



IES INDOOR REPORT
PHOTOMETRIC FILENAME : HIGH-4-835-U10-SM-WP.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] 14298494.01
 [TESTLAB] UL LLC
 [ISSUEDATE] 4/29/2022
 [MANUFAC] Lux Dynamics
 [LUMCAT] HIGH-4-835-U10-SM-WP
 [LUMINAIRE] HIGH Line LED Fixture, 4' Length, 3500K, White Polycarbonate Lens
 [LAMP] White LED array
 [BALLAST] Two (2) OSRAM OPTOTRONIC OTi 85/120-277/2A3 DIM L HB
 [OTHER] 25.5 C, 276.976 V, 0.404624 A, 106.801 W, 0.952974 PF, 59.9997
 [MORE] Hz
 [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	12012
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	112
Total Luminaire Watts	106.801
Ballast Factor	1.00
CIE Type	Semi-Direct
Spacing Criterion (0-180)	1.28
Spacing Criterion (90-270)	1.30
Spacing Criterion (Diagonal)	1.42
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	3.83 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	41077	33344	31769
55	39349	30104	29180
65	36508	26734	26882
75	30223	23754	24872
85	17926	20723	23071

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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	3262.0	3262.0	3262.0	3262.0	3262.0
0.5	3247.0	3263.0	3261.0	3262.0	3282.0
1.0	3245.0	3264.0	3261.0	3261.0	3279.0
1.5	3246.0	3262.0	3258.0	3258.0	3284.0
2.0	3243.0	3259.0	3259.0	3257.0	3280.0
2.5	3243.0	3259.0	3260.0	3258.0	3280.0
3.0	3240.0	3257.0	3258.0	3256.0	3279.0
3.5	3240.0	3257.0	3254.0	3256.0	3275.0
4.0	3238.0	3255.0	3251.0	3254.0	3273.0
4.5	3233.0	3251.0	3250.0	3250.0	3269.0
5.0	3230.0	3248.0	3248.0	3249.0	3270.0
5.5	3229.0	3245.0	3245.0	3246.0	3269.0
6.0	3228.0	3243.0	3243.0	3244.0	3268.0
6.5	3222.0	3240.0	3240.0	3239.0	3263.0
7.0	3220.0	3236.0	3236.0	3236.0	3259.0
7.5	3216.0	3232.0	3231.0	3233.0	3255.0
8.0	3212.0	3228.0	3227.0	3231.0	3253.0
8.5	3210.0	3223.0	3224.0	3227.0	3247.0
9.0	3202.0	3220.0	3219.0	3222.0	3245.0
9.5	3199.0	3214.0	3214.0	3216.0	3240.0
10.0	3192.0	3209.0	3208.0	3213.0	3235.0
10.5	3188.0	3204.0	3204.0	3209.0	3230.0
11.0	3181.0	3198.0	3198.0	3201.0	3224.0
11.5	3175.0	3192.0	3194.0	3196.0	3219.0
12.0	3166.0	3186.0	3188.0	3190.0	3213.0
12.5	3160.0	3179.0	3182.0	3185.0	3205.0
13.0	3155.0	3170.0	3173.0	3177.0	3199.0
13.5	3151.0	3164.0	3170.0	3170.0	3194.0
14.0	3144.0	3159.0	3163.0	3164.0	3185.0
14.5	3137.0	3151.0	3157.0	3156.0	3182.0
15.0	3127.0	3144.0	3145.0	3150.0	3173.0
15.5	3118.0	3135.0	3139.0	3144.0	3168.0
16.0	3111.0	3125.0	3131.0	3136.0	3160.0
16.5	3102.0	3119.0	3120.0	3128.0	3150.0
17.0	3093.0	3112.0	3112.0	3120.0	3139.0
17.5	3080.0	3103.0	3102.0	3110.0	3131.0
18.0	3070.0	3091.0	3094.0	3101.0	3123.0
18.5	3064.0	3083.0	3085.0	3088.0	3112.0
19.0	3053.0	3071.0	3075.0	3082.0	3107.0
19.5	3044.0	3062.0	3065.0	3073.0	3097.0
20.0	3034.0	3049.0	3056.0	3061.0	3088.0
20.5	3020.0	3040.0	3047.0	3053.0	3069.0
21.0	3009.0	3031.0	3031.0	3045.0	3067.0
21.5	3007.0	3017.0	3023.0	3036.0	3054.0
22.0	2989.0	3002.0	3014.0	3022.0	3047.0
22.5	2980.0	2993.0	3003.0	3012.0	3038.0
23.0	2971.0	2981.0	2988.0	2997.0	3024.0
23.5	2959.0	2969.0	2982.0	2985.0	3009.0
24.0	2946.0	2960.0	2966.0	2976.0	2999.0
24.5	2947.0	2940.0	2952.0	2959.0	2983.0
25.0	2933.0	2931.0	2938.0	2951.0	2974.0
25.5	2897.0	2917.0	2928.0	2929.0	2959.0
26.0	2898.0	2904.0	2912.0	2924.0	2959.0
26.5	2873.0	2896.0	2901.0	2912.0	2939.0

