

EYELITE[®]

from EYE Lighting

IES ROAD REPORT

PHOTOMETRIC FILENAME : IES FILE - EYELITE MPL-L16-840-5 (277V).IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST]
[ISSUE DATE] 2017-12-26 12:01
[MANUFAC] AST
[LUMCAT]
[LUMINAIRE] MPL-L16-840-5
[LAMPCAT]
[LAMP]
[VOLTAGE]
[CURRENT]
[POWERFACTOR]
[TESTLAB]
[TESTINST] GPM-3000
[TESTDIST] 17.398 m

CHARACTERISTICS

IES Classification	Type VS
Longitudinal Classification	Medium
Lumens Per Lamp	16270.2 (1 lamp)
Total Lamp Lumens	16270.2
Luminaire Lumens	16267
Downward Total Efficiency	100 %
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	119
Total Luminaire Watts	136.58
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	4478.64
Maximum Candela Angle	45H 78V
Maximum Candela (<90 Degrees Vertical)	4478.64
Maximum Candela Angle (<90 Degrees Vertical)	45H 78V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Lamp Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	4415.92 (27.1% Lamp Lumens)
Cutoff Classification (deprecated)	Non-Cutoff



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LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	816.7	5.0	5.0
FM - Front-Medium (30-60)	3233.3	19.9	19.9
FH - Front-High (60-80)	3659.0	22.5	22.5
FVH - Front-Very High (80-90)	531.2	3.3	3.3
BL - Back-Low (0-30)	790.4	4.9	4.9
BM - Back-Medium (30-60)	3047.6	18.7	18.7
BH - Back-High (60-80)	3565.2	21.9	21.9
BVH - Back-Very High (80-90)	623.5	3.8	3.8
UL - Uplight-Low (90-100)	0.0	0.0	0.0
UH - Uplight-High (100-180)	0.0	0.0	0.0
Total	16266.9	100.0	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	1696.28	1696.28	1696.28	1696.28	1696.28	1696.28	1696.28	1696.28	1696.28	1696.28
1	1699.18	1693.49	1690.38	1675.56	1671.05	1670.83	1646.99	1680.60	1694.56	1687.69
2	1702.51	1698.00	1694.35	1679.10	1674.91	1673.19	1648.28	1679.53	1694.14	1686.08
3	1706.81	1703.05	1700.69	1684.68	1679.21	1676.31	1650.43	1680.17	1694.03	1685.44
4	1712.28	1709.28	1706.92	1690.48	1684.79	1680.82	1653.33	1681.36	1695.53	1685.01
5	1718.84	1716.69	1714.11	1697.14	1691.02	1686.51	1657.62	1684.26	1698.11	1687.15
6	1725.71	1724.53	1722.17	1705.20	1699.08	1693.28	1662.88	1687.69	1700.15	1688.87
7	1734.09	1733.55	1732.37	1715.18	1707.77	1700.47	1669.22	1692.42	1704.55	1692.85
8	1743.75	1742.36	1743.11	1725.28	1718.41	1709.49	1676.63	1698.11	1709.71	1697.79
9	1754.28	1752.56	1754.92	1736.99	1729.47	1718.94	1684.68	1705.20	1715.61	1703.69
10	1764.26	1764.48	1767.49	1748.91	1741.82	1731.51	1694.67	1712.28	1722.38	1710.46
11	1778.44	1777.04	1781.77	1762.12	1754.92	1743.43	1705.09	1720.55	1730.00	1717.98
12	1792.08	1791.97	1795.94	1778.76	1768.77	1756.64	1718.08	1729.90	1738.81	1725.92
13	1805.82	1807.65	1812.81	1794.23	1785.63	1770.92	1730.11	1739.99	1749.87	1735.80
14	1822.58	1824.73	1828.48	1811.30	1802.50	1785.63	1743.97	1752.24	1760.07	1745.79
15	1839.65	1842.45	1845.67	1829.02	1820.11	1803.25	1758.25	1764.69	1772.96	1756.53
16	1859.74	1861.35	1864.35	1847.60	1839.33	1821.40	1773.82	1778.76	1785.85	1768.77
