



IES INDOOR REPORT
PHOTOMETRIC FILENAME : HIGH-8-835-U10-SM-WP.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] 14298494.01_modified to 8ft length
 [TESTLAB] UL LLC
 [ISSUEDATE] 4/29/2022
 [MANUFAC] Lux Dynamics
 [LUMCAT] HIGH-8-835-U10-SM-WP
 [LUMINAIRE] HIGH Line LED Fixture, 8' Length, 3500K, White Polycarbonate Lens
 [LAMP] White LED array
 [BALLAST] Four (4) 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	24025
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	112
Total Luminaire Watts	213.602
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)	7.67 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	41517	33542	31769
55	39948	30337	29180
65	37337	27005	26882
75	31397	24080	24872
85	19900	21144	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	6524.0	6524.0	6524.0	6524.0	6524.0
0.5	6494.0	6526.0	6522.0	6524.0	6564.0
1.0	6490.0	6528.0	6522.0	6522.0	6558.0
1.5	6492.0	6524.0	6516.0	6516.0	6568.0
2.0	6486.0	6518.0	6518.0	6514.0	6560.0
2.5	6486.0	6518.0	6520.0	6516.0	6560.0
3.0	6480.0	6514.0	6516.0	6512.0	6558.0
3.5	6480.0	6514.0	6508.0	6512.0	6550.0
4.0	6476.0	6510.0	6502.0	6508.0	6546.0
4.5	6466.0	6502.0	6500.0	6500.0	6538.0
5.0	6460.0	6496.0	6496.0	6498.0	6540.0
5.5	6458.0	6490.0	6490.0	6492.0	6538.0
6.0	6456.0	6486.0	6486.0	6488.0	6536.0
6.5	6444.0	6480.0	6480.0	6478.0	6526.0
7.0	6440.0	6472.0	6472.0	6472.0	6518.0
7.5	6432.0	6464.0	6462.0	6466.0	6510.0
8.0	6424.0	6456.0	6454.0	6462.0	6506.0
8.5	6420.0	6446.0	6448.0	6454.0	6494.0
9.0	6404.0	6440.0	6438.0	6444.0	6490.0
9.5	6398.0	6428.0	6428.0	6432.0	6480.0
10.0	6384.0	6418.0	6416.0	6426.0	6470.0
10.5	6376.0	6408.0	6408.0	6418.0	6460.0
11.0	6362.0	6396.0	6396.0	6402.0	6448.0
11.5	6350.0	6384.0	6388.0	6392.0	6438.0
12.0	6332.0	6372.0	6376.0	6380.0	6426.0
12.5	6320.0	6358.0	6364.0	6370.0	6410.0
13.0	6310.0	6340.0	6346.0	6354.0	6398.0
13.5	6302.0	6328.0	6340.0	6340.0	6388.0
14.0	6288.0	6318.0	6326.0	6328.0	6370.0
14.5	6274.0	6302.0	6314.0	6312.0	6364.0
15.0	6254.0	6288.0	6290.0	6300.0	6346.0
15.5	6236.0	6270.0	6278.0	6288.0	6336.0
16.0	6222.0	6250.0	6262.0	6272.0	6320.0
16.5	6204.0	6238.0	6240.0	6256.0	6300.0
17.0	6186.0	6224.0	6224.0	6240.0	6278.0
17.5	6160.0	6206.0	6204.0	6220.0	6262.0
18.0	6140.0	6182.0	6188.0	6202.0	6246.0
18.5	6128.0	6166.0	6170.0	6176.0	6224.0
19.0	6106.0	6142.0	6150.0	6164.0	6214.0
19.5	6088.0	6124.0	6130.0	6146.0	6194.0
20.0	6068.0	6098.0	6112.0	6122.0	6176.0
20.5	6040.0	6080.0	6094.0	6106.0	6138.0
21.0	6018.0	6062.0	6062.0	6090.0	6134.0
21.5	6014.0	6034.0	6046.0	6072.0	6108.0
22.0	5978.0	6004.0	6028.0	6044.0	6094.0
22.5	5960.0	5986.0	6006.0	6024.0	6076.0
23.0	5942.0	5962.0	5976.0	5994.0	6048.0
23.5	5918.0	5938.0	5964.0	5970.0	6018.0
24.0	5892.0	5920.0	5932.0	5952.0	5998.0
24.5	5894.0	5880.0	5904.0	5918.0	5966.0
25.0	5866.0	5862.0	5876.0	5902.0	5948.0
25.5	5794.0	5834.0	5856.0	5858.0	5918.0
26.0	5796.0	5808.0	5824.0	5848.0	5918.0
26.5	5746.0	5792.0	5802.0	5824.0	5878.0

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CANDELA TABULATION - (Cont.)

