



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

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] 14298494.04_modified to 2ft length
 [TESTLAB] UL LLC
 [ISSUEDATE] 4/29/2022
 [MANUFAC] Lux Dynamics
 [LUMCAT] HIGH-2-835-U10-SM-CA
 [LUMINAIRE] HIGH Line LED Fixture, 2' Length, 3500K, Clear Acrylic Lens
 [LAMP] White LED array
 [BALLAST] One (1) OSRAM OPTOTRONIC OTi 85/120-277/2A3 DIM L HB
 [OTHER] -
 [MORE]
 [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	8309
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	155
Total Luminaire Watts	53.566
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.28
Spacing Criterion (90-270)	1.32
Spacing Criterion (Diagonal)	1.38
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	58380	48488	48131
55	48900	42312	48115
65	35570	42141	46213
75	20036	37055	33393
85	7898	29389	23427

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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	2482.50	2482.50	2482.50	2482.50	2482.50
0.5	2461.50	2482.50	2484.00	2483.00	2499.00
1.0	2461.50	2483.00	2484.50	2485.00	2502.00
1.5	2460.00	2483.00	2486.50	2488.00	2506.00
2.0	2460.00	2482.50	2488.50	2492.50	2511.00
2.5	2459.50	2482.50	2491.00	2496.50	2515.00
3.0	2458.00	2483.00	2493.50	2500.50	2520.00
3.5	2456.50	2483.00	2496.00	2504.00	2521.50
4.0	2454.50	2483.50	2499.50	2506.00	2523.50
4.5	2452.00	2483.50	2500.50	2507.50	2526.50
5.0	2450.50	2484.00	2502.50	2512.50	2534.50
5.5	2448.50	2484.00	2504.00	2518.50	2543.00
6.0	2446.50	2484.50	2506.00	2527.00	2553.00
6.5	2444.00	2484.50	2508.00	2535.50	2564.00
7.0	2441.50	2484.00	2511.50	2545.00	2573.00
7.5	2439.50	2483.50	2516.50	2552.50	2580.50
8.0	2436.00	2483.00	2521.50	2560.00	2586.50
8.5	2433.00	2481.50	2526.00	2563.50	2589.50
9.0	2429.50	2480.00	2531.50	2566.00	2590.00
9.5	2427.50	2478.50	2535.00	2567.50	2590.50
10.0	2424.00	2477.50	2538.00	2565.50	2588.00
10.5	2420.00	2475.00	2540.00	2563.50	2583.50
11.0	2415.00	2474.00	2541.00	2560.50	2575.50
11.5	2412.50	2472.00	2540.50	2554.00	2567.50
12.0	2407.00	2471.00	2538.50	2547.00	2560.00
12.5	2403.00	2469.50	2536.00	2538.50	2551.00
13.0	2398.00	2467.50	2532.00	2530.00	2543.50
13.5	2393.00	2467.00	2526.00	2521.50	2535.00
14.0	2389.00	2464.50	2520.50	2513.00	2527.00
14.5	2384.00	2462.50	2513.50	2504.00	2520.50
15.0	2379.50	2460.00	2505.50	2494.50	2517.00
15.5	2373.00	2457.50	2496.00	2487.50	2513.50
16.0	2368.00	2454.00	2486.00	2482.00	2512.50
16.5	2361.50	2450.50	2475.00	2476.50	2510.00
17.0	2356.50	2446.00	2464.50	2473.50	2509.00
17.5	2351.00	2441.00	2453.50	2470.00	2504.50
18.0	2345.00	2434.50	2442.00	2466.50	2500.00
18.5	2338.00	2428.00	2431.00	2461.00	2494.00
19.0	2332.50	2421.50	2421.50	2455.00	2487.00
19.5	2326.00	2414.50	2410.00	2449.00	2479.00
20.0	2319.50	2406.00	2401.00	2442.00	2469.00
20.5	2312.50	2398.00	2392.50	2434.50	2458.50
21.0	2305.50	2387.50	2384.00	2425.50	2444.00
21.5	2298.00	2378.00	2375.00	2416.00	2429.00
22.0	2289.50	2367.00	2366.50	2403.00	2416.00
22.5	2280.50	2356.00	2358.50	2389.50	2403.00
23.0	2273.00	2344.00	2350.00	2375.00	2392.50
23.5	2264.00	2331.50	2341.00	2360.00	2383.50
24.0	2255.50	2318.00	2330.00	2346.50	2371.50
24.5	2247.50	2303.50	2320.50	2335.50	2360.00
25.0	2237.50	2290.00	2309.50	2325.00	2345.00
25.5	2228.50	2274.50	2298.00	2313.00	2331.00
26.0	2219.00	2259.50	2286.00	2301.00	2315.00
26.5	2209.50	2243.00	2274.00	2288.00	2298.50