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CANDELA TABULATION - (Cont.)

27.0	2865.0	2882.0	2888.0	2899.0	2919.0
27.5	2851.0	2857.0	2878.0	2888.0	2912.0
28.0	2843.0	2840.0	2863.0	2865.0	2893.0
28.5	2823.0	2837.0	2844.0	2860.0	2887.0
29.0	2805.0	2816.0	2835.0	2847.0	2872.0
29.5	2791.0	2805.0	2814.0	2828.0	2866.0
30.0	2769.0	2788.0	2802.0	2819.0	2847.0
30.5	2749.0	2776.0	2784.0	2802.0	2830.0
31.0	2742.0	2757.0	2769.0	2784.0	2813.0
31.5	2718.0	2747.0	2759.0	2772.0	2797.0
32.0	2703.0	2720.0	2734.0	2761.0	2789.0
32.5	2690.0	2707.0	2725.0	2746.0	2764.0
33.0	2679.0	2687.0	2707.0	2730.0	2751.0
33.5	2657.0	2674.0	2695.0	2713.0	2746.0
34.0	2647.0	2658.0	2673.0	2697.0	2717.0
34.5	2628.0	2637.0	2664.0	2687.0	2702.0
35.0	2607.0	2622.0	2641.0	2666.0	2689.0
35.5	2584.0	2609.0	2623.0	2644.0	2669.0
36.0	2578.0	2586.0	2611.0	2624.0	2658.0
36.5	2543.0	2570.0	2588.0	2616.0	2629.0
37.0	2537.0	2550.0	2567.0	2600.0	2627.0
37.5	2516.0	2535.0	2557.0	2577.0	2603.0
38.0	2498.0	2515.0	2540.0	2564.0	2589.0
38.5	2474.0	2490.0	2525.0	2544.0	2573.0
39.0	2456.0	2476.0	2503.0	2527.0	2549.0
39.5	2434.0	2458.0	2483.0	2505.0	2533.0
40.0	2417.0	2440.0	2468.0	2490.0	2507.0
40.5	2393.0	2418.0	2448.0	2471.0	2505.0
41.0	2377.0	2396.0	2425.0	2456.0	2469.0
41.5	2355.0	2377.0	2404.0	2433.0	2453.0
42.0	2332.0	2358.0	2389.0	2416.0	2441.0
42.5	2311.0	2339.0	2371.0	2394.0	2427.0
43.0	2290.0	2318.0	2346.0	2375.0	2402.0
43.5	2269.0	2295.0	2327.0	2357.0	2381.0
44.0	2244.0	2274.0	2308.0	2340.0	2360.0
44.5	2223.0	2251.0	2288.0	2320.0	2348.0
45.0	2200.0	2232.0	2268.0	2298.0	2330.0
45.5	2178.0	2209.0	2245.0	2280.0	2312.0
46.0	2155.0	2187.0	2225.0	2264.0	2291.0
46.5	2130.0	2166.0	2203.0	2243.0	2278.0
47.0	2110.0	2145.0	2179.0	2220.0	2256.0
47.5	2087.0	2122.0	2159.0	2203.0	2239.0
48.0	2063.0	2100.0	2139.0	2184.0	2221.0
48.5	2039.0	2077.0	2116.0	2164.0	2200.0
49.0	2016.0	2054.0	2093.0	2147.0	2182.0
49.5	1992.0	2030.0	2070.0	2128.0	2162.0
50.0	1968.0	2009.0	2049.0	2108.0	2145.0
50.5	1943.0	1985.0	2026.0	2089.0	2125.0
51.0	1920.0	1960.0	2004.0	2069.0	2105.0
51.5	1896.0	1938.0	1980.0	2051.0	2085.0
52.0	1872.0	1914.0	1959.0	2030.0	2068.0
52.5	1847.0	1889.0	1936.0	2010.0	2047.0
53.0	1826.0	1865.0	1914.0	1991.0	2028.0
53.5	1800.0	1842.0	1890.0	1972.0	2007.0
54.0	1774.0	1817.0	1869.0	1952.0	1989.0
54.5	1750.0	1790.0	1846.0	1931.0	1968.0