17	1878.53	1882.72	1883.47	1867.79	1859.41	1840.51	1791.33	1794.12	1800.45	1781.55
18	1898.18	1903.66	1904.30	1889.05	1880.89	1861.56	1808.83	1810.87	1815.06	1796.05
19	1920.41	1926.00	1928.79	1914.83	1904.73	1884.44	1828.06	1829.88	1833.10	1810.55
20	1944.15	1949.41	1952.95	1938.78	1931.15	1907.10	1848.03	1849.00	1851.14	1829.34
21	1967.56	1974.86	1979.05	1963.59	1956.71	1933.84	1871.44	1868.54	1869.72	1847.39
22	1992.58	2000.64	2003.00	1991.08	1984.10	1959.18	1895.93	1890.13	1890.67	1866.18
23	2018.25	2028.02	2031.89	2019.00	2012.02	1986.14	1920.52	1911.39	1912.79	1887.55
24	2046.49	2059.60	2065.50	2047.46	2041.23	2013.09	1946.19	1933.73	1934.59	1910.86
25	2074.74	2088.38	2097.29	2078.39	2073.34	2043.38	1975.08	1958.86	1960.26	1932.98
26	2101.05	2118.77	2129.62	2113.83	2105.45	2074.63	2002.25	1980.98	1985.82	1956.61
27	2133.38	2152.17	2162.59	2147.77	2141.00	2107.71	2032.21	2007.72	2009.66	1980.12
28	2166.24	2187.29	2196.85	2184.71	2178.70	2143.26	2063.35	2035.86	2035.43	2005.36
29	2200.82	2224.45	2232.71	2222.94	2214.14	2176.55	2095.68	2064.64	2063.25	2035.22
30	2234.33	2263.54	2270.09	2262.03	2252.80	2215.96	2127.68	2091.28	2092.89	2062.28
31	2271.81	2299.73	2304.24	2301.45	2294.04	2250.97	2158.51	2121.67	2120.38	2089.34
32	2305.74	2336.13	2342.36	2340.43	2332.81	2291.67	2189.86	2151.63	2150.88	2117.91
33	2342.58	2374.15	2378.77	2380.06	2373.40	2329.58	2224.34	2180.74	2180.09	2147.34
34	2379.63	2415.50	2415.61	2416.68	2411.53	2366.74	2258.70	2213.38	2208.87	2180.84
35	2416.47	2453.09	2453.95	2458.67	2454.05	2402.40	2295.65	2247.00	2239.91	2212.42
36	2453.19	2493.47	2493.36	2499.16	2492.61	2439.66	2329.15	2277.39	2276.10	2242.70
37	2491.96	2533.31	2531.70	2534.60	2534.92	2476.82	2367.06	2306.82	2311.54	2272.88
38	2530.73	2573.80	2570.36	2571.33	2577.56	2516.56	2405.62	2337.10	2346.77	2307.25
39	2571.11	2613.43	2610.10	2611.28	2618.79	2549.42	2439.13	2375.01	2381.13	2335.92
40	2612.14	2658.10	2647.36	2650.69	2664.33	2589.37	2475.32	2406.37	2414.21	2373.94
41	2654.13	2701.92	2685.38	2693.22	2704.71	2624.27	2508.72	2439.13	2448.79	2408.41
42	2693.65	2746.92	2721.14	2729.73	2747.24	2660.89	2540.08	2474.89	2480.90	2443.42
43	2736.18	2790.73	2753.79	2766.68	2790.30	2696.55	2569.72	2511.62	2515.37	2480.79
44	2782.25	2832.51	2790.52	2804.48	2833.37	2729.84	2598.39	2544.37	2556.08	2515.27
45	2829.07	2873.21	2826.17	2845.83	2874.61	2770.33	2628.14	2579.60	2593.13	2552.75
46	2873.64	2921.64	2857.42	2886.10	2919.28	2808.99	2658.21	2616.22	2630.82	2590.12
47	2916.49	2968.79	2893.40	2929.48	2959.02	2849.37	2690.86	2653.05	2666.05	2628.03
48	2958.48	3013.57	2923.69	2972.76	3000.26	2886.63	2722.11	2687.53	2699.34	2669.70
49	3004.45	3055.35	2958.48	3015.40	3040.53	2919.50	2751.64	2728.01	2737.46	2702.88
50	3044.40	3101.21	2990.48	3054.92	3078.55	2959.23	2784.83	2765.06	2777.42	2736.07
51	3087.35	3145.02	3027.43	3097.02	3118.39	2998.11	2819.30	2798.79	2818.44	2769.90
52	3128.27	3183.04	3065.45	3140.84	3160.38	3037.74	2851.41	2834.44	2860.00	2804.16

