



IES INDOOR REPORT
PHOTOMETRIC FILENAME : HIGH-2-835-U10-SM-CA-N.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] 14298494.06_modified to 2ft length
 [TESTLAB] UL LLC
 [ISSUEDATE] 4/29/2022
 [MANUFAC] Lux Dynamics
 [LUMCAT] HIGH-2-835-U10-SM-CA-N
 [LUMINAIRE] HIGH Line LED Fixture, 2' Length, 3500K, Narrow Optic Refletors,
 [MORE] Clear Acrylic Lens
 [LAMP] White LED array
 [BALLAST] One (1) OSRAM OPTOTRONIC OTi 85/120-277/2A3 DIM L HB
 [OTHER] -
 [OTHER] This test was performed using the calibrated photodetector met
 [MORE] hod of absolute photometry.

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	7779
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	146
Total Luminaire Watts	53.436
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.20
Spacing Criterion (90-270)	1.18
Spacing Criterion (Diagonal)	1.32
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	1.92 ft
Luminous Width (90-270)	0.21 ft
Luminous Height	0.08 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	61049	51075	46535
55	51934	41954	38318
65	38286	34156	30717
75	22993	23560	19297
85	9006	11170	8714

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CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	2958.50	2958.50	2958.50	2958.50	2958.50
0.5	2942.00	2960.50	2959.50	2955.00	2976.00
1.0	2941.50	2959.50	2959.50	2954.50	2975.50
1.5	2942.00	2959.50	2959.50	2955.00	2975.00
2.0	2940.50	2958.50	2958.50	2955.00	2975.00
2.5	2939.50	2957.00	2958.00	2956.00	2976.50
3.0	2938.00	2955.50	2957.00	2955.00	2976.50
3.5	2934.50	2954.00	2956.00	2954.50	2974.50
4.0	2931.50	2951.50	2954.50	2951.50	2973.50
4.5	2929.50	2950.00	2951.50	2950.00	2971.00
5.0	2927.00	2947.00	2948.50	2947.50	2970.00
5.5	2923.50	2944.00	2944.50	2946.00	2969.50
6.0	2920.50	2941.00	2941.00	2944.00	2969.50
6.5	2916.00	2937.50	2937.00	2944.50	2970.00
7.0	2911.50	2933.50	2933.50	2944.00	2971.00
7.5	2906.00	2928.50	2931.00	2944.50	2971.50
8.0	2901.00	2923.00	2927.50	2944.50	2970.00
8.5	2895.00	2917.00	2926.00	2944.00	2970.50
9.0	2889.50	2911.00	2924.50	2942.00	2967.50
9.5	2882.50	2904.50	2922.00	2940.00	2964.00
10.0	2875.50	2897.50	2920.00	2937.50	2960.00
10.5	2869.00	2890.00	2917.50	2933.00	2957.00
11.0	2861.50	2882.50	2915.00	2928.50	2954.50
11.5	2854.00	2875.00	2911.00	2924.50	2952.00
12.0	2846.00	2867.50	2907.00	2922.00	2950.00
12.5	2837.00	2860.00	2902.00	2919.00	2947.50
13.0	2828.50	2851.50	2896.50	2915.50	2944.00
13.5	2819.00	2844.50	2892.00	2912.50	2939.50
14.0	2810.00	2836.50	2885.00	2908.00	2936.50
14.5	2799.50	2829.00	2879.00	2903.00	2930.50
15.0	2790.00	2820.50	2872.00	2898.00	2926.00
15.5	2779.50	2813.00	2865.00	2892.50	2919.50
16.0	2769.00	2804.50	2858.00	2886.00	2914.00
16.5	2757.50	2796.50	2851.50	2880.00	2906.00
17.0	2746.00	2788.00	2844.50	2873.00	2895.00
17.5	2735.00	2779.50	2836.00	2864.00	2884.00
18.0	2722.00	2771.00	2827.00	2853.50	2871.50
18.5	2709.50	2761.00	2819.00	2843.00	2857.50
19.0	2697.00	2751.50	2809.50	2831.00	2842.00
19.5	2684.50	2742.50	2799.50	2817.00	2824.50
20.0	2670.50	2733.00	2790.00	2802.00	2806.00
20.5	2657.00	2722.00	2780.00	2786.00	2785.50
21.0	2642.00	2711.00	2770.00	2768.00	2764.00
21.5	2627.50	2701.00	2759.50	2749.50	2742.50
22.0	2616.50	2689.00	2749.00	2729.50	2720.50
22.5	2602.00	2677.50	2737.50	2708.50	2700.00
23.0	2586.50	2665.00	2726.00	2687.00	2680.50
23.5	2569.00	2652.00	2712.50	2666.50	2659.50
24.0	2552.00	2638.00	2700.00	2646.00	2638.50
24.5	2536.00	2624.00	2684.50	2625.50	2614.50
25.0	2518.00	2609.50	2670.00	2605.00	2590.00
25.5	2500.00	2594.00	2654.00	2584.50	2563.50
26.0	2483.00	2578.00	2637.00	2562.50	2534.50
26.5	2467.50	2562.00	2619.00	2539.00	2507.50