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CANDELA TABULATION - (Cont.)

27.0	2199.00	2227.00	2261.50	2274.00	2282.50
27.5	2189.50	2210.50	2247.00	2260.00	2265.50
28.0	2179.00	2192.50	2231.50	2245.00	2247.00
28.5	2168.00	2175.00	2215.50	2230.50	2229.00
29.0	2157.50	2157.50	2199.00	2215.00	2211.50
29.5	2145.50	2140.50	2181.00	2198.00	2196.00
30.0	2134.50	2123.50	2163.50	2180.50	2182.50
30.5	2121.50	2105.50	2147.00	2163.50	2168.00
31.0	2109.50	2089.00	2131.00	2147.00	2154.50
31.5	2095.00	2072.00	2117.00	2131.00	2142.00
32.0	2083.50	2054.50	2101.50	2116.00	2130.50
32.5	2069.00	2039.00	2087.00	2102.50	2119.00
33.0	2054.50	2022.00	2071.00	2088.50	2110.00
33.5	2041.00	2005.00	2057.00	2074.00	2099.50
34.0	2027.50	1987.50	2042.00	2059.50	2091.00
34.5	2011.50	1972.00	2026.50	2045.00	2081.50
35.0	1996.00	1953.50	2011.50	2033.00	2069.50
35.5	1980.00	1937.50	1996.50	2020.50	2059.00
36.0	1963.00	1920.00	1980.00	2008.50	2045.50
36.5	1948.00	1899.00	1964.50	1996.50	2029.50
37.0	1930.50	1881.50	1950.50	1984.00	2012.00
37.5	1914.00	1863.50	1933.00	1970.50	1993.50
38.0	1896.50	1845.00	1915.50	1957.00	1973.00
38.5	1877.50	1824.50	1899.50	1941.00	1953.50
39.0	1853.00	1807.50	1884.00	1924.50	1934.50
39.5	1840.50	1790.00	1867.50	1905.00	1916.00
40.0	1821.00	1767.50	1847.00	1885.00	1899.00
40.5	1801.50	1749.00	1833.00	1865.50	1883.00
41.0	1776.00	1726.00	1815.50	1845.00	1865.00
41.5	1753.50	1711.00	1794.00	1826.50	1852.00
42.0	1736.00	1687.00	1777.00	1806.50	1834.50
42.5	1718.50	1671.00	1762.00	1791.00	1817.00
43.0	1690.50	1648.00	1741.00	1772.50	1800.50
43.5	1664.50	1627.50	1723.00	1759.00	1789.50
44.0	1646.00	1605.50	1704.00	1742.00	1780.50
44.5	1621.50	1584.50	1684.00	1720.50	1771.50
45.0	1596.50	1561.00	1668.50	1708.50	1765.00
45.5	1577.00	1541.00	1652.50	1695.50	1758.50
46.0	1549.00	1520.50	1630.50	1677.50	1755.50
46.5	1527.50	1501.00	1612.50	1666.50	1756.50
47.0	1502.00	1479.00	1590.50	1659.50	1758.50
47.5	1478.00	1457.00	1570.50	1654.50	1770.50
48.0	1454.50	1436.50	1548.50	1649.50	1772.00
48.5	1430.00	1414.50	1528.50	1648.50	1780.00
49.0	1405.50	1392.00	1508.50	1647.00	1792.00
49.5	1379.50	1371.00	1488.00	1653.50	1796.50
50.0	1354.50	1350.00	1468.50	1657.00	1790.50
50.5	1330.50	1327.50	1449.00	1661.00	1788.00
51.0	1305.50	1305.50	1429.50	1669.50	1778.00
51.5	1280.00	1284.00	1410.50	1674.00	1759.00
52.0	1255.00	1262.50	1393.00	1671.50	1739.00
52.5	1230.50	1241.00	1375.00	1670.50	1713.50
53.0	1205.50	1220.00	1358.00	1665.00	1695.00
53.5	1180.50	1198.50	1342.00	1649.50	1667.00
54.0	1155.00	1177.50	1327.50	1634.00	1642.00
54.5	1129.50	1155.50	1313.50	1615.00	1620.00