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53	3175.85	3225.35	3100.13	3183.15	3199.26	3073.39	2882.98	2872.24	2897.80	2839.06
54	3220.41	3263.37	3133.43	3228.58	3242.54	3117.53	2914.99	2908.11	2942.59	2869.24
55	3265.63	3306.76	3170.48	3273.36	3287.00	3164.03	2948.49	2942.59	2987.58	2905.11
56	3305.15	3349.29	3210.32	3319.22	3331.24	3205.16	2988.23	2982.11	3027.32	2941.83
57	3351.97	3386.77	3251.24	3367.11	3377.75	3251.24	3024.10	3013.04	3071.24	2973.52
58	3406.53	3426.29	3299.24	3420.49	3424.25	3297.74	3061.90	3047.51	3115.38	3014.65
59	3451.63	3468.82	3336.94	3470.96	3468.82	3344.24	3106.36	3083.49	3155.76	3051.59
60	3496.63	3508.87	3385.80	3525.09	3512.52	3397.51	3152.54	3117.85	3202.26	3090.47
61	3539.48	3546.25	3432.62	3585.12	3554.19	3454.96	3195.28	3155.12	3251.34	3135.90
62	3586.95	3588.77	3480.84	3644.08	3590.49	3509.95	3239.10	3197.43	3301.28	3180.25
63	3624.32	3629.91	3533.47	3711.85	3627.54	3568.80	3292.26	3239.32	3353.37	3227.61
64	3673.29	3671.25	3587.16	3775.10	3665.56	3631.41	3349.39	3279.80	3408.57	3274.76
65	3714.32	3717.11	3640.97	3843.08	3710.13	3700.79	3400.30	3329.85	3471.39	3323.19
66	3748.04	3757.92	3697.35	3912.46	3746.32	3768.12	3459.69	3373.66	3531.75	3374.20
67	3787.88	3800.66	3758.67	3982.37	3777.79	3837.82	3518.32	3421.99	3587.06	3432.84
68	3820.74	3845.98	3815.70	4049.17	3797.12	3908.06	3594.57	3474.83	3653.53	3486.32
69	3839.75	3885.18	3876.16	4124.24	3805.07	3981.08	3658.90	3530.67	3711.85	3547.86
70	3835.78	3933.62	3944.46	4188.14	3797.55	4058.30	3736.76	3590.06	3745.89	3615.52
71	3789.82	3967.12	4018.67	4240.33	3765.44	4123.38	3816.66	3654.39	3759.10	3684.35
72	3697.46	3992.36	4093.63	4265.14	3663.74	4165.48	3903.76	3708.63	3734.08	3750.72
73	3540.13	3999.56	4183.74	4262.46	3510.27	4183.95	3990.75	3757.70	3643.97	3803.99
74	3287.21	3974.21	4267.50	4212.84	3292.15	4169.77	4074.41	3791.53	3475.90	3842.98
75	2892.11	3901.08	4343.75	4086.54	2961.06	4101.04	4174.61	3794.54	3202.59	3848.13
76	2483.16	3756.31	4419.57	3883.89	2624.92	3949.83	4263.85	3744.39	2846.25	3803.67
77	2015.89	3513.81	4465.75	3623.25	2229.71	3734.51	4343.22	3621.96	2394.77	3667.49
78	1611.55	3225.57	4478.64	3326.84	1905.70	3454.85	4412.59	3404.92	1971.86	3441.11
79	1288.08	2824.35	4443.95	2939.69	1552.27	3109.48	4444.59	3129.13	1592.43	3115.92
80	1008.53	2409.05	4311.00	2558.55	1263.16	2754.97	4415.92	2737.14	1235.99	2745.20
81	758.63	1930.83	3994.08	2133.59	982.76	2332.59	4197.05	2304.99	964.72	2329.37
82	569.08	1517.26	3493.84	1738.92	754.33	1925.46	3772.10	1916.55	743.49	1915.90
83	430.43	1187.67	2737.57	1402.56	576.06	1569.67	3196.36	1504.16	557.91	1507.91
84	312.95	928.10	2061.42	1103.04	427.00	1278.84	2522.36	1197.65	406.27	1181.76
85	220.59	696.45	1412.12	851.63	302.53	986.20	1909.89	919.40	281.69	920.79
86	154.00	494.98	910.05	593.78	200.93	683.78	1294.63	706.33	195.35	686.03
87	98.05	329.27	445.15	353.00	117.81	435.27	694.94	482.31	125.76	449.87
88	56.38	169.57	161.31	194.92	66.05	239.27	290.50	289.32	71.63	263.22
89	29.75	46.72	47.36	56.49	29.96	59.50	86.24	125.22	34.26	93.54
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-L16-840-5 (277V).IES

CANDELA TABULATION - (Cont.)