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CANDELA TABULATION - (Cont.)

27.0	2447.50	2546.50	2600.00	2515.00	2478.00
27.5	2430.00	2529.00	2580.50	2490.00	2448.50
28.0	2412.00	2512.50	2561.00	2464.50	2419.00
28.5	2394.00	2495.50	2539.00	2437.50	2389.00
29.0	2376.50	2477.00	2518.00	2410.50	2360.00
29.5	2357.50	2459.00	2495.50	2382.50	2332.00
30.0	2339.00	2441.50	2474.00	2355.00	2304.00
30.5	2321.00	2424.00	2451.50	2327.00	2278.50
31.0	2301.50	2405.50	2430.00	2299.50	2252.50
31.5	2282.50	2387.00	2408.00	2272.50	2228.50
32.0	2263.00	2368.00	2387.00	2246.50	2203.50
32.5	2243.50	2350.00	2365.50	2220.50	2180.50
33.0	2223.00	2331.00	2343.00	2195.00	2157.50
33.5	2201.50	2312.50	2321.00	2170.00	2134.00
34.0	2180.00	2293.50	2298.00	2145.50	2111.50
34.5	2158.00	2273.50	2275.00	2121.50	2091.00
35.0	2135.50	2254.00	2250.00	2097.50	2068.50
35.5	2113.00	2233.50	2227.00	2074.50	2048.00
36.0	2091.00	2213.50	2203.00	2051.50	2027.50
36.5	2070.00	2193.00	2178.00	2029.00	2007.00
37.0	2046.50	2173.00	2153.00	2007.00	1986.50
37.5	2024.00	2152.50	2128.50	1984.00	1966.50
38.0	2001.00	2131.50	2103.50	1962.00	1945.50
38.5	1977.50	2110.50	2079.50	1940.50	1925.50
39.0	1955.50	2089.00	2054.50	1918.50	1907.00
39.5	1931.50	2067.00	2029.50	1897.00	1888.50
40.0	1908.50	2045.00	2005.00	1875.50	1870.00
40.5	1884.50	2023.50	1979.50	1855.00	1853.00
41.0	1861.50	2001.00	1954.50	1834.50	1836.50
41.5	1838.00	1978.50	1929.50	1814.50	1820.00
42.0	1814.50	1956.00	1905.00	1795.00	1804.50
42.5	1789.50	1934.00	1880.00	1776.50	1788.50
43.0	1766.50	1910.50	1855.00	1758.00	1772.50
43.5	1742.00	1887.50	1831.50	1740.50	1756.50
44.0	1718.50	1863.50	1806.00	1723.00	1741.00
44.5	1693.00	1840.50	1781.50	1705.50	1723.00
45.0	1669.50	1816.00	1757.50	1689.50	1706.50
45.5	1644.00	1791.50	1732.50	1671.50	1690.50
46.0	1620.00	1767.50	1708.00	1656.00	1673.00
46.5	1597.50	1743.50	1685.00	1639.00	1656.00
47.0	1574.00	1717.00	1659.50	1622.00	1636.50
47.5	1548.00	1692.50	1635.00	1606.00	1617.00
48.0	1520.00	1666.00	1610.50	1590.00	1599.50
48.5	1498.50	1641.00	1586.50	1572.00	1579.00
49.0	1476.00	1616.50	1562.50	1556.00	1558.00
49.5	1448.50	1590.50	1539.50	1538.00	1532.50
50.0	1422.00	1564.50	1514.50	1520.50	1512.00
50.5	1395.00	1540.00	1492.50	1502.50	1489.50
51.0	1374.50	1514.00	1465.00	1482.00	1465.00
51.5	1348.00	1488.00	1443.00	1463.00	1445.00
52.0	1323.00	1460.50	1421.00	1443.00	1419.00
52.5	1297.00	1438.50	1398.00	1420.50	1393.00
53.0	1269.00	1410.50	1376.50	1396.50	1367.00
53.5	1242.50	1386.50	1356.50	1375.00	1340.50
54.0	1219.50	1361.50	1332.50	1352.00	1324.00
54.5	1194.00	1335.50	1311.50	1325.00	1303.50