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CANDELA TABULATION - (Cont.)

55.0	1104.00	1134.50	1301.50	1593.00	1606.00
55.5	1079.50	1112.50	1291.50	1572.00	1595.00
56.0	1053.50	1091.00	1282.50	1549.50	1585.50
56.5	1027.50	1069.00	1277.00	1531.00	1577.50
57.0	1003.50	1046.50	1271.00	1514.00	1573.50
57.5	977.50	1025.00	1266.00	1499.50	1564.00
58.0	952.00	1003.00	1261.00	1485.50	1561.00
58.5	927.00	981.50	1255.50	1474.50	1557.00
59.0	902.00	960.50	1249.00	1464.50	1548.50
59.5	877.50	939.00	1240.00	1455.00	1536.50
60.0	852.50	918.00	1230.00	1446.50	1522.50
60.5	827.50	897.50	1218.50	1435.50	1509.00
61.0	801.50	876.50	1206.00	1425.00	1492.00
61.5	777.50	856.50	1192.50	1411.50	1478.50
62.0	752.50	836.50	1178.50	1398.00	1464.00
62.5	729.00	816.00	1165.00	1383.50	1447.00
63.0	705.00	796.50	1151.50	1368.00	1431.00
63.5	680.00	778.00	1139.00	1352.50	1413.00
64.0	655.50	758.00	1128.00	1337.00	1391.00
64.5	632.50	739.50	1115.00	1322.00	1368.00
65.0	609.00	721.00	1103.00	1305.50	1343.50
65.5	586.50	703.00	1092.00	1288.50	1317.50
66.0	563.00	684.50	1079.50	1269.50	1289.50
66.5	540.00	667.00	1067.50	1250.50	1260.00
67.0	517.50	651.00	1054.00	1228.50	1231.00
67.5	495.10	634.50	1039.50	1207.00	1202.50
68.0	473.30	618.50	1024.50	1184.50	1172.50
68.5	451.70	604.00	1009.50	1161.50	1142.50
69.0	430.75	589.50	994.00	1138.00	1113.00
69.5	410.35	575.00	977.00	1114.50	1084.50
70.0	390.50	560.50	960.00	1089.50	1054.00
70.5	371.20	546.00	942.50	1065.00	1026.00
71.0	352.30	531.50	924.00	1039.50	997.50
71.5	333.85	517.00	904.50	1013.50	970.00
72.0	316.55	502.50	886.00	988.50	942.50
72.5	299.60	488.20	866.50	963.00	916.50
73.0	283.35	473.65	847.00	938.00	891.50
73.5	267.55	459.10	827.00	913.50	867.50
74.0	252.20	444.70	807.50	889.00	843.50
74.5	237.50	430.25	789.00	863.50	820.00
75.0	223.30	415.95	770.50	840.00	797.50
75.5	209.85	401.45	751.50	816.00	776.00
76.0	196.80	387.20	733.00	793.00	754.00
76.5	184.40	372.95	715.00	769.50	733.50
77.0	172.45	359.10	696.50	747.00	713.50
77.5	161.00	345.10	679.00	725.50	691.50
78.0	150.05	331.40	661.00	704.00	672.50
78.5	139.55	317.85	644.00	682.50	652.50
79.0	129.50	304.50	627.00	663.00	632.50
79.5	119.85	291.30	610.50	643.50	613.50
80.0	110.50	278.40	595.00	623.50	597.00
80.5	101.50	265.45	579.00	605.00	579.00
81.0	93.05	253.10	563.00	586.50	559.50
81.5	85.05	240.95	546.50	568.00	541.50
82.0	77.20	229.00	530.00	550.00	524.00
82.5	69.80	217.55	513.50	532.50	506.00

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CANDELA TABULATION - (Cont.)

