



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

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] 14298494.03_modified to 2ft length
 [TESTLAB] UL LLC
 [ISSUEDATE] 4/29/2022
 [MANUFAC] Lux Dynamics
 [LUMCAT] HIGH-2-835-U10-SM-WA
 [LUMINAIRE] HIGH Line LED Fixture, 2' Length, 3500K, White 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	7744
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	145
Total Luminaire Watts	53.498
Ballast Factor	1.00
CIE Type	Semi-Direct
Spacing Criterion (0-180)	1.20
Spacing Criterion (90-270)	1.30
Spacing Criterion (Diagonal)	1.36
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	48543	42792	43917
55	43407	37696	40415
65	37586	32933	37218
75	28825	28903	33686
85	13064	25191	31114

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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	2285.50	2285.50	2285.50	2285.50	2285.50
0.5	2273.50	2285.50	2284.50	2285.50	2300.50
1.0	2273.00	2285.50	2284.00	2285.00	2300.00
1.5	2272.00	2284.50	2283.00	2284.50	2299.00
2.0	2271.00	2283.00	2282.00	2283.50	2298.00
2.5	2269.00	2282.00	2282.00	2283.00	2297.50
3.0	2267.00	2281.00	2280.00	2282.00	2296.50
3.5	2266.00	2278.50	2278.00	2280.50	2295.50
4.0	2264.00	2277.00	2276.00	2279.00	2295.00
4.5	2262.50	2274.50	2275.00	2278.00	2294.00
5.0	2260.00	2272.00	2273.00	2275.00	2292.00
5.5	2257.00	2270.00	2270.50	2273.50	2289.50
6.0	2255.00	2267.00	2268.00	2271.00	2287.50
6.5	2251.50	2264.00	2265.50	2268.50	2285.50
7.0	2247.00	2261.00	2262.00	2267.00	2284.00
7.5	2243.00	2256.50	2259.50	2264.00	2281.00
8.0	2239.00	2253.50	2256.00	2261.50	2278.50
8.5	2235.50	2249.00	2252.00	2258.50	2276.00
9.0	2230.00	2244.50	2247.50	2255.50	2272.50
9.5	2225.50	2240.50	2244.50	2252.50	2269.00
10.0	2220.00	2235.00	2239.50	2248.00	2266.00
10.5	2214.50	2229.50	2234.50	2245.00	2262.00
11.0	2209.50	2224.00	2230.00	2240.50	2258.00
11.5	2203.50	2219.00	2225.00	2236.50	2254.50
12.0	2197.00	2213.00	2220.50	2232.00	2250.00
12.5	2191.00	2206.50	2215.00	2227.50	2245.50
13.0	2184.50	2200.00	2210.00	2223.00	2241.50
13.5	2178.00	2193.50	2204.50	2217.00	2236.50
14.0	2170.00	2187.00	2198.50	2212.00	2232.50
14.5	2162.50	2179.50	2192.50	2206.50	2227.00
15.0	2154.50	2172.00	2186.00	2200.00	2221.50
15.5	2147.50	2164.00	2179.00	2194.50	2216.00
16.0	2139.50	2156.50	2172.00	2188.50	2209.50
16.5	2130.50	2148.00	2165.00	2182.50	2204.00
17.0	2122.50	2139.50	2158.00	2176.00	2197.00
17.5	2112.50	2131.00	2150.00	2168.50	2190.50
18.0	2103.00	2123.00	2142.00	2161.00	2184.00
18.5	2094.00	2114.00	2133.50	2154.50	2177.50
19.0	2085.50	2105.50	2125.00	2147.00	2170.00
19.5	2075.50	2095.50	2117.00	2139.50	2162.50
20.0	2065.00	2085.50	2108.00	2130.50	2155.00
20.5	2054.50	2075.00	2099.00	2123.00	2147.50
21.0	2043.50	2065.00	2089.50	2116.00	2139.50
21.5	2033.50	2055.00	2080.00	2107.00	2131.00
22.0	2022.50	2045.00	2070.50	2098.50	2124.00
22.5	2012.00	2034.00	2060.50	2090.00	2114.50
23.0	2001.50	2023.00	2050.00	2081.00	2106.00
23.5	1990.00	2011.00	2041.00	2072.50	2098.50
24.0	1978.50	2000.00	2030.50	2063.50	2089.00
24.5	1966.50	1988.00	2019.50	2054.00	2080.00
25.0	1954.50	1976.50	2009.00	2044.50	2070.50
25.5	1942.00	1964.50	1999.00	2035.00	2062.00
26.0	1929.00	1952.00	1988.00	2024.50	2052.50
26.5	1916.00	1940.00	1976.00	2014.50	2042.00