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CANDELA TABULATION - (Cont.)

55.0	1172.50	1306.00	1290.50	1300.00	1279.00
55.5	1145.00	1280.00	1270.00	1278.00	1257.50
56.0	1116.50	1252.00	1248.50	1255.00	1238.50
56.5	1093.00	1231.00	1228.50	1230.50	1220.00
57.0	1067.00	1204.00	1211.00	1209.00	1206.00
57.5	1040.00	1176.00	1192.00	1187.50	1182.00
58.0	1013.50	1151.00	1172.00	1166.00	1166.50
58.5	987.50	1126.00	1152.50	1145.50	1151.00
59.0	961.00	1101.00	1133.50	1125.00	1132.00
59.5	935.50	1074.00	1114.50	1104.50	1117.00
60.0	908.50	1049.50	1095.50	1085.50	1098.00
60.5	883.00	1023.50	1075.00	1067.00	1081.00
61.0	857.50	998.50	1056.00	1047.50	1062.00
61.5	831.00	973.00	1036.00	1028.50	1041.50
62.0	805.00	949.00	1016.00	1010.00	1023.00
62.5	779.50	923.00	996.50	992.50	1003.50
63.0	754.50	898.50	975.50	974.00	982.00
63.5	729.00	874.00	955.50	955.00	960.00
64.0	704.50	849.50	934.50	936.00	937.50
64.5	680.50	826.00	914.00	916.50	915.00
65.0	655.50	801.50	894.00	898.00	893.00
65.5	632.50	778.50	872.50	878.00	869.50
66.0	609.00	755.50	852.50	858.00	846.50
66.5	585.00	732.00	831.00	839.00	822.50
67.0	562.50	708.50	811.00	817.50	799.00
67.5	540.50	686.50	789.00	796.50	776.50
68.0	518.00	664.00	768.00	775.00	753.00
68.5	496.20	642.00	747.50	754.50	729.50
69.0	474.60	621.00	727.50	733.50	706.50
69.5	453.50	600.00	706.50	712.00	685.00
70.0	432.85	579.00	686.00	690.00	662.00
70.5	412.90	558.50	665.00	668.00	639.50
71.0	393.30	538.00	645.50	647.00	618.00
71.5	374.25	517.50	626.00	625.50	598.50
72.0	355.95	496.95	605.50	605.00	578.50
72.5	338.15	476.90	586.00	585.50	558.50
73.0	320.75	457.10	567.00	565.00	538.00
73.5	303.80	437.25	548.00	544.00	518.50
74.0	287.25	418.00	528.50	523.50	498.80
74.5	271.40	399.10	509.00	503.50	479.45
75.0	256.25	380.50	489.90	483.65	460.85
75.5	241.65	362.10	471.05	464.30	442.50
76.0	227.35	344.25	452.45	445.20	424.35
76.5	213.50	326.75	434.15	426.50	406.40
77.0	200.15	309.50	415.85	408.25	388.85
77.5	187.25	292.70	397.85	390.25	371.60
78.0	174.85	276.20	380.30	372.85	354.70
78.5	162.90	260.35	362.85	355.95	338.35
79.0	151.40	244.95	345.80	339.20	322.25
79.5	140.30	229.75	329.05	322.70	306.30
80.0	129.50	215.05	312.40	306.50	290.85
80.5	119.10	200.80	296.00	290.75	275.70
81.0	109.15	187.00	280.00	275.10	260.80
81.5	99.50	173.65	264.20	260.00	246.25
82.0	90.40	160.70	248.75	245.10	232.20
82.5	81.60	148.25	233.65	230.75	218.60

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CANDELA TABULATION - (Cont.)