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CANDELA TABULATION - (Cont.)

55.0	1725.0	1766.0	1824.0	1912.0	1948.0
55.5	1699.0	1742.0	1801.0	1891.0	1930.0
56.0	1674.0	1717.0	1779.0	1870.0	1909.0
56.5	1648.0	1692.0	1757.0	1850.0	1891.0
57.0	1623.0	1666.0	1733.0	1829.0	1870.0
57.5	1598.0	1640.0	1712.0	1811.0	1850.0
58.0	1569.0	1614.0	1690.0	1789.0	1830.0
58.5	1544.0	1587.0	1667.0	1768.0	1812.0
59.0	1516.0	1562.0	1646.0	1748.0	1790.0
59.5	1492.0	1537.0	1622.0	1728.0	1772.0
60.0	1466.0	1510.0	1600.0	1708.0	1750.0
60.5	1440.0	1483.0	1578.0	1687.0	1731.0
61.0	1413.0	1457.0	1555.0	1666.0	1712.0
61.5	1387.0	1430.0	1533.0	1648.0	1693.0
62.0	1359.0	1404.0	1509.0	1627.0	1675.0
62.5	1331.0	1377.0	1486.0	1607.0	1656.0
63.0	1304.0	1349.0	1464.0	1588.0	1637.0
63.5	1278.0	1323.0	1442.0	1569.0	1618.0
64.0	1250.0	1295.0	1419.0	1548.0	1599.0
64.5	1223.0	1270.0	1395.0	1529.0	1580.0
65.0	1197.0	1243.0	1372.0	1510.0	1563.0
65.5	1172.0	1216.0	1351.0	1491.0	1543.0
66.0	1144.0	1190.0	1330.0	1472.0	1525.0
66.5	1115.0	1164.0	1308.0	1453.0	1505.0
67.0	1087.0	1137.0	1285.0	1435.0	1487.0
67.5	1058.0	1111.0	1263.0	1414.0	1468.0
68.0	1029.0	1084.0	1242.0	1395.0	1448.0
68.5	1000.0	1058.0	1223.0	1376.0	1430.0
69.0	970.9	1031.0	1202.0	1357.0	1411.0
69.5	941.7	1005.0	1183.0	1337.0	1392.0
70.0	912.3	978.9	1161.0	1320.0	1375.0
70.5	883.5	953.6	1141.0	1301.0	1357.0
71.0	854.5	928.2	1122.0	1280.0	1337.0
71.5	825.6	903.1	1102.0	1262.0	1317.0
72.0	797.0	878.0	1081.0	1243.0	1299.0
72.5	768.7	853.4	1061.0	1227.0	1281.0
73.0	740.1	828.7	1041.0	1208.0	1262.0
73.5	711.7	803.6	1021.0	1188.0	1244.0
74.0	682.9	779.4	1001.0	1170.0	1227.0
74.5	654.7	754.7	981.4	1152.0	1207.0
75.0	626.8	730.7	961.8	1134.0	1188.0
75.5	598.9	706.9	942.2	1116.0	1171.0
76.0	571.5	683.6	922.5	1097.0	1154.0
76.5	544.1	660.5	902.7	1078.0	1135.0
77.0	517.3	637.9	883.3	1059.0	1117.0
77.5	490.5	615.7	863.9	1041.0	1098.0
78.0	464.4	594.1	844.7	1022.0	1080.0
78.5	438.2	572.8	825.7	1003.0	1061.0
79.0	413.0	551.8	806.6	984.3	1043.0
79.5	388.1	531.4	787.5	965.7	1024.0
80.0	363.4	511.4	768.6	947.3	1006.0
80.5	339.1	491.5	749.8	928.7	988.1
81.0	315.7	472.0	731.1	910.0	970.0
81.5	292.5	453.0	712.6	891.9	952.1
82.0	269.6	434.4	694.6	873.5	933.8
82.5	247.5	416.2	676.9	855.4	916.1

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CANDELA TABULATION - (Cont.)