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CANDELA TABULATION - (Cont.)

27.0	1902.00	1927.00	1964.50	2004.00	2032.50
27.5	1890.00	1914.00	1953.00	1993.50	2022.50
28.0	1874.50	1901.00	1942.00	1983.50	2012.00
28.5	1860.00	1888.50	1930.00	1972.50	2002.50
29.0	1846.00	1874.50	1918.00	1963.00	1992.50
29.5	1832.50	1860.50	1905.00	1952.00	1982.00
30.0	1817.00	1846.50	1893.00	1940.50	1971.50
30.5	1803.00	1832.50	1881.00	1929.50	1960.50
31.0	1788.00	1819.00	1868.50	1918.50	1950.00
31.5	1774.00	1804.00	1855.50	1907.00	1938.50
32.0	1758.00	1789.50	1843.00	1895.50	1928.50
32.5	1744.50	1775.00	1830.50	1884.00	1917.50
33.0	1729.50	1761.00	1817.50	1872.50	1906.00
33.5	1714.00	1746.00	1803.50	1860.50	1895.50
34.0	1698.50	1731.50	1790.50	1848.50	1884.00
34.5	1682.00	1716.00	1776.50	1836.50	1872.00
35.0	1667.00	1700.50	1763.00	1824.50	1861.00
35.5	1651.00	1686.00	1750.00	1813.00	1850.00
36.0	1634.50	1670.50	1736.00	1800.00	1838.00
36.5	1619.00	1654.50	1722.50	1787.50	1825.00
37.0	1607.00	1638.00	1707.50	1774.00	1812.00
37.5	1587.00	1624.50	1693.00	1762.00	1800.50
38.0	1574.50	1608.00	1679.50	1750.00	1788.50
38.5	1554.50	1591.50	1665.50	1737.00	1776.00
39.0	1536.00	1576.00	1651.50	1724.00	1764.00
39.5	1519.00	1559.50	1636.50	1711.00	1750.00
40.0	1508.50	1543.50	1622.50	1697.50	1737.50
40.5	1488.00	1525.00	1607.00	1684.50	1725.00
41.0	1467.50	1512.50	1594.00	1672.00	1712.00
41.5	1452.50	1496.50	1578.50	1658.00	1699.00
42.0	1432.50	1480.00	1561.50	1645.50	1686.50
42.5	1415.50	1466.00	1548.00	1631.00	1674.50
43.0	1401.00	1445.50	1532.50	1618.00	1661.50
43.5	1381.00	1428.00	1518.50	1605.00	1648.50
44.0	1362.50	1412.00	1503.50	1593.00	1635.50
44.5	1345.50	1395.00	1487.50	1579.50	1625.00
45.0	1327.50	1383.00	1472.50	1565.50	1610.50
45.5	1311.50	1361.50	1457.00	1550.00	1598.00
46.0	1294.50	1348.00	1442.00	1540.50	1586.50
46.5	1276.00	1329.50	1423.00	1524.50	1573.00
47.0	1256.50	1309.00	1409.00	1511.00	1564.50
47.5	1239.50	1294.50	1394.50	1499.00	1548.50
48.0	1222.00	1278.00	1379.50	1482.50	1539.00
48.5	1205.50	1261.00	1362.50	1473.50	1523.50
49.0	1188.50	1244.00	1345.50	1458.00	1509.50
49.5	1169.50	1227.50	1332.50	1446.00	1498.00
50.0	1152.00	1210.00	1316.00	1432.00	1480.00
50.5	1135.50	1193.50	1297.00	1416.50	1474.50
51.0	1118.00	1175.50	1281.50	1404.50	1457.50
51.5	1101.00	1159.00	1270.50	1392.50	1444.50
52.0	1083.00	1141.50	1255.00	1377.00	1434.50
52.5	1065.00	1125.00	1237.00	1361.00	1415.50
53.0	1048.00	1107.50	1221.50	1348.50	1404.50
53.5	1032.50	1090.50	1204.50	1336.00	1391.00
54.0	1014.00	1073.50	1190.50	1325.50	1374.00
54.5	998.00	1056.50	1174.50	1312.00	1365.00