83.0	73.20	136.25	218.95	216.90	205.20
83.5	65.10	124.80	204.75	203.40	192.35
84.0	57.55	113.90	191.00	190.60	179.95
84.5	50.35	103.45	177.75	178.00	167.95
85.0	43.50	93.45	165.10	166.00	156.55
85.5	37.15	84.15	152.95	154.70	145.65
86.0	31.25	75.45	141.20	143.70	135.25
86.5	25.75	67.25	130.05	133.35	125.45
87.0	20.70	59.75	119.50	123.75	116.35
87.5	16.40	52.95	109.95	114.95	107.80
88.0	12.65	46.90	101.25	107.00	100.25
88.5	9.50	41.60	93.50	99.80	93.25
89.0	6.85	37.20	86.75	93.30	86.90
89.5	4.90	33.75	80.95	87.45	81.25
90.0	3.80	31.05	75.75	82.10	76.20
90.5	2.35	29.05	71.45	77.65	71.90
91.0	1.60	27.50	67.85	73.70	68.05
91.5	1.50	26.25	64.95	70.25	64.80
92.0	1.45	25.20	62.50	67.30	61.95
92.5	1.45	24.20	60.35	64.90	59.60
93.0	1.45	23.30	58.30	62.85	57.60
93.5	1.45	22.50	56.30	60.90	55.85
94.0	1.50	21.80	54.45	59.10	54.15
94.5	1.50	21.15	52.70	57.40	52.60
95.0	1.60	20.60	51.00	55.80	51.05
95.5	1.55	20.15	49.45	54.20	49.65
96.0	1.55	19.70	47.90	52.75	48.30
96.5	1.60	19.35	46.50	51.30	47.05
97.0	1.60	19.10	45.20	49.95	45.80
97.5	1.65	18.85	44.00	48.65	44.65
98.0	1.70	18.70	42.85	47.45	43.55
98.5	1.80	18.65	41.75	46.30	42.45
99.0	1.85	18.70	40.75	45.20	41.40
99.5	1.90	18.80	39.85	44.15	40.45
100.0	1.95	19.00	39.00	43.15	39.50
100.5	2.00	19.35	38.25	42.20	38.65
101.0	2.05	19.75	37.50	41.30	37.80
101.5	2.10	20.25	36.90	40.50	37.00
102.0	2.20	20.80	36.30	39.70	36.25
102.5	2.30	21.40	35.75	38.95	35.55
103.0	2.45	22.10	35.25	38.25	34.85
103.5	2.60	22.75	34.85	37.60	34.25
104.0	2.70	23.50	34.50	37.00	33.65
104.5	2.80	24.25	34.15	36.40	33.05
105.0	2.90	25.00	33.90	35.80	32.55
105.5	2.95	25.75	33.70	35.30	32.05
106.0	3.05	26.45	33.50	34.80	31.60
106.5	3.15	27.15	33.40	34.40	31.10
107.0	3.20	27.85	33.30	33.95	30.65
107.5	3.30	28.50	33.30	33.60	30.25
108.0	3.35	29.10	33.30	33.30	29.85
108.5	3.45	29.65	33.40	33.00	29.50
109.0	3.50	30.20	33.60	32.80	29.20
109.5	3.60	30.70	33.85	32.55	28.95
110.0	3.65	31.15	34.15	32.40	28.70
110.5	3.70	31.55	34.50	32.25	28.40

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CANDELA TABULATION - (Cont.)