83.0	62.80	206.45	497.35	515.50	488.50
83.5	56.10	195.85	481.50	498.35	471.30
84.0	49.70	185.60	465.60	481.30	454.00
84.5	43.70	175.90	449.85	464.60	437.30
85.0	38.15	166.65	434.40	448.60	420.90
85.5	32.90	157.75	419.50	432.60	404.35
86.0	28.00	149.35	404.80	417.05	387.95
86.5	23.50	141.30	390.20	401.50	371.75
87.0	19.45	133.70	375.95	386.40	355.95
87.5	15.80	126.70	362.10	371.70	340.30
88.0	12.75	120.30	348.85	357.60	325.05
88.5	10.20	114.35	336.00	343.70	310.00
89.0	8.15	109.05	323.65	330.00	295.65
89.5	6.00	104.30	311.90	316.60	282.10
90.0	3.20	100.20	300.75	303.90	269.05
90.5	2.70	96.55	290.15	291.55	256.70
91.0	2.70	93.30	279.95	279.70	244.95
91.5	2.75	90.40	270.30	268.55	234.40
92.0	2.80	87.85	261.10	258.10	224.60
92.5	2.85	85.65	252.55	248.15	215.45
93.0	2.90	83.65	244.55	238.90	207.05
93.5	3.00	81.85	236.95	230.25	199.40
94.0	3.15	80.20	229.65	222.05	192.35
94.5	3.25	78.70	222.55	214.35	185.65
95.0	3.35	77.35	215.65	207.10	179.35
95.5	3.50	76.20	209.00	200.10	173.50
96.0	3.65	75.10	202.65	193.45	168.05
96.5	3.80	74.10	196.55	187.20	163.20
97.0	4.00	73.30	191.00	181.30	158.55
97.5	4.20	72.60	185.65	175.90	154.10
98.0	4.40	72.05	180.50	170.70	149.90
98.5	4.55	71.70	175.55	165.85	146.05
99.0	4.80	71.50	170.75	161.30	142.45
99.5	5.05	71.35	166.25	156.95	139.10
100.0	5.30	71.45	161.90	152.85	135.85
100.5	5.50	71.65	157.85	148.95	132.85
101.0	5.75	71.95	153.85	145.35	129.85
101.5	6.05	72.45	150.30	141.95	127.10
102.0	6.35	73.05	146.80	138.65	124.45
102.5	6.70	73.75	143.45	135.60	122.05
103.0	7.05	74.45	140.45	132.75	119.70
103.5	7.35	74.95	137.55	130.00	117.60
104.0	7.65	75.45	134.65	127.40	115.65
104.5	8.00	75.80	132.10	125.05	113.80
105.0	8.30	76.05	129.75	122.85	112.05
105.5	8.65	76.15	127.45	120.90	110.60
106.0	9.05	75.95	125.40	119.05	109.10
106.5	9.40	75.80	123.60	117.45	107.85
107.0	9.75	75.65	121.95	115.80	106.60
107.5	10.10	75.55	120.45	114.40	105.70
108.0	10.45	75.40	119.30	113.10	104.75
108.5	10.85	75.40	118.25	111.85	103.95
109.0	11.20	75.35	117.45	110.75	103.05
109.5	11.55	75.50	116.85	109.70	102.20
110.0	11.85	75.65	116.45	108.75	101.50
110.5	12.15	75.65	116.30	107.85	100.80

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CANDELA TABULATION - (Cont.)