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

Vert. Horizontal Angles

	<u>225.0</u>	<u>247.5</u>	<u>270.0</u>	<u>292.5</u>	<u>315.0</u>	<u>337.5</u>	<u>360.0</u>
0	1696.28	1696.28	1696.28	1696.28	1696.28	1696.28	1696.28
1	1683.72	1669.43	1666.32	1669.22	1648.06	1683.83	1699.18
2	1682.43	1668.15	1665.35	1669.65	1649.89	1686.73	1702.51
3	1680.93	1667.93	1666.21	1672.33	1652.47	1690.48	1706.81
4	1681.14	1668.58	1667.29	1674.70	1656.55	1695.75	1712.28
5	1682.21	1670.19	1670.08	1678.99	1661.06	1701.44	1718.84
6	1684.47	1672.98	1673.95	1683.18	1666.96	1708.20	1725.71
7	1688.01	1677.17	1678.13	1690.05	1673.62	1715.29	1734.09
8	1691.77	1681.68	1683.83	1696.61	1681.03	1723.99	1743.75
9	1697.25	1687.58	1690.48	1704.45	1689.73	1734.30	1754.28
10	1704.02	1694.99	1698.11	1713.25	1699.72	1744.83	1764.26
11	1711.32	1702.08	1707.99	1723.56	1710.89	1756.53	1778.44
12	1720.34	1711.96	1717.65	1734.41	1723.02	1770.06	1792.08
13	1729.79	1721.09	1728.07	1746.87	1737.52	1784.99	1805.82
14	1740.42	1732.05	1739.67	1759.54	1751.91	1801.21	1822.58
15	1751.70	1742.89	1751.38	1772.96	1766.20	1819.57	1839.65
16	1763.94	1755.13	1766.63	1787.89	1781.88	1836.11	1859.74
17	1778.98	1769.96	1781.02	1804.11	1799.17	1853.94	1878.53
18	1793.04	1784.56	1796.70	1822.04	1819.79	1871.55	1898.18
19	1808.19	1799.49	1813.56	1841.80	1838.04	1893.03	1920.41
20	1824.30	1815.38	1830.53	1862.10	1859.95	1914.18	1944.15
21	1842.12	1832.14	1849.43	1883.47	1882.40	1935.77	1967.56
22	1860.92	1851.04	1872.62	1905.81	1906.56	1958.97	1992.58
23	1882.50	1872.52	1895.07	1928.90	1931.48	1982.27	2018.25
24	1902.59	1893.78	1917.84	1955.32	1958.54	2007.40	2046.49
25	1923.85	1914.83	1941.57	1981.09	1984.10	2036.40	2074.74
26	1947.15	1937.92	1969.06	2008.05	2009.77	2064.32	2101.05
27	1971.53	1964.23	1994.41	2036.40	2037.26	2093.00	2133.38
28	1995.05	1989.04	2021.79	2065.61	2066.47	2123.17	2166.24
29	2020.08	2015.56	2050.25	2098.90	2099.55	2154.75	2200.82
30	2045.10	2041.98	2079.46	2129.40	2129.51	2186.96	2234.33
31	2070.34	2068.29	2108.03	2158.94	2160.22	2221.65	2271.81
32	2096.22	2094.50	2141.11	2190.19	2192.23	2253.98	2305.74
33	2127.04	2122.64	2169.67	2220.15	2224.45	2286.20	2342.58
34	2157.00	2150.24	2199.85	2250.54	2261.17	2320.03	2379.63
35	2185.57	2178.37	2231.00	2283.30	2293.61	2355.47	2416.47