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CANDELA TABULATION - (Cont.)

55.0	980.00	1039.00	1159.50	1295.50	1349.00
55.5	964.00	1022.50	1144.00	1282.50	1334.50
56.0	946.50	1005.00	1129.00	1267.50	1323.00
56.5	930.50	988.50	1113.00	1254.50	1309.00
57.0	912.50	971.00	1099.00	1241.50	1297.50
57.5	896.50	954.00	1083.50	1227.50	1284.00
58.0	879.50	936.00	1068.00	1211.00	1272.50
58.5	863.50	919.00	1052.50	1199.00	1258.00
59.0	845.00	903.00	1037.50	1184.50	1244.50
59.5	829.50	885.50	1024.00	1172.50	1233.00
60.0	812.50	869.00	1008.00	1158.50	1217.00
60.5	795.50	852.00	993.50	1145.00	1204.50
61.0	778.50	835.00	978.00	1131.00	1191.50
61.5	761.50	818.00	963.50	1117.50	1177.50
62.0	745.50	801.00	949.00	1104.00	1162.00
62.5	728.50	785.00	934.00	1090.50	1148.50
63.0	711.00	768.50	919.50	1077.50	1136.00
63.5	694.00	751.50	905.00	1064.00	1122.50
64.0	677.50	735.50	890.00	1050.50	1110.00
64.5	660.50	719.50	875.50	1036.50	1095.00
65.0	643.50	702.00	862.00	1023.00	1082.00
65.5	626.50	686.00	848.00	1009.00	1068.00
66.0	610.00	669.50	834.50	996.50	1054.00
66.5	595.00	654.00	820.00	982.50	1040.00
67.0	578.50	638.50	806.50	969.50	1026.50
67.5	561.50	623.00	793.00	956.50	1011.50
68.0	544.50	607.50	779.50	943.00	998.00
68.5	528.00	591.50	766.00	929.00	983.50
69.0	511.50	577.00	752.50	915.50	970.00
69.5	494.75	562.00	739.50	902.00	957.00
70.0	478.35	547.00	727.00	889.00	943.00
70.5	462.20	532.00	714.00	875.00	929.00
71.0	446.00	517.00	701.50	861.50	914.50
71.5	429.85	502.50	689.00	848.00	901.00
72.0	413.95	487.80	675.50	834.50	887.00
72.5	398.40	473.35	663.00	821.00	872.50
73.0	382.85	459.20	650.00	808.00	858.00
73.5	367.30	445.25	637.00	795.00	846.50
74.0	351.65	431.15	625.00	781.50	832.00
74.5	336.45	417.65	613.50	767.50	818.50
75.0	321.25	404.20	601.00	754.50	804.50
75.5	306.20	391.10	588.50	741.50	791.00
76.0	291.15	378.20	576.50	728.00	778.50
76.5	276.55	365.65	564.50	715.50	765.50
77.0	262.10	353.35	552.00	702.00	751.50
77.5	247.80	341.40	539.50	689.50	738.50
78.0	233.30	329.45	527.50	676.50	725.50
78.5	219.25	317.80	515.50	664.00	712.50
79.0	205.40	306.45	503.50	652.00	700.00
79.5	191.75	295.30	491.70	639.50	687.00
80.0	178.35	284.35	479.95	627.00	675.50
80.5	165.30	273.40	468.35	615.50	662.50
81.0	152.45	262.80	456.90	603.50	649.50
81.5	140.00	252.15	445.65	591.00	637.50
82.0	127.75	241.85	434.55	579.00	626.00
82.5	115.90	231.70	423.75	568.00	614.50

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CANDELA TABULATION - (Cont.)