111.0	12.50	75.70	116.10	107.00	100.10
111.5	12.80	75.65	116.10	106.15	99.40
112.0	13.10	75.50	116.00	105.35	98.75
112.5	13.35	75.40	115.90	104.70	98.05
113.0	13.65	75.25	115.70	104.15	97.40
113.5	13.95	74.85	115.30	103.65	96.90
114.0	14.25	74.50	114.85	103.30	96.35
114.5	14.60	74.25	114.30	102.90	95.90
115.0	14.85	74.25	113.45	102.55	95.55
115.5	15.15	74.00	112.45	102.30	95.25
116.0	15.40	73.70	111.50	102.10	95.10
116.5	15.60	73.40	110.45	101.90	94.85
117.0	15.80	73.15	109.40	101.65	94.80
117.5	16.05	72.95	108.15	101.55	94.65
118.0	16.30	72.70	106.80	101.25	94.70
118.5	16.50	72.45	105.50	101.00	94.55
119.0	16.75	72.15	104.20	100.75	94.40
119.5	16.90	71.75	102.80	100.30	94.30
120.0	17.05	71.35	101.45	99.90	94.20
120.5	17.25	70.95	100.10	99.50	94.10
121.0	17.40	70.40	98.75	99.00	93.95
121.5	17.50	69.85	97.35	98.35	93.80
122.0	17.55	69.20	96.05	97.75	93.55
122.5	17.65	68.65	94.80	97.05	93.30
123.0	17.75	68.20	93.40	96.35	92.90
123.5	17.80	67.20	91.75	95.55	92.50
124.0	17.90	66.10	89.95	94.80	91.95
124.5	17.95	65.30	88.30	93.85	91.50
125.0	18.00	64.70	86.95	93.05	91.00
125.5	18.05	64.30	86.00	92.10	90.35
126.0	18.10	64.20	85.30	91.10	89.75
126.5	18.15	63.85	84.40	90.05	89.20
127.0	18.15	63.15	83.45	89.00	88.50
127.5	18.15	62.30	82.55	87.90	87.65
128.0	18.15	61.50	81.75	86.75	86.70
128.5	18.15	60.65	80.80	85.65	85.70
129.0	18.10	59.75	80.00	84.60	84.80
129.5	18.10	58.85	79.15	83.55	83.80
130.0	18.10	57.95	78.20	82.55	82.75
130.5	18.05	57.00	77.20	81.55	81.75
131.0	18.05	56.10	76.25	80.65	80.85
131.5	18.00	55.20	75.20	79.65	79.95
132.0	17.95	54.20	74.10	78.75	79.05
132.5	17.90	53.25	72.95	77.90	78.25
133.0	17.85	52.25	71.75	76.80	77.40
133.5	17.75	51.30	70.70	75.65	76.65
134.0	17.65	50.30	69.65	74.60	75.95
134.5	17.60	49.30	68.75	73.65	75.20
135.0	17.50	48.35	67.95	72.90	74.40
135.5	17.45	47.35	66.85	72.40	73.70
136.0	17.35	46.40	65.85	71.85	73.05
136.5	17.30	45.50	64.75	71.25	72.45
137.0	17.20	44.55	63.55	70.75	71.85
137.5	17.10	43.65	62.30	70.20	71.25
138.0	17.00	42.70	61.00	69.55	70.65
138.5	16.95	41.80	59.85	69.00	70.10

**IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	16.90	40.95	58.85	68.30	69.40
139.5	16.75	40.05	58.05	67.75	68.85
140.0	16.65	39.15	57.10	67.20	68.35
140.5	16.55	38.25	55.90	66.50	67.80
141.0	16.50	37.35	54.90	65.95	67.20
141.5	16.45	36.55	54.10	65.30	66.65
142.0	16.45	35.80	53.35	64.60	66.15
142.5	16.45	35.05	52.75	64.05	65.50
143.0	16.45	34.35	52.15	63.35	64.55
143.5	16.40	33.80	51.35	62.60	63.35
144.0	16.40	33.25	50.45	61.85	62.25
144.5	16.35	32.70	49.55	60.95	61.30
145.0	16.40	32.10	48.65	60.00	60.50
145.5	16.45	31.60	47.75	59.10	59.85
146.0	16.50	31.05	46.80	58.10	59.50
146.5	16.55	30.50	45.85	57.05	59.05
147.0	16.55	30.00	44.95	55.95	58.35
147.5	16.55	29.50	44.00	54.90	57.60
148.0	16.55	29.05	43.05	53.80	56.90
148.5	16.60	28.50	42.15	52.70	56.20
149.0	16.65	28.00	41.25	51.60	55.45
149.5	16.70	27.45	40.35	50.40	54.60
150.0	16.65	26.90	39.45	49.10	53.85
150.5	16.75	26.45	38.60	47.75	53.00
151.0	16.80	26.05	37.80	46.50	52.20
151.5	16.95	25.65	37.05	45.35	51.35
152.0	17.00	25.25	36.25	44.20	50.45
152.5	17.15	24.80	35.55	43.20	49.60
153.0	17.20	24.40	34.90	42.30	48.70
153.5	17.30	24.05	34.30	41.35	47.80
154.0	17.45	23.70	33.60	40.40	46.90
154.5	17.55	23.35	32.95	39.50	45.95
155.0	17.65	23.00	32.30	38.65	45.05
155.5	17.80	22.65	31.65	37.75	44.15
156.0	17.90	22.25	31.00	36.85	43.20
156.5	17.95	21.95	30.35	36.00	42.30
157.0	18.05	21.60	29.70	35.05	41.40
157.5	18.10	21.20	29.10	34.00	40.50
158.0	18.20	20.85	28.50	33.05	39.60
158.5	18.25	20.50	27.95	32.15	38.65
159.0	18.40	20.15	27.45	31.30	37.70
159.5	18.50	19.85	26.90	30.45	36.80
160.0	18.65	19.50	26.40	29.55	35.90
160.5	18.80	19.20	25.95	28.85	34.90
161.0	18.90	18.90	25.45	28.10	33.85
161.5	19.05	18.65	24.90	27.40	32.95
162.0	19.15	18.40	24.35	26.70	32.05
162.5	19.25	18.35	23.85	26.00	31.25
163.0	19.35	18.45	23.40	25.30	30.40
163.5	19.45	18.55	22.95	24.70	29.70
164.0	19.50	18.85	22.50	24.05	29.05
164.5	19.55	19.20	22.10	23.45	28.35
165.0	19.65	19.40	21.60	22.90	27.65
165.5	19.75	19.50	21.20	22.35	27.00
166.0	19.85	19.60	20.80	21.80	26.35
166.5	19.95	19.80	20.35	21.25	25.85

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CANDELA TABULATION - (Cont.)

167.0	20.05	20.00	19.95	20.70	25.35
167.5	20.15	20.25	19.55	20.20	24.85
168.0	20.25	20.40	19.20	19.65	24.35
168.5	20.35	20.45	18.90	19.10	23.70
169.0	20.40	20.50	18.65	18.55	22.95
169.5	20.50	20.55	18.40	18.05	22.40
170.0	20.55	20.50	18.25	17.65	21.85
170.5	20.60	20.50	18.50	17.25	19.55
171.0	20.65	20.50	18.75	16.85	17.05
171.5	20.70	20.50	18.85	16.50	16.20
172.0	20.75	20.45	19.10	16.20	15.75
172.5	20.80	20.40	19.35	16.30	14.20
173.0	20.80	20.40	19.65	16.70	12.20
173.5	20.85	20.40	19.80	16.70	11.85
174.0	20.90	20.40	19.80	16.90	11.80
174.5	20.95	20.45	19.80	17.25	11.75
175.0	20.95	20.50	19.65	17.45	12.10
175.5	21.05	20.55	19.65	17.45	12.25
176.0	21.10	20.60	19.70	17.35	12.25
176.5	21.15	20.65	19.70	17.15	12.10
177.0	21.15	20.75	19.80	17.05	11.95
177.5	21.25	20.80	19.90	16.95	11.75
178.0	21.25	20.85	19.95	16.90	11.60
178.5	21.30	20.90	20.05	16.80	11.55
179.0	21.35	20.95	20.15	16.75	11.50
179.5	21.35	20.95	20.20	16.80	11.60
180.0	18.65	18.65	18.65	18.65	18.65