IES ROAD REPORT**PHOTOMETRIC FILENAME : IES FILE - EYELITE MPL-L16-840-5 (277V).IES****CANDELA TABULATION - (Cont.)**

36	2214.57	2205.33	2266.44	2313.05	2328.40	2393.05	2453.19
37	2245.92	2234.54	2299.41	2342.58	2361.48	2425.59	2491.96
38	2273.52	2261.82	2332.05	2374.15	2397.78	2461.46	2530.73
39	2301.02	2289.63	2364.06	2405.30	2427.31	2498.51	2571.11
40	2327.44	2319.92	2395.52	2441.27	2458.35	2536.42	2612.14
41	2352.78	2349.02	2429.14	2472.42	2486.59	2575.84	2654.13
42	2380.27	2381.35	2466.62	2502.27	2516.13	2617.29	2693.65
43	2404.44	2410.24	2501.52	2536.21	2548.34	2653.81	2736.18
44	2430.64	2439.88	2538.14	2567.46	2576.16	2690.43	2782.25
45	2455.13	2469.73	2575.41	2599.79	2605.59	2733.71	2829.07
46	2480.90	2501.74	2614.50	2633.40	2636.41	2775.05	2873.64
47	2508.18	2534.60	2648.54	2667.01	2668.52	2816.61	2916.49
48	2536.32	2567.25	2682.48	2702.45	2700.63	2855.49	2958.48
49	2560.59	2597.64	2717.60	2736.07	2729.63	2894.04	3004.45
50	2585.40	2629.75	2753.36	2770.11	2758.62	2936.79	3044.40
51	2610.74	2662.50	2792.99	2806.09	2790.20	2974.70	3087.35
52	2638.77	2699.13	2829.50	2841.10	2823.38	3012.39	3128.27
53	2666.16	2735.21	2867.52	2878.47	2855.60	3051.91	3175.85
54	2694.08	2771.72	2902.42	2920.14	2888.57	3090.47	3220.41
55	2725.22	2809.53	2942.91	2959.34	2923.79	3129.02	3265.63
56	2759.80	2850.98	2981.68	2999.08	2963.74	3164.78	3305.15
57	2789.87	2889.21	3020.34	3039.78	2998.86	3200.01	3351.97
58	2822.52	2929.48	3058.36	3087.25	3042.57	3237.49	3406.53
59	2858.28	2975.77	3098.74	3136.11	3082.31	3275.61	3451.63
60	2894.37	3024.21	3143.84	3184.12	3122.58	3314.92	3496.63
61	2935.50	3077.90	3186.69	3233.30	3176.28	3354.66	3539.48
62	2975.88	3128.81	3228.58	3292.80	3222.13	3400.41	3586.95
63	3022.49	3184.33	3274.97	3352.72	3268.53	3444.65	3624.32
64	3071.46	3251.45	3321.04	3413.29	3320.83	3485.89	3673.29
65	3127.52	3309.77	3372.16	3480.95	3373.34	3530.46	3714.32
66	3185.08	3382.04	3414.47	3547.75	3421.35	3575.78	3748.04
67	3245.01	3449.38	3455.61	3626.90	3482.35	3615.52	3787.88
68	3305.58	3527.88	3495.66	3701.00	3539.48	3660.62	3820.74
69	3371.30	3601.02	3527.88	3780.69	3602.20	3700.79	3839.75
70	3448.52	3672.11	3545.92	3856.08	3674.26	3738.80	3835.78
71	3527.02	3745.35	3545.92	3931.04	3744.28	3770.27	3789.82
72	3609.07	3806.46	3491.37	3984.95	3816.88	3787.02	3697.46
73	3702.72	3855.43	3375.06	4021.89	3894.31	3775.75	3540.13
74	3792.61	3866.60	3209.03	4026.40	3979.47	3725.38	3287.21
75	3891.84	3827.51	2962.13	3977.75	4056.04	3607.68	2892.11
76	3987.96	3727.31	2664.11	3863.70	4126.60	3422.85	2483.16
77	4088.16	3535.19	2331.95	3680.92	4183.52	3123.87	2015.89
78	4178.04	3284.64	1960.90	3431.23	4212.09	2777.95	1611.55
79	4241.41	2982.11	1640.12	3097.13	4195.87	2388.54	1288.08
80	4230.45	2639.52	1346.72	2747.24	4088.26	1941.68	1008.53
81	4051.64	2231.96	1061.16	2362.98	3825.58	1559.25	758.63
82	3680.92	1866.29	858.93	1973.57	3344.56	1233.52	569.08
83	3094.66	1533.37	654.89	1622.29	2625.24	966.33	430.43
84	2466.40	1239.43	502.28	1308.05	1946.19	741.66	312.95
85	1856.51	999.30	382.86	1031.62	1381.73	547.06	220.59
86	1301.72	769.26	266.66	799.44	915.32	390.91	154.00
87	780.54	535.46	171.94	531.28	470.06	252.59	98.05
88	330.45	327.23	100.63	304.78	185.47	129.52	56.38
89	97.73	135.32	46.61	86.67	58.10	33.61	29.75
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-L16-840-5 (277V).IES

CANDELA TABULATION - (Cont.)