83.0	104.50	221.65	413.15	557.00	602.50
83.5	93.50	211.95	402.60	545.50	591.00
84.0	82.90	202.45	392.35	534.00	579.50
84.5	72.80	193.20	382.30	523.00	568.50
85.0	63.10	184.35	372.35	512.00	559.00
85.5	54.15	175.80	362.60	502.00	548.00
86.0	45.50	167.45	353.15	491.90	537.50
86.5	37.45	159.55	344.05	482.10	527.50
87.0	30.10	151.95	335.20	472.65	517.50
87.5	23.55	145.05	326.95	463.60	508.00
88.0	17.80	138.50	319.00	454.80	498.95
88.5	12.95	132.50	311.75	446.35	490.25
89.0	9.25	127.05	304.80	438.30	481.70
89.5	6.40	122.20	298.15	430.55	473.75
90.0	4.05	117.90	292.00	423.10	465.95
90.5	3.55	113.95	286.15	416.05	458.65
91.0	3.60	110.40	280.70	409.15	451.65
91.5	3.70	107.20	275.30	402.60	444.90
92.0	3.80	104.20	270.30	396.40	438.25
92.5	3.95	101.50	265.45	390.15	431.90
93.0	4.05	98.75	261.00	384.30	425.70
93.5	4.15	96.20	256.70	378.60	419.85
94.0	4.40	93.75	252.45	373.05	414.00
94.5	4.65	91.50	248.30	367.80	408.20
95.0	4.85	89.20	244.15	362.55	402.80
95.5	5.15	86.95	239.90	357.20	397.40
96.0	5.45	84.90	235.55	352.20	391.90
96.5	5.70	83.00	231.35	347.10	386.45
97.0	5.95	81.10	227.20	342.00	381.25
97.5	6.25	79.40	223.20	337.15	376.00
98.0	6.55	77.75	219.15	332.30	370.70
98.5	6.80	76.30	215.20	327.50	365.50
99.0	7.15	74.95	211.35	322.65	360.40
99.5	7.50	73.75	207.50	317.90	355.20
100.0	7.85	72.70	203.80	313.15	350.10
100.5	8.15	71.75	200.05	308.35	344.95
101.0	8.45	71.15	196.40	303.65	339.85
101.5	8.85	70.70	192.95	298.95	334.85
102.0	9.25	70.20	189.50	294.30	329.85
102.5	9.65	69.95	186.15	289.70	325.05
103.0	10.10	69.85	182.85	285.15	320.15
103.5	10.55	69.90	179.60	280.60	315.35
104.0	10.95	69.95	176.45	276.00	310.75
104.5	11.45	70.10	173.40	271.55	306.05
105.0	11.90	70.30	170.55	267.15	301.20
105.5	12.40	70.50	167.60	262.80	296.70
106.0	12.95	70.60	164.75	258.45	292.05
106.5	13.45	70.75	162.10	254.20	287.65
107.0	13.95	71.00	159.50	249.90	283.25
107.5	14.45	71.10	157.10	245.85	278.75
108.0	14.90	71.35	154.75	241.80	274.30
108.5	15.40	71.50	152.65	237.80	270.05
109.0	15.85	71.55	150.70	233.90	265.85
109.5	16.35	71.70	148.95	230.15	261.55
110.0	16.85	71.65	147.40	226.45	257.50
110.5	17.30	71.65	146.00	222.75	253.40

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CANDELA TABULATION - (Cont.)