111.0	3.75	31.95	35.00	32.15	28.20
111.5	3.80	32.25	35.50	32.10	28.00
112.0	3.90	32.55	36.15	32.05	27.90
112.5	4.00	32.80	36.90	32.05	27.75
113.0	4.10	33.00	37.75	32.05	27.70
113.5	4.15	33.00	38.60	32.10	27.65
114.0	4.30	33.05	39.60	32.25	27.65
114.5	4.35	33.35	40.60	32.40	27.70
115.0	4.40	33.60	41.70	32.60	27.80
115.5	4.40	33.85	42.90	32.85	27.95
116.0	4.45	34.00	44.10	33.15	28.20
116.5	4.45	34.05	45.40	33.55	28.40
117.0	4.40	34.10	46.75	34.05	28.75
117.5	4.40	34.10	48.00	34.60	29.10
118.0	4.40	34.00	49.20	35.25	29.50
118.5	4.45	33.95	50.30	35.90	30.00
119.0	4.45	33.80	51.35	36.65	30.65
119.5	4.50	33.65	52.20	37.40	31.30
120.0	4.55	33.45	52.90	38.25	32.00
120.5	4.60	33.20	53.55	39.15	32.80
121.0	4.65	32.80	54.10	40.15	33.55
121.5	4.70	32.30	54.60	41.25	34.40
122.0	4.75	31.95	54.95	42.50	35.30
122.5	4.85	31.55	55.30	43.80	36.30
123.0	4.90	31.10	55.55	45.15	37.35
123.5	5.00	30.35	55.65	46.55	38.45
124.0	5.05	29.55	55.50	47.90	39.75
124.5	5.10	28.80	55.40	49.20	41.05
125.0	5.20	28.20	55.35	50.35	42.45
125.5	5.25	27.65	55.40	51.40	43.90
126.0	5.35	27.15	55.50	52.30	45.35
126.5	5.40	26.60	55.55	53.10	46.70
127.0	5.45	25.90	55.45	53.75	48.00
127.5	5.55	25.20	55.45	54.25	49.10
128.0	5.55	24.50	55.35	54.75	50.05
128.5	5.65	23.80	55.25	55.15	50.90
129.0	5.70	23.20	55.15	55.50	51.65
129.5	5.75	22.55	54.85	55.80	52.30
130.0	5.85	21.95	54.45	56.10	52.85
130.5	5.90	21.30	54.10	56.30	53.35
131.0	5.95	20.70	53.75	56.50	53.80
131.5	6.00	20.10	53.30	56.65	54.25
132.0	6.10	19.55	52.70	56.80	54.60
132.5	6.15	19.05	52.10	56.90	55.00
133.0	6.25	18.55	51.50	56.95	55.25
133.5	6.30	18.10	50.90	56.75	55.50
134.0	6.35	17.70	50.35	56.50	55.80
134.5	6.45	17.35	49.80	56.40	56.00
135.0	6.50	17.00	49.25	56.40	56.20
135.5	6.55	16.65	48.65	56.50	56.30
136.0	6.65	16.35	48.05	56.55	56.40
136.5	6.70	16.05	47.35	56.60	56.55
137.0	6.80	15.80	46.55	56.65	56.70
137.5	6.85	15.55	45.65	56.60	56.70
138.0	6.95	15.35	44.80	56.65	56.95
138.5	7.00	15.15	43.95	56.55	57.10