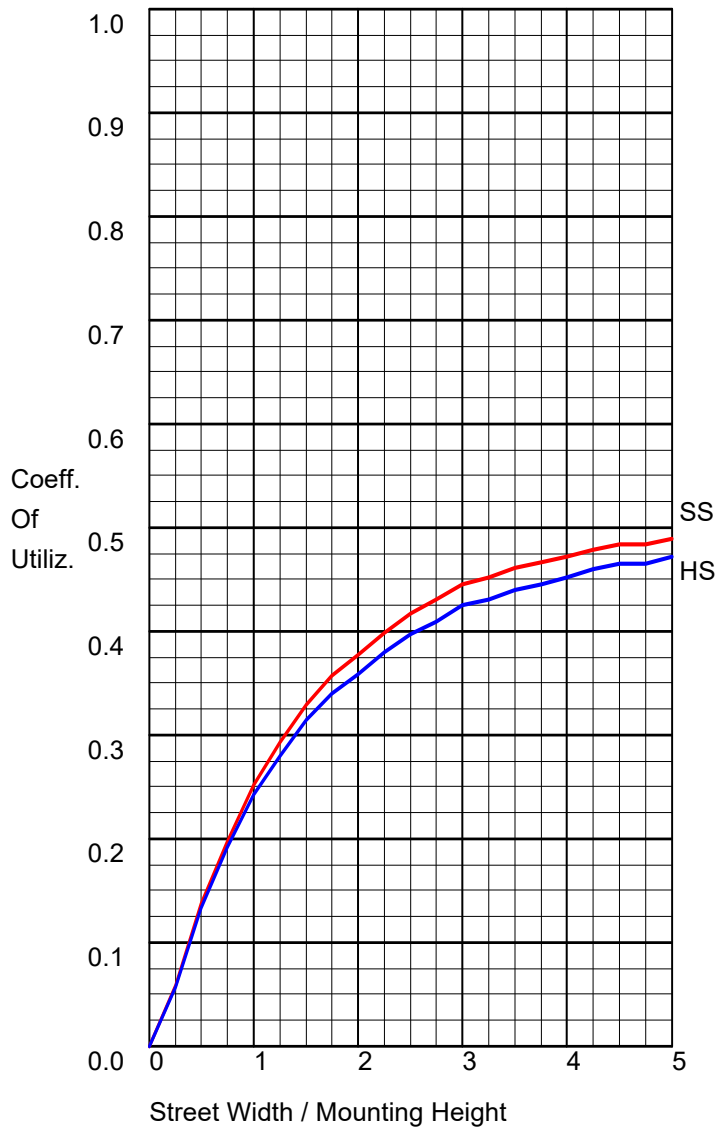
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94	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00
96	0.00	0.00	0.00	0.00	0.00	0.00	0.00
97	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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114	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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119	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
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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
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IES ROAD REPORT
PHOTOMETRIC FILENAME : IES FILE - EYELITE MPL-L16-840-5 (277V).IES

CANDELA TABULATION - (Cont.)

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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
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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
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180	0.00	0.00	0.00	0.00	0.00	0.00	0.00

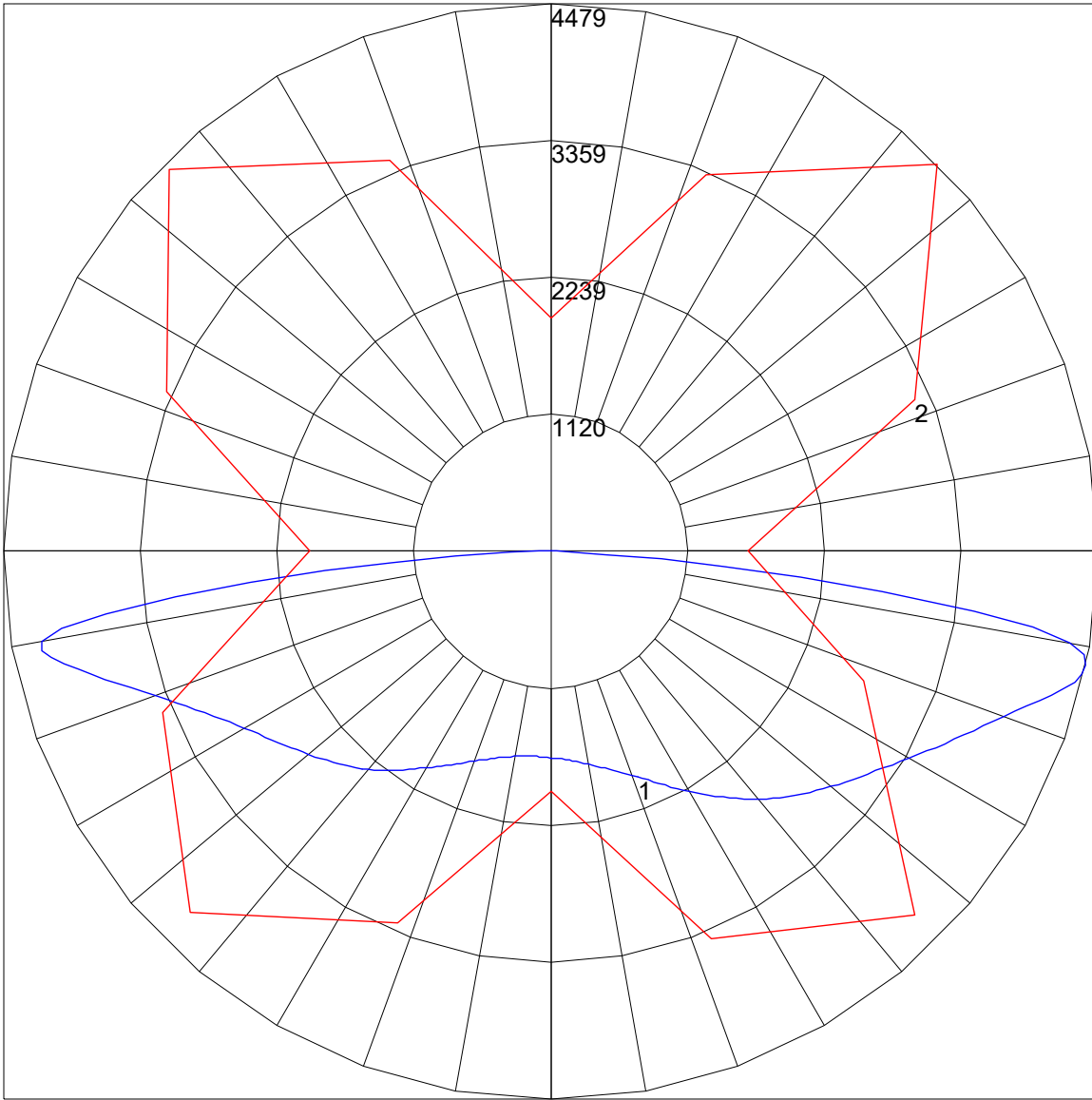
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