111.0	17.80	71.60	144.75	219.30	249.55
111.5	18.30	71.55	143.75	215.95	245.55
112.0	18.80	71.50	142.65	212.60	241.80
112.5	19.25	71.45	141.85	209.40	237.90
113.0	19.70	71.35	141.05	206.40	234.35
113.5	20.15	71.10	140.50	203.50	230.75
114.0	20.65	70.95	140.00	200.80	227.25
114.5	21.15	70.95	139.65	198.30	223.90
115.0	21.65	70.90	139.20	195.90	220.65
115.5	22.15	70.95	138.75	193.75	217.75
116.0	22.60	70.95	138.40	191.70	214.80
116.5	23.00	71.00	138.00	189.80	212.10
117.0	23.40	71.05	137.60	188.10	209.60
117.5	23.80	71.25	137.25	186.60	207.25
118.0	24.20	71.45	136.80	185.10	205.15
118.5	24.60	71.50	136.40	183.75	203.15
119.0	24.95	71.60	136.00	182.55	201.35
119.5	25.25	71.60	135.55	181.45	199.65
120.0	25.55	71.70	135.15	180.50	197.90
120.5	25.80	71.65	134.75	179.75	196.45
121.0	26.00	71.60	134.25	179.00	195.05
121.5	26.25	71.40	133.90	178.20	193.80
122.0	26.60	71.50	133.45	177.40	192.70
122.5	26.90	71.40	132.90	176.60	191.85
123.0	27.20	71.15	132.35	175.85	190.90
123.5	27.40	70.65	131.40	175.00	189.90
124.0	27.70	70.20	130.15	174.15	188.90
124.5	27.90	69.95	128.80	173.30	188.00
125.0	28.20	70.00	127.85	172.50	187.05
125.5	28.45	70.30	127.30	171.60	186.25
126.0	28.70	70.65	126.90	170.75	185.15
126.5	28.90	70.65	126.35	169.85	184.05
127.0	29.15	70.25	125.70	168.95	183.15
127.5	29.35	69.90	125.05	168.00	182.10
128.0	29.60	69.60	124.30	167.05	181.20
128.5	29.80	69.25	123.60	166.05	180.10
129.0	30.05	68.95	123.00	165.05	179.05
129.5	30.25	68.65	122.45	163.95	178.00
130.0	30.45	68.30	121.70	162.95	176.90
130.5	30.65	67.85	120.95	161.90	175.85
131.0	30.90	67.45	120.00	160.80	174.70
131.5	31.10	67.05	119.05	159.65	173.60
132.0	31.30	66.70	118.00	158.55	172.45
132.5	31.55	66.20	116.75	157.40	171.30
133.0	31.70	65.70	115.45	155.75	170.10
133.5	31.90	65.20	114.15	153.80	168.80
134.0	32.05	64.60	112.90	151.90	167.50
134.5	32.25	64.05	111.75	150.20	166.20
135.0	32.45	63.40	110.55	148.85	164.90
135.5	32.55	62.80	109.30	147.75	163.70
136.0	32.70	62.15	108.10	146.65	162.30
136.5	32.85	61.55	106.65	145.45	160.85
137.0	32.95	60.95	105.20	144.10	159.50
137.5	33.10	60.40	103.60	142.80	158.20
138.0	33.25	59.80	102.15	141.65	156.75
138.5	33.30	59.25	100.80	140.40	155.25