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

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	939.31	N.A.	11.30
0-30	1998.87	N.A.	24.10
0-40	3254.08	N.A.	39.20
0-60	5747.56	N.A.	69.20
0-80	7434.00	N.A.	89.50
0-90	7788.58	N.A.	93.70
10-90	7549.06	N.A.	90.80
20-40	2314.77	N.A.	27.90
20-50	3598.63	N.A.	43.30
40-70	3505.63	N.A.	42.20
60-80	1686.44	N.A.	20.30
70-80	674.29	N.A.	8.10
80-90	354.57	N.A.	4.30
90-110	270.90	N.A.	3.30
90-120	356.46	N.A.	4.30
90-130	423.91	N.A.	5.10
90-150	498.09	N.A.	6.00
90-180	520.91	N.A.	6.30
110-180	250.01	N.A.	3.00
0-180	8309.49	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	239.51
10-20	699.80
20-30	1059.57
30-40	1255.2
40-50	1283.86
50-60	1209.62
60-70	1012.14
70-80	674.29
80-90	354.57
90-100	166.46
100-110	104.45
110-120	85.56
120-130	67.45
130-140	45.90
140-150	28.28
150-160	14.70
160-170	6.35
170-180	1.78

IES INDOOR REPORT
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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	118	118	118	118	114	114	114	114	108	108	108	102	102	102	96	96	96	94
1	106	101	96	92	103	98	94	90	92	89	86	87	84	82	83	80	78	76
2	96	87	80	74	93	85	78	72	80	74	70	76	71	67	72	68	65	62
3	87	76	68	61	84	74	66	60	70	63	58	67	61	56	63	58	54	52
4	80	67	58	51	77	65	57	50	62	55	49	59	53	48	56	51	46	44
5	73	60	51	44	71	58	50	43	56	48	42	53	46	41	50	45	40	38
6	68	54	45	38	65	53	44	38	50	43	37	48	41	36	46	40	35	33
7	63	49	40	34	60	48	39	33	46	38	33	44	37	32	42	36	31	29
8	58	44	36	30	56	44	35	30	42	34	29	40	33	29	38	32	28	26
9	54	41	33	27	53	40	32	27	38	31	26	37	30	26	35	30	25	23
10	51	38	30	24	49	37	29	24	35	29	24	34	28	23	33	27	23	21

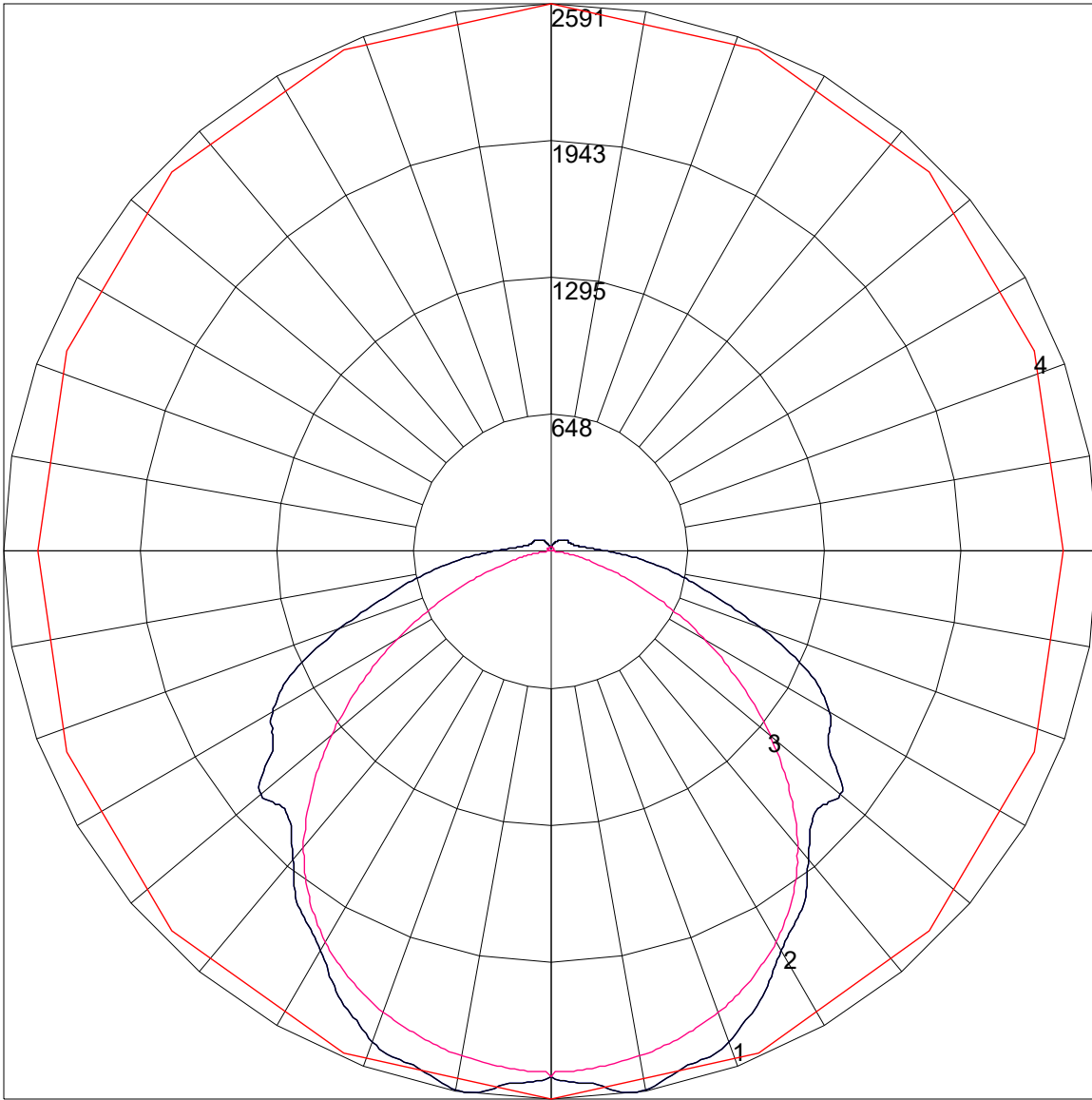
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UGR TABLE - CORRECTED