83.0	225.7	398.1	658.8	837.5	898.0
83.5	204.4	380.5	641.2	819.6	880.6
84.0	183.8	363.3	623.7	801.8	863.2
84.5	163.8	346.6	606.4	783.2	846.3
85.0	144.5	330.1	589.2	765.8	829.0
85.5	125.9	314.2	572.3	748.9	811.8
86.0	107.9	298.5	555.5	732.5	795.4
86.5	90.2	283.6	539.1	716.0	778.9
87.0	73.1	269.0	523.1	700.5	763.3
87.5	57.0	255.2	508.3	685.6	748.3
88.0	41.9	242.5	494.2	671.9	734.1
88.5	28.9	230.7	481.7	659.0	721.3
89.0	18.5	220.2	469.8	647.1	709.4
89.5	11.6	211.3	459.6	636.1	698.0
90.0	8.0	203.7	449.8	625.6	687.2
90.5	6.9	197.3	441.2	615.9	677.3
91.0	7.1	191.7	433.2	607.0	668.1
91.5	7.4	186.7	426.0	598.6	659.7
92.0	7.8	182.2	419.8	591.3	652.0
92.5	8.2	177.8	413.7	584.4	644.8
93.0	8.5	173.5	407.7	577.6	638.0
93.5	8.9	169.6	402.0	571.0	630.9
94.0	9.3	165.7	396.3	564.4	624.1
94.5	9.9	161.9	390.8	557.7	617.6
95.0	10.5	158.2	385.3	551.1	610.8
95.5	10.9	154.9	379.6	544.6	604.0
96.0	11.2	151.4	373.9	538.1	597.2
96.5	11.6	148.3	368.3	531.6	590.5
97.0	12.1	145.1	362.6	525.1	583.7
97.5	12.6	142.4	357.1	518.7	576.9
98.0	13.1	139.7	351.8	512.4	570.3
98.5	14.0	137.4	346.4	506.0	563.7
99.0	15.0	135.3	341.1	499.7	557.1
99.5	15.9	133.7	336.0	493.5	550.6
100.0	16.6	132.3	330.8	487.3	544.1
100.5	17.2	131.1	325.8	481.1	537.6
101.0	17.9	130.1	321.0	475.1	530.9
101.5	18.6	129.5	316.1	468.9	524.4
102.0	19.3	129.3	311.4	462.8	517.9
102.5	20.2	129.2	306.8	456.5	511.4
103.0	21.1	129.3	302.2	450.6	505.0
103.5	22.2	129.7	297.7	444.6	498.5
104.0	23.2	130.0	293.4	438.7	492.2
104.5	24.3	130.2	289.1	432.7	485.7
105.0	25.3	130.4	284.9	427.0	479.7
105.5	26.4	130.8	281.1	421.0	473.5
106.0	27.4	131.1	277.4	415.2	467.3
106.5	28.4	131.6	273.9	409.5	461.2
107.0	29.3	131.9	270.7	403.8	455.1
107.5	30.2	132.3	267.5	398.2	448.9
108.0	31.1	132.8	264.6	392.7	442.6
108.5	32.0	133.2	261.7	387.2	437.0
109.0	33.0	133.7	259.3	382.0	431.2
109.5	34.0	134.0	256.7	376.8	425.1
110.0	34.9	134.4	254.5	372.1	419.3
110.5	36.0	134.6	252.8	367.2	413.7

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CANDELA TABULATION - (Cont.)