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	33.50	58.75	99.80	139.25	153.70
139.5	33.60	58.25	99.00	138.15	152.20
140.0	33.70	57.70	98.05	137.10	150.40
140.5	33.80	57.15	96.90	135.95	148.65
141.0	33.95	56.75	95.85	134.85	146.95
141.5	34.00	56.25	95.10	133.80	145.05
142.0	34.25	55.60	94.20	132.50	143.10
142.5	34.60	55.20	93.70	131.40	141.15
143.0	35.05	54.85	93.25	130.10	138.80
143.5	35.45	54.50	92.45	128.75	135.95
144.0	35.85	54.10	91.40	127.35	133.05
144.5	36.25	53.70	90.40	125.75	130.65
145.0	36.75	53.30	89.35	124.15	128.65
145.5	37.20	52.90	88.20	122.30	127.30
146.0	37.65	52.60	87.05	120.25	126.35
146.5	38.05	52.35	85.85	118.15	125.70
147.0	38.50	51.95	84.70	116.00	124.65
147.5	38.85	51.55	83.55	113.85	123.65
148.0	39.25	51.20	82.50	111.80	122.50
148.5	39.65	50.80	81.25	109.85	121.40
149.0	40.05	50.40	80.05	107.65	120.25
149.5	40.45	50.05	78.65	105.35	118.95
150.0	40.85	49.70	77.40	102.90	117.80
150.5	41.25	49.30	76.20	100.70	116.45
151.0	41.60	48.85	75.00	98.90	115.20
151.5	41.90	48.60	73.85	97.10	113.80
152.0	42.20	48.30	72.80	95.35	112.50
152.5	42.50	48.00	71.75	93.90	111.20
153.0	42.85	47.75	70.70	92.60	109.60
153.5	43.15	47.50	69.80	91.20	108.10
154.0	43.45	47.25	68.90	89.85	106.50
154.5	43.80	47.10	68.10	88.60	104.90
155.0	44.20	46.90	67.30	87.05	103.25
155.5	44.55	46.70	66.40	85.50	101.80
156.0	44.90	46.50	65.50	83.70	100.20
156.5	45.20	46.20	64.50	81.95	98.60
157.0	45.55	45.90	63.55	80.00	96.90
157.5	46.00	45.65	62.55	77.80	95.15
158.0	46.50	45.35	61.55	75.70	93.35
158.5	46.95	45.05	60.55	73.65	91.60
159.0	47.40	44.80	59.60	71.70	89.80
159.5	47.85	44.50	58.55	69.90	87.95
160.0	48.25	44.25	57.55	68.25	86.05
160.5	48.60	44.35	56.65	66.75	83.80
161.0	49.00	44.45	55.75	65.30	81.50
161.5	49.35	44.55	54.90	63.55	79.50
162.0	49.75	44.75	53.95	61.90	77.70
162.5	50.15	45.35	53.00	60.25	76.10
163.0	50.50	46.00	52.10	58.60	74.35
163.5	50.75	46.60	51.40	57.00	72.80
164.0	50.90	46.90	50.70	55.45	71.30
164.5	51.20	47.10	49.95	53.90	69.35
165.0	51.60	47.35	49.05	52.55	67.30
165.5	52.00	47.65	48.30	51.05	65.65
166.0	52.35	48.00	47.80	49.70	64.50
166.5	52.70	48.45	47.25	48.55	63.50

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CANDELA TABULATION - (Cont.)

167.0	53.05	48.95	46.70	47.35	62.45
167.5	53.40	49.65	46.15	46.15	61.35
168.0	53.70	50.60	45.55	45.00	60.15
168.5	54.00	51.60	44.85	43.90	58.50
169.0	54.35	52.35	44.50	42.85	57.10
169.5	54.60	53.05	44.90	41.90	56.50
170.0	54.80	53.75	45.50	41.05	55.80
170.5	54.90	54.25	46.45	40.10	52.60
171.0	55.00	54.40	47.20	39.40	43.00
171.5	55.10	54.45	47.40	38.95	38.55
172.0	55.20	54.50	47.35	39.35	37.50
172.5	55.30	54.55	47.40	40.40	32.35
173.0	55.45	54.60	47.85	41.30	25.15
173.5	55.60	54.60	49.05	41.50	23.45
174.0	55.75	54.60	50.30	40.75	23.35
174.5	55.85	54.60	51.15	40.50	22.95
175.0	56.00	54.80	51.45	41.55	22.90
175.5	56.15	55.05	51.35	43.00	23.65
176.0	56.20	55.25	51.25	43.95	24.75
176.5	56.35	55.45	51.25	44.05	25.30
177.0	56.45	55.60	51.50	43.90	25.30
177.5	56.50	55.70	51.75	43.80	25.25
178.0	56.55	55.85	51.90	43.80	25.25
178.5	56.55	56.00	52.15	43.85	25.40
179.0	56.60	56.10	52.50	43.95	25.50
179.5	56.60	56.15	52.80	44.10	25.65
180.0	48.60	48.60	48.60	48.60	48.60

