-U0-G3