111.0	36.9	134.7	251.6	362.8	408.2
111.5	37.9	134.9	250.3	358.4	403.0
112.0	38.9	135.2	249.4	354.1	398.0
112.5	39.8	135.3	248.6	349.8	393.2
113.0	40.8	135.3	248.0	346.0	388.2
113.5	41.7	135.2	247.5	342.2	383.5
114.0	42.7	135.3	246.9	338.8	379.0
114.5	43.7	135.5	246.6	335.4	374.9
115.0	44.6	135.7	246.3	332.3	370.7
115.5	45.6	135.8	246.0	329.5	366.7
116.0	46.6	136.1	245.8	326.9	363.1
116.5	47.5	136.2	245.3	324.8	359.4
117.0	48.4	136.4	245.0	322.9	356.2
117.5	49.3	136.5	244.3	321.3	353.7
118.0	50.1	136.5	243.9	319.6	351.2
118.5	50.9	136.6	243.4	318.4	348.9
119.0	51.8	136.7	242.8	317.1	346.7
119.5	52.4	136.8	242.2	315.8	344.6
120.0	53.0	137.0	241.5	314.5	342.5
120.5	53.7	137.1	240.8	313.4	340.6
121.0	54.3	137.1	240.1	312.6	339.1
121.5	55.0	137.2	239.4	311.6	337.3
122.0	55.7	137.1	238.6	310.6	335.7
122.5	56.3	136.8	237.8	309.3	334.2
123.0	56.9	136.8	237.2	308.2	332.6
123.5	57.4	136.4	236.2	306.8	330.9
124.0	58.0	135.8	234.6	305.6	329.5
124.5	58.5	134.8	232.7	304.5	327.9
125.0	59.0	133.6	230.6	303.3	326.3
125.5	59.5	133.2	229.2	302.0	324.9
126.0	60.1	133.0	228.6	300.6	323.8
126.5	60.6	133.9	228.4	299.2	322.7
127.0	61.1	134.7	228.1	297.8	321.5
127.5	61.5	134.9	227.5	296.6	320.3
128.0	62.0	134.4	226.7	295.2	319.0
128.5	62.5	133.7	226.2	294.0	317.7
129.0	63.0	133.1	225.3	292.7	316.2
129.5	63.4	132.5	224.5	291.4	314.6
130.0	63.9	131.8	223.5	289.8	313.1
130.5	64.4	131.1	222.3	288.4	311.4
131.0	64.9	130.3	221.1	287.0	309.9
131.5	65.3	129.5	219.7	285.2	308.1
132.0	65.7	128.8	218.1	283.6	306.6
132.5	66.1	128.0	216.3	282.0	304.7
133.0	66.4	127.2	214.6	280.1	303.1
133.5	66.7	126.3	212.2	277.6	301.1
134.0	67.1	125.5	210.1	275.0	299.1
134.5	67.4	124.8	208.1	272.0	297.5
135.0	67.7	124.0	206.1	269.4	295.4
135.5	68.1	123.1	204.5	267.3	293.5
136.0	68.4	122.3	202.7	266.0	291.4
136.5	68.6	121.4	201.0	264.8	289.4
137.0	69.0	120.5	199.1	263.1	287.3
137.5	69.3	119.6	196.9	261.7	285.2
138.0	69.5	118.8	194.5	260.1	283.1
138.5	69.7	117.8	191.8	258.3	281.2

**IES INDOOR REPORT
PHOTOMETRIC FILENAME : HIGH-4-835-U10-SM-WP.IES**

CANDELA TABULATION - (Cont.)