IES INDOOR REPORT
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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	832.75	N.A.	10.80
0-30	1758.8	N.A.	22.70
0-40	2861.66	N.A.	37.00
0-60	5040.13	N.A.	65.10
0-80	6510.55	N.A.	84.10
0-90	6892.31	N.A.	89.00
10-90	6676.26	N.A.	86.20
20-40	2028.92	N.A.	26.20
20-50	3164.83	N.A.	40.90
40-70	3033.65	N.A.	39.20
60-80	1470.42	N.A.	19.00
70-80	615.24	N.A.	7.90
80-90	381.76	N.A.	4.90
90-110	423.80	N.A.	5.50
90-120	555.95	N.A.	7.20
90-130	663.45	N.A.	8.60
90-150	800.33	N.A.	10.30
90-180	851.89	N.A.	11.00
110-180	428.09	N.A.	5.50
0-180	7744.2	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	216.05
10-20	616.70
20-30	926.05
30-40	1102.86
40-50	1135.91
50-60	1042.55
60-70	855.19
70-80	615.24
80-90	381.76
90-100	246.95
100-110	176.85
110-120	132.15
120-130	107.50
130-140	81.84
140-150	55.04
150-160	31.93
160-170	15.13
170-180	4.51

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	116	116	116	116	112	112	112	112	105	105	105	98	98	98	92	92	92	89
1	105	99	95	90	101	96	92	88	90	86	83	84	81	78	78	76	74	71
2	95	86	79	73	91	83	76	71	78	72	67	73	68	64	68	65	61	58
3	86	75	67	60	83	73	65	59	68	62	56	64	58	54	60	55	51	49
4	79	66	57	50	76	64	56	49	60	53	48	57	51	46	53	48	44	41
5	72	59	50	43	69	57	49	43	54	47	41	51	45	40	48	43	38	36
6	67	53	44	38	64	52	43	37	49	41	36	46	40	35	43	38	34	31
7	62	48	39	33	59	47	39	33	44	37	32	42	35	31	40	34	30	28
8	58	44	35	29	55	43	35	29	41	33	28	38	32	27	36	31	27	25
9	54	40	32	26	52	39	31	26	37	30	25	35	29	25	34	28	24	22
10	50	37	29	24	49	36	29	24	34	28	23	33	27	22	31	26	22	20

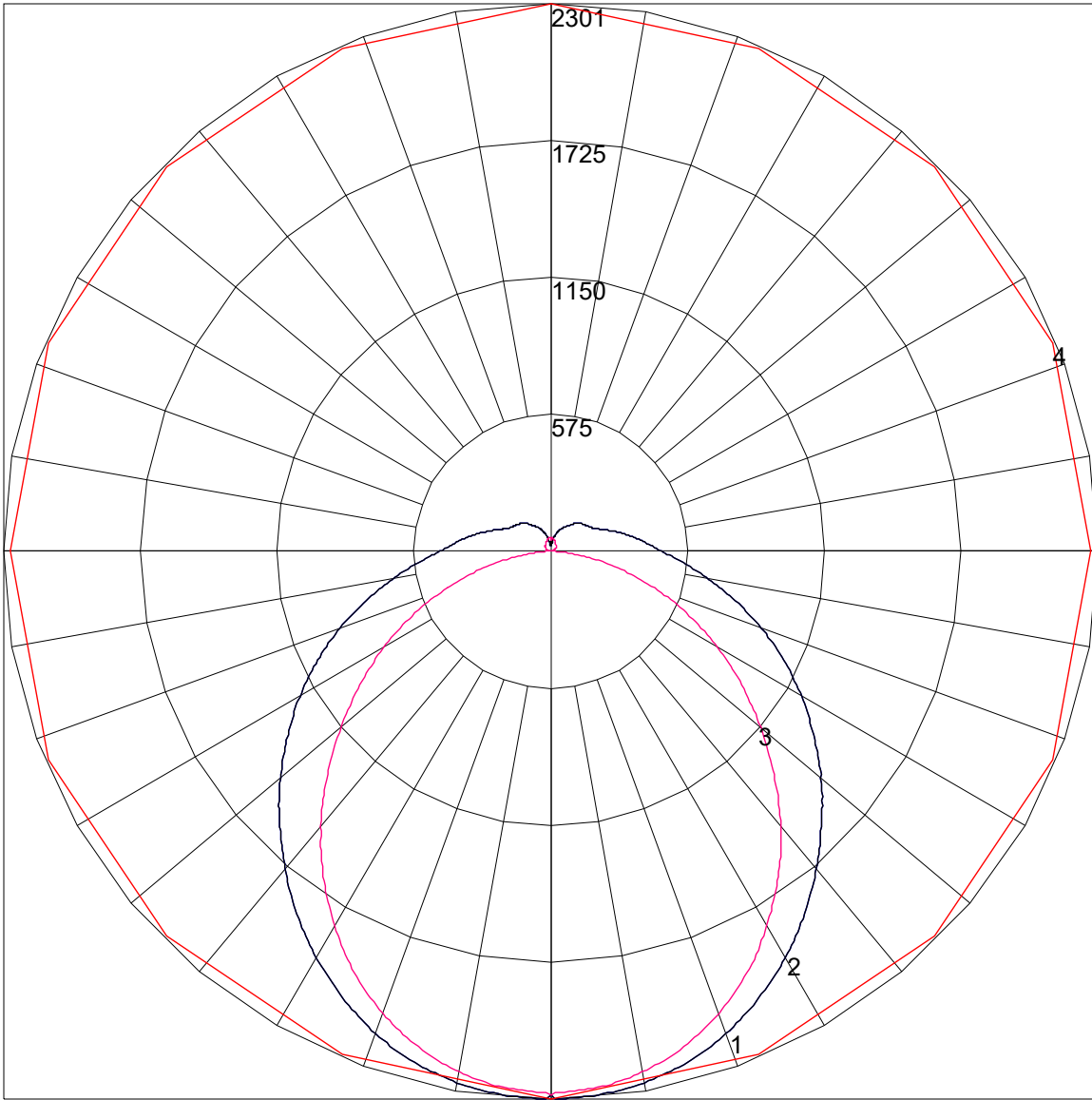
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UGR TABLE - CORRECTED