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	22.9	24.4	23.3	24.9	25.3	26.5	28.1	27.0	28.5	29.0
	3H	24.0	25.4	24.4	25.8	26.3	28.9	30.3	29.4	30.8	31.3
	4H	24.2	25.6	24.7	26.0	26.5	29.8	31.2	30.3	31.6	32.1
	6H	24.3	25.6	24.9	26.1	26.6	30.6	31.9	31.1	32.4	32.9
	8H	24.3	25.5	24.9	26.0	26.6	31.0	32.2	31.5	32.7	33.2
	12H	24.3	25.5	24.9	26.0	26.5	31.3	32.5	31.9	33.0	33.6
4H	2H	24.2	25.5	24.7	26.0	26.5	26.9	28.3	27.4	28.7	29.2
	3H	25.6	26.7	26.1	27.2	27.7	29.6	30.7	30.1	31.2	31.8
	4H	25.9	27.0	26.5	27.5	28.1	30.6	31.7	31.2	32.2	32.8
	6H	26.2	27.1	26.7	27.6	28.2	31.6	32.5	32.1	33.1	33.7
	8H	26.2	27.0	26.7	27.6	28.2	32.0	32.9	32.6	33.5	34.1
	12H	26.2	27.0	26.8	27.5	28.1	32.5	33.3	33.1	33.8	34.4
8H	4H	26.9	27.8	27.5	28.3	28.9	30.8	31.7	31.4	32.2	32.8
	6H	27.3	28.1	27.9	28.6	29.3	32.0	32.7	32.5	33.3	33.9
	8H	27.4	28.1	28.0	28.7	29.3	32.5	33.2	33.1	33.8	34.4
	12H	27.5	28.1	28.1	28.6	29.3	33.1	33.7	33.7	34.3	35.0
12H	4H	27.1	27.9	27.7	28.5	29.1	30.8	31.6	31.4	32.2	32.8
	6H	27.7	28.3	28.3	28.9	29.6	32.0	32.7	32.6	33.2	33.9
	8H	27.9	28.5	28.5	29.0	29.7	32.6	33.2	33.2	33.8	34.5

Maximum UGR = 35.0

POLAR GRAPH



Maximum Candela = 2590.5 Located At Horizontal Angle = 90, Vertical Angle = 9.5
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 (9.5) (Through Max. Cd.)