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	7.05	15.00	43.15	56.50	57.15
139.5	7.10	14.85	42.25	56.35	57.30
140.0	7.20	14.65	41.30	56.10	57.35
140.5	7.25	14.50	40.20	55.90	57.45
141.0	7.30	14.30	39.10	55.55	57.25
141.5	7.35	14.10	38.05	55.25	57.20
142.0	7.50	14.05	37.10	54.85	57.10
142.5	7.65	13.95	36.20	54.45	57.00
143.0	7.70	13.85	35.20	53.95	56.55
143.5	7.80	13.75	34.05	53.25	55.85
144.0	7.85	13.65	32.85	52.55	55.20
144.5	7.90	13.55	31.70	51.75	54.55
145.0	7.95	13.45	30.55	50.95	53.95
145.5	8.05	13.35	29.40	50.00	53.50
146.0	8.05	13.25	28.35	48.90	53.05
146.5	8.10	13.15	27.35	47.65	52.55
147.0	8.15	13.05	26.35	46.20	51.80
147.5	8.20	12.95	25.40	44.75	50.95
148.0	8.25	12.85	24.50	43.30	49.95
148.5	8.30	12.75	23.60	41.85	48.85
149.0	8.35	12.65	22.75	40.40	47.60
149.5	8.40	12.55	21.90	38.85	46.25
150.0	8.45	12.40	21.20	37.15	44.90
150.5	8.50	12.30	20.60	35.50	43.45
151.0	8.55	12.20	20.05	33.90	42.00
151.5	8.65	12.05	19.50	32.35	40.45
152.0	8.70	11.95	18.95	30.85	38.85
152.5	8.75	11.80	18.50	29.50	37.20
153.0	8.85	11.70	18.15	28.20	35.55
153.5	8.90	11.60	17.75	26.90	34.00
154.0	8.95	11.50	17.30	25.80	32.50
154.5	9.00	11.45	16.95	24.70	31.00
155.0	9.05	11.35	16.55	23.65	29.55
155.5	9.10	11.25	16.20	22.65	28.15
156.0	9.15	11.15	15.85	21.75	26.90
156.5	9.20	11.05	15.55	20.90	25.70
157.0	9.25	10.95	15.25	20.10	24.55
157.5	9.30	10.85	14.95	19.30	23.50
158.0	9.35	10.75	14.65	18.55	22.55
158.5	9.40	10.65	14.40	17.85	21.70
159.0	9.45	10.60	14.15	17.25	20.85
159.5	9.45	10.50	13.90	16.65	20.05
160.0	9.50	10.40	13.65	16.15	19.30
160.5	9.55	10.30	13.40	15.70	18.65
161.0	9.55	10.25	13.15	15.30	17.95
161.5	9.55	10.15	12.95	14.95	17.35
162.0	9.60	10.05	12.75	14.60	16.75
162.5	9.65	10.00	12.50	14.25	16.30
163.0	9.65	9.95	12.30	13.90	15.85
163.5	9.65	9.95	12.10	13.55	15.50
164.0	9.70	9.95	11.95	13.30	15.10
164.5	9.70	9.95	11.75	13.00	14.70
165.0	9.70	10.00	11.60	12.80	14.30
165.5	9.75	10.05	11.45	12.50	13.95
166.0	9.75	10.10	11.30	12.25	13.65
166.5	9.80	10.15	11.15	12.00	13.35

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	9.80	10.15	10.95	11.75	13.05
167.5	9.80	10.10	10.80	11.50	12.80
168.0	9.80	10.10	10.65	11.25	12.55
168.5	9.80	10.05	10.50	11.10	12.25
169.0	9.80	10.05	10.35	10.85	12.05
169.5	9.80	10.05	10.20	10.65	11.80
170.0	9.85	10.00	10.10	10.50	11.45
170.5	9.85	10.00	10.00	10.30	10.95
171.0	9.80	9.95	9.95	10.10	10.40
171.5	9.85	9.95	9.95	9.90	9.85
172.0	9.85	9.95	10.00	9.70	9.60
172.5	9.85	9.90	10.00	9.50	9.15
173.0	9.85	9.90	10.00	9.40	8.70
173.5	9.90	9.95	9.95	9.45	8.55
174.0	9.90	9.95	9.95	9.50	8.55
174.5	9.95	9.95	9.90	9.55	8.75
175.0	10.00	10.00	9.90	9.55	8.85
175.5	10.00	10.00	9.90	9.55	8.80
176.0	10.05	10.05	9.90	9.50	8.80
176.5	10.05	10.05	9.95	9.50	8.75
177.0	10.10	10.05	9.95	9.50	8.75
177.5	10.10	10.05	9.95	9.50	8.75
178.0	10.10	10.10	10.00	9.50	8.70
178.5	10.15	10.10	10.00	9.45	8.75
179.0	10.10	10.10	10.00	9.50	8.70
179.5	10.10	10.10	9.95	9.45	8.70
180.0	9.75	9.75	9.75	9.75	9.75

IES INDOOR REPORT
PHOTOMETRIC FILENAME : HIGH-2-835-U10-SM-CA-N.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1087.72	N.A.	14.00
0-30	2285.71	N.A.	29.40
0-40	3646.85	N.A.	46.90
0-60	6134.55	N.A.	78.90
0-80	7424.03	N.A.	95.40
0-90	7576.89	N.A.	97.40
10-90	7296.41	N.A.	93.80
20-40	2559.13	N.A.	32.90
20-50	3899.3	N.A.	50.10
40-70	3320.3	N.A.	42.70
60-80	1289.49	N.A.	16.60
70-80	456.88	N.A.	5.90
80-90	152.86	N.A.	2.00
90-110	73.77	N.A.	0.90
90-120	104.91	N.A.	1.30
90-130	139.89	N.A.	1.80
90-150	189.41	N.A.	2.40
90-180	202.27	N.A.	2.60
110-180	128.50	N.A.	1.70
0-180	7779.16	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	280.48
10-20	807.24
20-30	1197.99
30-40	1361.14
40-50	1340.17
50-60	1147.52
60-70	832.61
70-80	456.88
80-90	152.86
90-100	43.58
100-110	30.19
110-120	31.15
120-130	34.97
130-140	29.85
140-150	19.67
150-160	8.56
160-170	3.37
170-180	0.94