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	22.4	23.8	22.9	24.4	24.9	25.2	26.6	25.7	27.1	27.7
	3H	23.8	25.1	24.3	25.6	26.2	27.6	28.9	28.2	29.5	30.1
	4H	24.2	25.4	24.8	26.0	26.6	28.8	30.0	29.3	30.6	31.2
	6H	24.5	25.6	25.0	26.2	26.8	30.0	31.1	30.5	31.7	32.3
	8H	24.5	25.6	25.1	26.2	26.8	30.6	31.7	31.1	32.2	32.9
	12H	24.5	25.6	25.1	26.1	26.8	31.2	32.3	31.8	32.8	33.5
4H	2H	23.3	24.6	23.9	25.1	25.8	25.5	26.7	26.1	27.3	27.9
	3H	24.9	26.0	25.5	26.6	27.2	28.2	29.3	28.8	29.9	30.5
	4H	25.5	26.4	26.0	27.0	27.7	29.5	30.5	30.1	31.1	31.8
	6H	25.8	26.7	26.4	27.3	28.0	30.9	31.8	31.5	32.4	33.1
	8H	25.9	26.7	26.5	27.3	28.0	31.6	32.4	32.2	33.0	33.7
	12H	25.9	26.7	26.6	27.3	28.0	32.4	33.1	33.0	33.7	34.5
8H	4H	26.2	27.0	26.8	27.6	28.3	29.7	30.5	30.3	31.1	31.8
	6H	26.7	27.4	27.4	28.1	28.8	31.3	31.9	31.9	32.6	33.3
	8H	26.9	27.5	27.6	28.2	28.9	32.1	32.7	32.7	33.4	34.1
	12H	27.0	27.5	27.7	28.2	29.0	33.0	33.6	33.7	34.2	35.0
12H	4H	26.4	27.2	27.1	27.8	28.5	29.7	30.4	30.3	31.1	31.8
	6H	27.1	27.7	27.7	28.3	29.1	31.3	31.9	31.9	32.5	33.3
	8H	27.3	27.9	28.0	28.5	29.3	32.2	32.7	32.8	33.4	34.2

Maximum UGR = 35.0

POLAR GRAPH



Maximum Candela = 2300.5 Located At Horizontal Angle = 90, Vertical Angle = .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 (.5) (Through Max. Cd.)