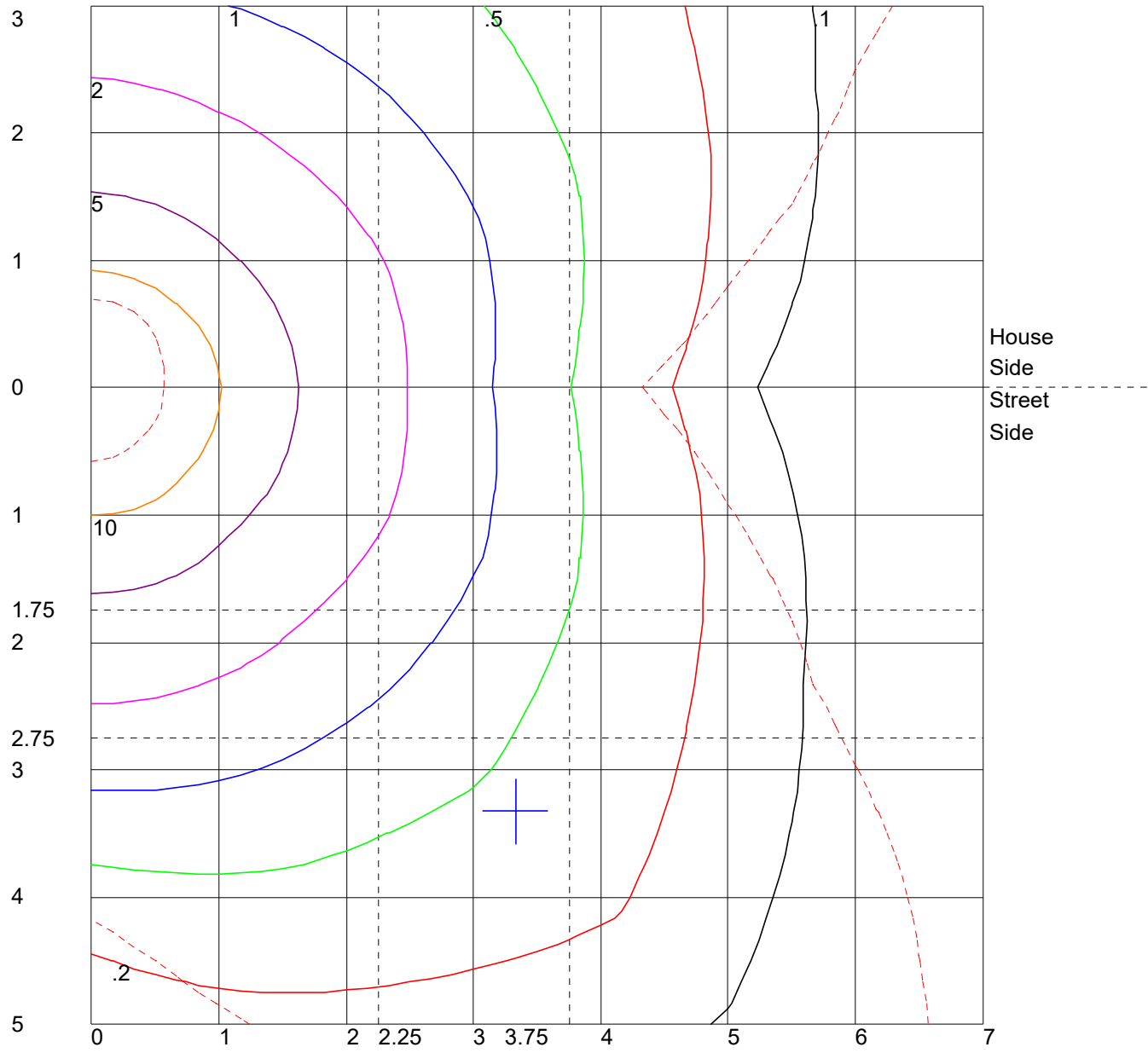
	Lumens	Percent Of Lamp
Downward Street Side	8240.3	50.6
Downward House Side	8026.7	49.3
Downward Total	16267.0	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	16267.0	100.0