IES INDOOR REPORT
PHOTOMETRIC FILENAME : HIGH-2-835-U10-SM-CA-N.IES

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC	80				70				50			30			10			0
	RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
0	118	118	118	118	115	115	115	115	110	110	110	104	104	104	100	100	100	97
1	108	104	100	96	105	101	98	94	97	93	91	92	90	87	88	86	84	82
2	99	91	84	79	96	89	83	78	85	80	75	81	77	73	78	74	71	69
3	90	80	72	66	88	78	71	65	75	69	64	72	67	62	69	65	61	59
4	83	71	63	56	81	70	62	56	67	60	55	64	59	54	62	57	53	51
5	77	64	55	49	74	63	54	48	60	53	48	58	52	47	56	51	46	44
6	71	58	49	43	69	57	48	42	55	47	42	53	46	41	51	45	41	39
7	66	53	44	38	64	52	43	38	50	43	37	48	42	37	47	41	36	34
8	61	48	40	34	60	47	39	34	46	39	33	44	38	33	43	37	33	31
9	57	44	36	31	56	43	36	30	42	35	30	41	34	30	40	34	30	28
10	54	41	33	28	52	40	33	28	39	32	27	38	32	27	37	31	27	25

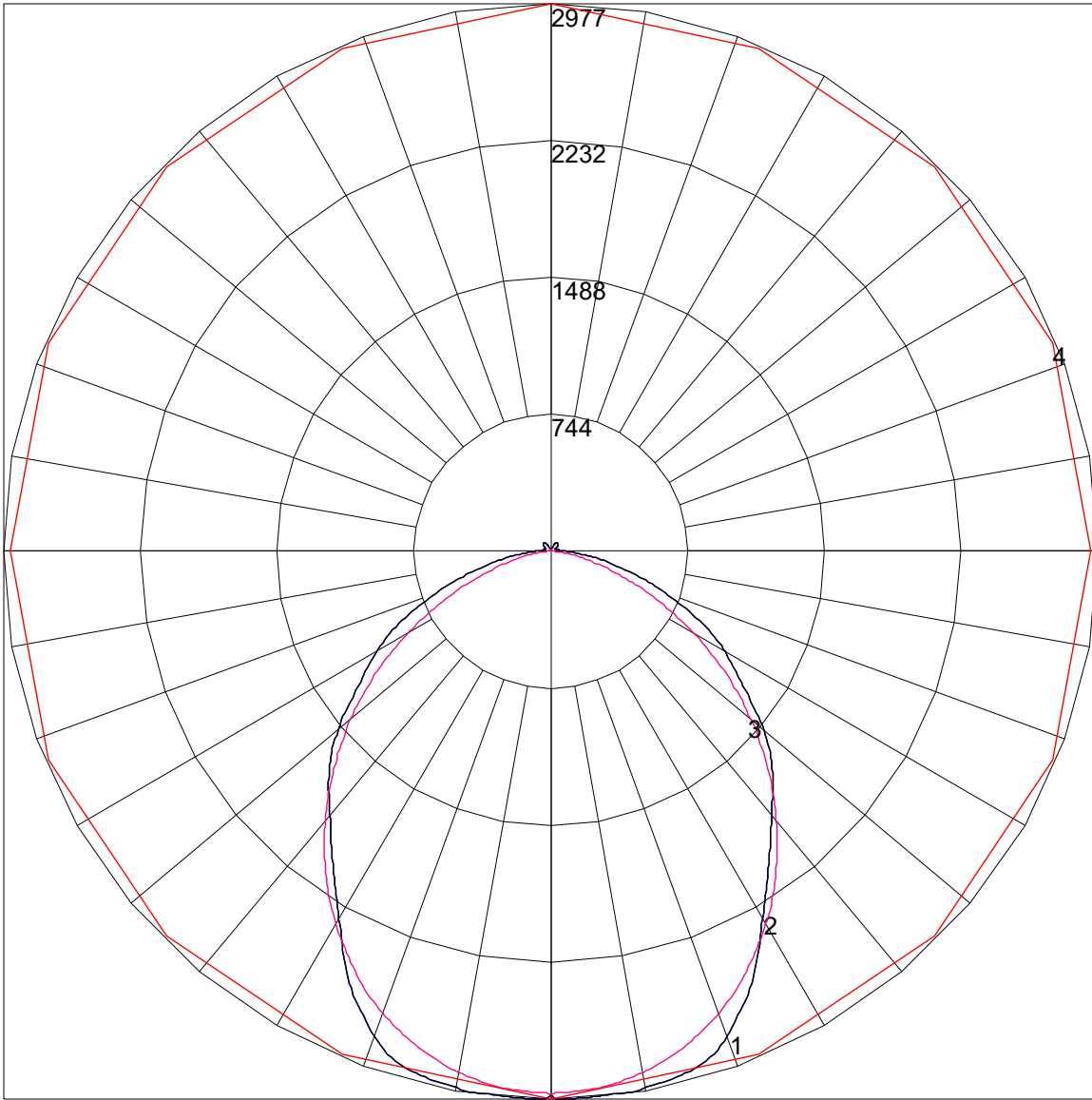
IES INDOOR REPORT
PHOTOMETRIC FILENAME : HIGH-2-835-U10-SM-CA-N.IES

UGR TABLE - CORRECTED

Reflectances											
Ceiling Cavity	70	70	50	50	30	70	70	50	50	30	
Walls	50	30	50	30	30	50	30	50	30	30	
Floor Cavity	20	20	20	20	20	20	20	20	20	20	
Room Size		UGR Viewed Crosswise					UGR Viewed Endwise				
X=2H	Y=2H	24.1	25.6	24.5	26.0	26.4	25.2	26.7	25.6	27.1	27.5
	3H	25.1	26.5	25.5	26.9	27.3	27.0	28.4	27.4	28.7	29.2