139.0	70.1	116.9	188.9	256.4	279.0
139.5	70.3	115.9	186.7	254.5	276.8
140.0	70.6	115.0	184.8	252.8	274.7
140.5	70.8	114.0	183.3	250.9	272.5
141.0	71.1	113.2	181.3	249.0	270.4
141.5	71.2	112.1	179.5	247.2	268.1
142.0	71.8	111.2	177.6	245.1	265.8
142.5	72.6	110.5	176.6	243.1	263.6
143.0	73.4	109.7	175.7	241.2	261.3
143.5	74.3	109.1	175.0	239.3	258.3
144.0	75.2	108.5	174.3	237.0	254.4
144.5	76.2	107.7	173.1	234.7	250.0
145.0	77.2	107.0	171.6	232.2	246.1
145.5	78.2	106.3	170.2	229.6	242.9
146.0	79.2	105.6	168.7	227.1	240.3
146.5	80.2	105.1	167.2	224.5	238.6
147.0	81.1	104.7	165.4	221.5	237.7
147.5	81.9	104.2	163.7	218.3	236.0
148.0	82.8	103.7	161.9	215.2	234.0
148.5	83.6	103.1	160.0	212.0	232.1
149.0	84.5	102.5	158.4	209.0	229.8
149.5	85.5	101.9	156.5	205.8	227.7
150.0	86.6	101.1	154.7	202.5	225.4
150.5	87.4	100.3	152.8	198.7	223.2
151.0	88.2	99.5	150.8	194.5	221.1
151.5	89.0	98.8	148.9	190.8	218.9
152.0	89.7	98.3	147.0	187.3	216.5
152.5	90.4	97.9	144.9	184.0	214.2
153.0	91.1	97.5	143.0	181.0	211.6
153.5	91.8	97.1	141.1	178.6	209.5
154.0	92.5	96.6	139.1	176.2	207.2
154.5	93.2	96.0	137.1	173.8	204.7
155.0	94.1	95.5	135.0	171.5	202.5
155.5	94.9	95.0	133.1	169.1	200.2
156.0	95.7	94.5	131.2	166.4	197.8
156.5	96.4	94.0	129.2	163.5	195.5
157.0	97.1	93.5	127.6	160.7	192.9
157.5	98.0	92.9	125.9	157.7	190.3
158.0	99.0	92.5	124.1	154.4	187.5
158.5	100.0	92.2	122.5	150.6	184.7
159.0	101.0	92.1	120.7	146.8	181.7
159.5	101.8	92.1	119.1	143.1	178.7
160.0	102.5	92.6	117.4	139.7	175.2
160.5	103.3	93.8	115.4	136.2	171.9
161.0	104.2	95.3	113.6	132.9	168.5
161.5	105.0	96.8	111.9	130.0	164.6
162.0	105.9	98.2	110.2	127.1	161.1
162.5	106.9	99.5	108.7	124.0	157.7
163.0	107.6	100.7	107.2	120.8	154.5
163.5	108.1	101.4	105.5	117.5	151.2
164.0	108.7	101.8	103.8	114.1	148.0
164.5	109.4	101.8	102.2	110.6	145.0
165.0	110.1	101.9	100.6	107.5	141.3
165.5	110.9	102.3	99.2	104.8	137.5
166.0	111.7	102.9	97.8	102.1	133.4
166.5	112.6	103.7	96.6	99.4	130.1

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	113.4	104.6	95.5	96.9	127.3
167.5	114.2	105.6	94.5	94.2	124.8
168.0	115.0	106.6	94.1	91.9	122.2
168.5	115.8	107.9	94.7	89.7	119.8
169.0	116.7	109.3	96.7	87.6	117.0
169.5	117.5	111.1	99.3	85.9	112.0
170.0	118.0	113.1	101.0	84.5	99.7
170.5	118.4	114.7	102.0	83.4	84.7
171.0	118.7	116.2	102.3	83.0	77.0
171.5	119.0	117.3	101.9	84.3	75.8
172.0	119.3	118.0	101.0	86.8	77.2
172.5	119.8	118.5	100.5	88.2	77.1
173.0	119.9	119.0	100.4	88.1	69.1
173.5	120.2	119.4	101.1	87.2	57.4
174.0	120.7	119.5	103.1	86.0	48.6
174.5	121.1	119.8	105.4	85.3	45.7
175.0	121.3	119.9	107.9	86.1	45.1
175.5	121.6	120.0	109.7	88.5	44.9
176.0	122.1	120.2	111.1	91.4	46.5
176.5	122.4	120.5	112.2	93.5	48.8
177.0	122.7	120.8	112.7	94.4	51.1
177.5	122.9	121.1	113.1	94.4	52.0
178.0	123.0	121.4	113.6	94.2	52.2
178.5	123.1	121.7	113.9	94.2	52.6
179.0	123.4	121.9	114.3	94.2	53.0
179.5	123.2	122.0	114.5	94.4	53.4
180.0	104.9	104.9	104.9	104.9	104.9