POLAR GRAPH



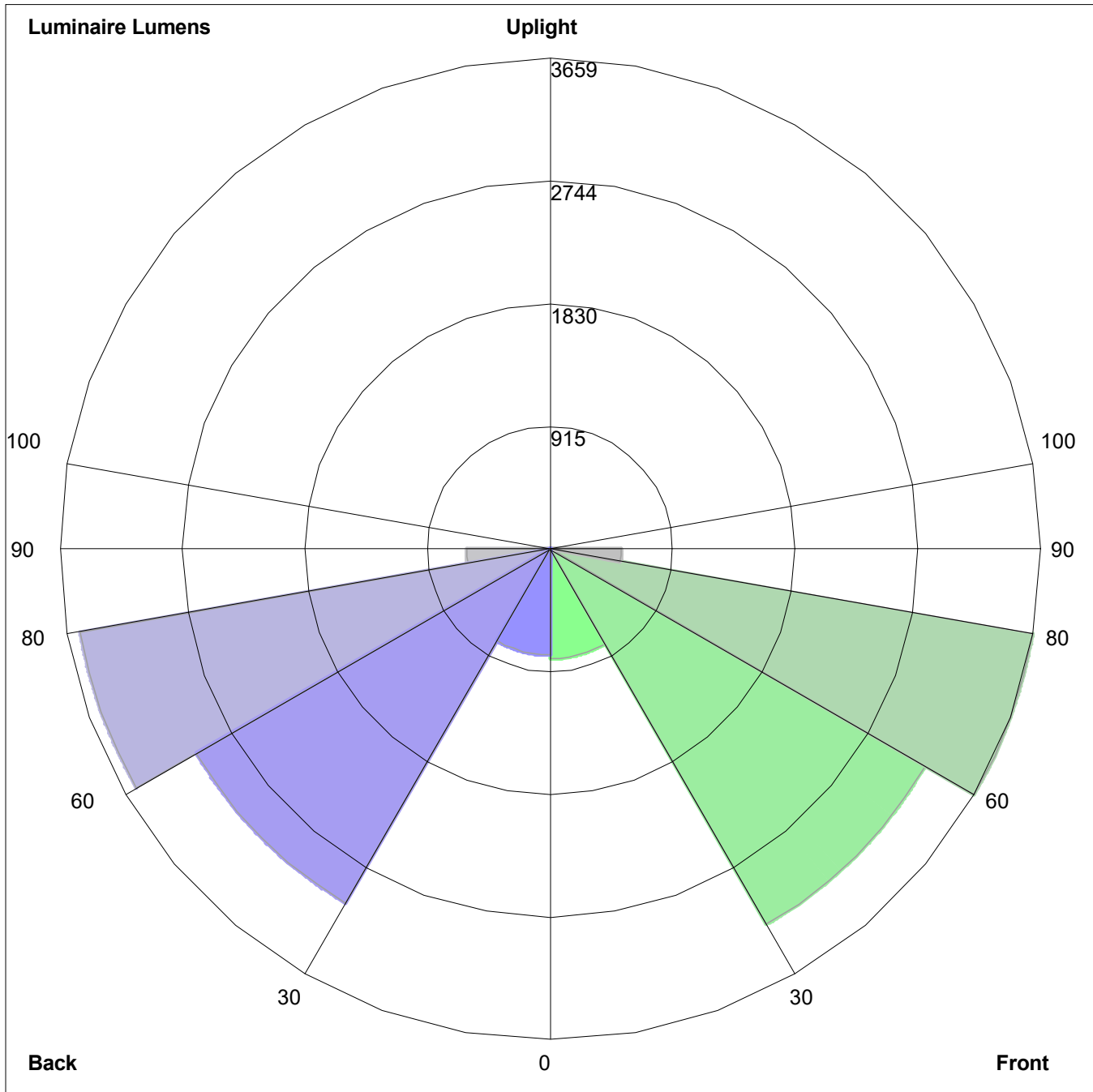
Maximum Candela = 4478.64 Located At Horizontal Angle = 45, Vertical Angle = 78
1 - Vertical Plane Through Horizontal Angles (45 - 225) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (78) (Through Max. Cd.)

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=816.7, Medium=3233.3, High= 3659.0, Very High=531.2
 Back: Low=790.4, Medium=3047.6, High=3565.2, Very High=623.5
 Uplight: Low=0.0, High=0.0

BUG Rating : B4-U0-G4