	4H	25.3	26.6	25.8	27.0	27.5	27.6	28.9	28.0	29.3	29.7
	6H	25.4	26.6	25.9	27.0	27.5	28.0	29.2	28.5	29.7	30.1
	8H	25.4	26.6	25.9	27.0	27.5	28.2	29.4	28.7	29.8	30.3
	12H	25.4	26.5	25.9	26.9	27.4	28.3	29.4	28.8	29.9	30.4
4H	2H	24.8	26.1	25.2	26.5	26.9	25.7	26.9	26.1	27.4	27.8
	3H	26.0	27.1	26.5	27.6	28.0	27.6	28.7	28.1	29.2	29.6
	4H	26.4	27.3	26.9	27.8	28.3	28.4	29.3	28.8	29.8	30.3
	6H	26.5	27.4	27.1	27.9	28.4	28.9	29.8	29.4	30.3	30.8
	8H	26.6	27.3	27.1	27.8	28.4	29.1	29.9	29.6	30.4	31.0
	12H	26.6	27.3	27.1	27.8	28.3	29.3	30.0	29.8	30.5	31.1
8H	4H	26.7	27.5	27.2	28.0	28.6	28.5	29.3	29.0	29.8	30.3
	6H	27.0	27.7	27.5	28.2	28.7	29.2	29.8	29.7	30.4	30.9
	8H	27.0	27.6	27.6	28.2	28.7	29.4	30.0	30.0	30.6	31.1
	12H	27.1	27.6	27.6	28.1	28.8	29.7	30.2	30.2	30.7	31.4
12H	4H	26.8	27.5	27.3	28.0	28.6	28.5	29.2	29.0	29.7	30.3
	6H	27.1	27.7	27.6	28.2	28.8	29.2	29.8	29.7	30.3	30.9
	8H	27.2	27.7	27.7	28.2	28.9	29.5	30.0	30.0	30.5	31.2

Maximum UGR = 31.4

POLAR GRAPH



- Maximum Candela = 2976.5 Located At Horizontal Angle = 90, Vertical Angle = 2.5
- # 1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
 - # 2 - Vertical Plane Through Horizontal Angles (90 - 270)
 - # 3 - Vertical Plane Through Horizontal Angles (0 - 180)
 - # 4 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)