IES INDOOR REPORT
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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1197.47	N.A.	10.00
0-30	2553.9	N.A.	21.30
0-40	4208.36	N.A.	35.00
0-60	7597.53	N.A.	63.20
0-80	9949.38	N.A.	82.80
0-90	10549.31	N.A.	87.80
10-90	10240.37	N.A.	85.20
20-40	3010.89	N.A.	25.10
20-50	4759.4	N.A.	39.60
40-70	4753.15	N.A.	39.60
60-80	2351.86	N.A.	19.60
70-80	987.88	N.A.	8.20
80-90	599.93	N.A.	5.00
90-110	675.92	N.A.	5.60
90-120	906.40	N.A.	7.50
90-130	1100.13	N.A.	9.20
90-150	1357.7	N.A.	11.30
90-180	1462.97	N.A.	12.20
110-180	787.05	N.A.	6.60
0-180	12012.28	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	308.95
10-20	888.52
20-30	1356.44
30-40	1654.46
40-50	1748.5
50-60	1640.66
60-70	1363.98
70-80	987.88
80-90	599.93
90-100	384.90
100-110	291.02
110-120	230.48
120-130	193.73
130-140	151.74
140-150	105.84
150-160	64.11
160-170	31.54
170-180	9.61

IES INDOOR REPORT
PHOTOMETRIC FILENAME : HIGH-4-835-U10-SM-WP.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
0	116	116	116	116	112	112	112	112	104	104	104	97	97	97	91	91	91	88
1	104	99	94	90	100	95	91	87	89	85	82	83	80	77	77	75	73	70
2	94	85	78	72	90	82	76	70	77	71	66	72	67	63	67	63	60	57
3	86	74	66	59	82	72	64	58	67	60	55	63	57	53	59	54	50	47
4	78	66	56	49	75	63	55	48	59	52	46	56	49	45	52	47	43	40
5	72	58	49	42	69	57	48	41	53	46	40	50	43	38	47	41	37	34
6	66	52	43	37	63	51	42	36	48	40	35	45	38	33	42	37	32	30
7	61	47	38	32	59	46	38	32	43	36	31	41	34	30	38	33	29	26
8	57	43	35	29	55	42	34	28	40	32	27	37	31	26	35	30	25	23
9	53	39	31	26	51	38	31	25	36	29	24	34	28	24	33	27	23	21
10	50	36	28	23	48	35	28	23	34	27	22	32	26	21	30	25	21	19

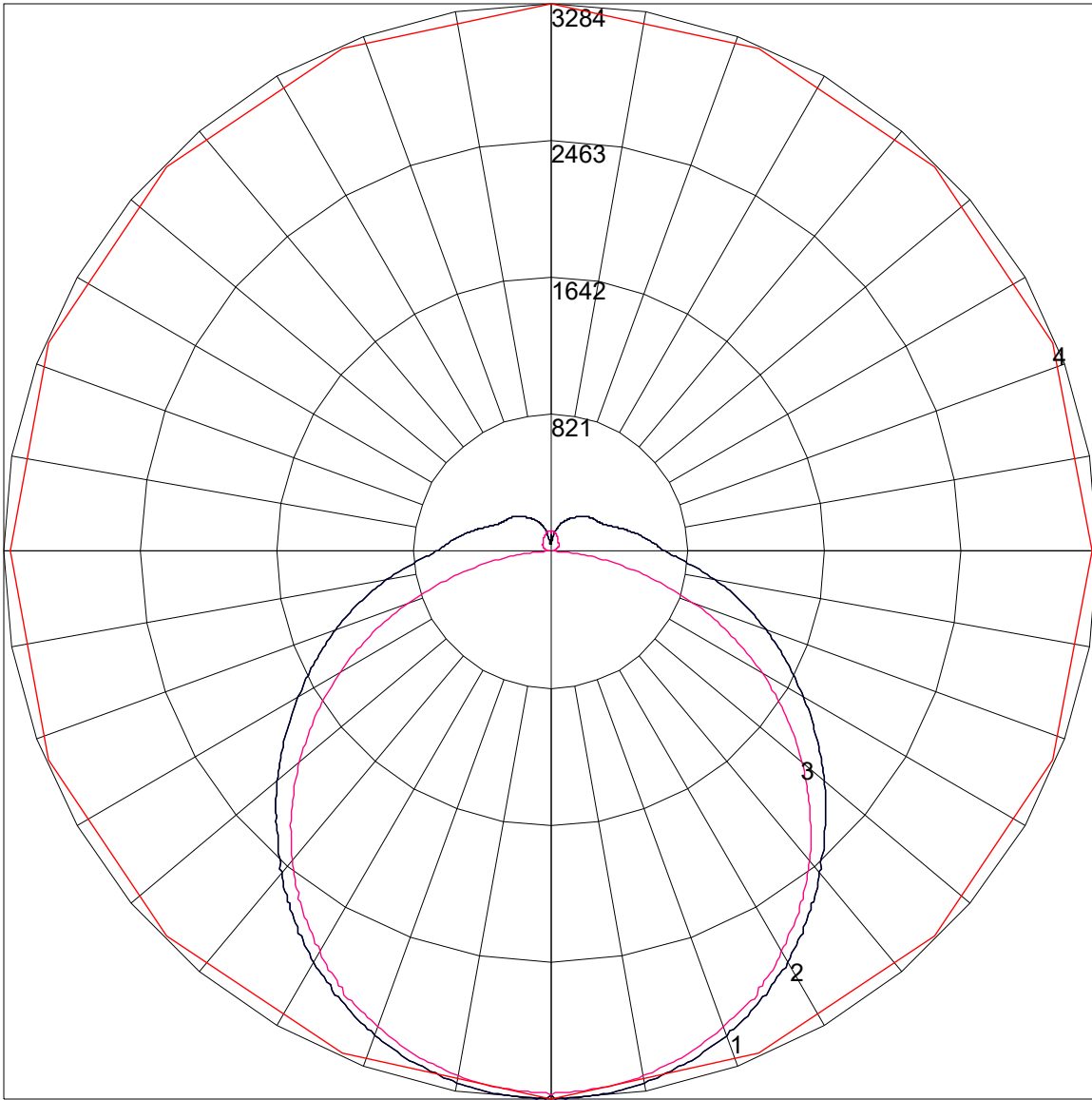
IES INDOOR REPORT
PHOTOMETRIC FILENAME : HIGH-4-835-U10-SM-WP.IES

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	22.2	23.7	22.8	24.2	24.8	23.9	25.4	24.5	25.9	26.5
	3H	23.7	25.1	24.3	25.6	26.3	26.4	27.7	26.9	28.3	28.9
	4H	24.2	25.5	24.8	26.1	26.7	27.6	28.9	28.2	29.4	30.1
	6H	24.5	25.7	25.1	26.3	26.9	28.9	30.0	29.4	30.6	31.3
	8H	24.6	25.7	25.2	26.3	27.0	29.5	30.6	30.1	31.2	31.9
	12H	24.6	25.7	25.2	26.3	27.0	30.2	31.2	30.8	31.8	32.5
4H	2H	23.0	24.3	23.6	24.8	25.5	24.3	25.6	24.9	26.2	26.8
	3H	24.8	25.8	25.4	26.4	27.1	27.0	28.1	27.6	28.7	29.4
	4H	25.4	26.4	26.0	27.0	27.7	28.4	29.4	29.0	30.0	30.7
	6H	25.8	26.6	26.4	27.3	28.0	29.9	30.7	30.5	31.4	32.1
	8H	25.9	26.7	26.5	27.3	28.1	30.6	31.4	31.2	32.0	32.8
	12H	26.0	26.7	26.6	27.3	28.1	31.4	32.1	32.0	32.8	33.5
8H	4H	26.0	26.8	26.6	27.4	28.2	28.6	29.4	29.3	30.1	30.8
	6H	26.6	27.3	27.2	27.9	28.7	30.2	30.9	30.9	31.6	32.3
	8H	26.8	27.4	27.5	28.1	28.8	31.1	31.7	31.8	32.4	33.1
	12H	26.9	27.4	27.6	28.1	28.9	32.1	32.6	32.7	33.3	34.1
12H	4H	26.2	26.9	26.8	27.6	28.3	28.6	29.4	29.3	30.0	30.8
	6H	26.9	27.5	27.5	28.1	28.9	30.3	30.9	31.0	31.5	32.3
	8H	27.1	27.7	27.8	28.3	29.2	31.2	31.7	31.9	32.4	33.2

Maximum UGR = 34.1

POLAR GRAPH



- Maximum Candela = 3284 Located At Horizontal Angle = 90, Vertical Angle = 1.5
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 (1.5) (Through Max. Cd.)