27.0	5730.0	5764.0	5776.0	5798.0	5838.0
27.5	5702.0	5714.0	5756.0	5776.0	5824.0
28.0	5686.0	5680.0	5726.0	5730.0	5786.0
28.5	5646.0	5674.0	5688.0	5720.0	5774.0
29.0	5610.0	5632.0	5670.0	5694.0	5744.0
29.5	5582.0	5610.0	5628.0	5656.0	5732.0
30.0	5538.0	5576.0	5604.0	5638.0	5694.0
30.5	5498.0	5552.0	5568.0	5604.0	5660.0
31.0	5484.0	5514.0	5538.0	5568.0	5626.0
31.5	5436.0	5494.0	5518.0	5544.0	5594.0
32.0	5406.0	5440.0	5468.0	5522.0	5578.0
32.5	5380.0	5414.0	5450.0	5492.0	5528.0
33.0	5358.0	5374.0	5414.0	5460.0	5502.0
33.5	5314.0	5348.0	5390.0	5426.0	5492.0
34.0	5294.0	5316.0	5346.0	5394.0	5434.0
34.5	5256.0	5274.0	5328.0	5374.0	5404.0
35.0	5214.0	5244.0	5282.0	5332.0	5378.0
35.5	5168.0	5218.0	5246.0	5288.0	5338.0
36.0	5156.0	5172.0	5222.0	5248.0	5316.0
36.5	5086.0	5140.0	5176.0	5232.0	5258.0
37.0	5074.0	5100.0	5134.0	5200.0	5254.0
37.5	5032.0	5070.0	5114.0	5154.0	5206.0
38.0	4996.0	5030.0	5080.0	5128.0	5178.0
38.5	4948.0	4980.0	5050.0	5088.0	5146.0
39.0	4912.0	4952.0	5006.0	5054.0	5098.0
39.5	4868.0	4916.0	4966.0	5010.0	5066.0
40.0	4834.0	4880.0	4936.0	4980.0	5014.0
40.5	4786.0	4836.0	4896.0	4942.0	5010.0
41.0	4754.0	4792.0	4850.0	4912.0	4938.0
41.5	4710.0	4754.0	4808.0	4866.0	4906.0
42.0	4664.0	4716.0	4778.0	4832.0	4882.0
42.5	4622.0	4678.0	4742.0	4788.0	4854.0
43.0	4580.0	4636.0	4692.0	4750.0	4804.0
43.5	4538.0	4590.0	4654.0	4714.0	4762.0
44.0	4488.0	4548.0	4616.0	4680.0	4720.0
44.5	4446.0	4502.0	4576.0	4640.0	4696.0
45.0	4400.0	4464.0	4536.0	4596.0	4660.0
45.5	4356.0	4418.0	4490.0	4560.0	4624.0
46.0	4310.0	4374.0	4450.0	4528.0	4582.0
46.5	4260.0	4332.0	4406.0	4486.0	4556.0
47.0	4220.0	4290.0	4358.0	4440.0	4512.0
47.5	4174.0	4244.0	4318.0	4406.0	4478.0
48.0	4126.0	4200.0	4278.0	4368.0	4442.0
48.5	4078.0	4154.0	4232.0	4328.0	4400.0
49.0	4032.0	4108.0	4186.0	4294.0	4364.0
49.5	3984.0	4060.0	4140.0	4256.0	4324.0
50.0	3936.0	4018.0	4098.0	4216.0	4290.0
50.5	3886.0	3970.0	4052.0	4178.0	4250.0
51.0	3840.0	3920.0	4008.0	4138.0	4210.0
51.5	3792.0	3876.0	3960.0	4102.0	4170.0
52.0	3744.0	3828.0	3918.0	4060.0	4136.0
52.5	3694.0	3778.0	3872.0	4020.0	4094.0
53.0	3652.0	3730.0	3828.0	3982.0	4056.0
53.5	3600.0	3684.0	3780.0	3944.0	4014.0
54.0	3548.0	3634.0	3738.0	3904.0	3978.0
54.5	3500.0	3580.0	3692.0	3862.0	3936.0

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55.0	3450.0	3532.0	3648.0	3824.0	3896.0
55.5	3398.0	3484.0	3602.0	3782.0	3860.0
56.0	3348.0	3434.0	3558.0	3740.0	3818.0
56.5	3296.0	3384.0	3514.0	3700.0	3782.0
57.0	3246.0	3332.0	3466.0	3658.0	3740.0
57.5	3196.0	3280.0	3424.0	3622.0	3700.0
58.0	3138.0	3228.0	3380.0	3578.0	3660.0
58.5	3088.0	3174.0	3334.0	3536.0	3624.0
59.0	3032.0	3124.0	3292.0	3496.0	3580.0
59.5	2984.0	3074.0	3244.0	3456.0	3544.0
60.0	2932.0	3020.0	3200.0	3416.0	3500.0
60.5	2880.0	2966.0	3156.0	3374.0	3462.0
61.0	2826.0	2914.0	3110.0	3332.0	3424.0
61.5	2774.0	2860.0	3066.0	3296.0	3386.0
62.0	2718.0	2808.0	3018.0	3254.0	3350.0
62.5	2662.0	2754.0	2972.0	3214.0	3312.0
63.0	2608.0	2698.0	2928.0	3176.0	3274.0
63.5	2556.0	2646.0	2884.0	3138.0	3236.0
64.0	2500.0	2590.0	2838.0	3096.0	3198.0
64.5	2446.0	2540.0	2790.0	3058.0	3160.0
65.0	2394.0	2486.0	2744.0	3020.0	3126.0
65.5	2344.0	2432.0	2702.0	2982.0	3086.0
66.0	2288.0	2380.0	2660.0	2944.0	3050.0
66.5	2230.0	2328.0	2616.0	2906.0	3010.0
67.0	2174.0	2274.0	2570.0	2870.0	2974.0
67.5	2116.0	2222.0	2526.0	2828.0	2936.0
68.0	2058.0	2168.0	2484.0	2790.0	2896.0
68.5	2000.0	2116.0	2446.0	2752.0	2860.0
69.0	1941.8	2062.0	2404.0	2714.0	2822.0
69.5	1883.4	2010.0	2366.0	2674.0	2784.0
70.0	1824.6	1957.8	2322.0	2640.0	2750.0
70.5	1767.0	1907.2	2282.0	2602.0	2714.0
71.0	1709.0	1856.4	2244.0	2560.0	2674.0
71.5	1651.2	1806.2	2204.0	2524.0	2634.0
72.0	1594.0	1756.0	2162.0	2486.0	2598.0
72.5	1537.4	1706.8	2122.0	2454.0	2562.0
73.0	1480.2	1657.4	2082.0	2416.0	2524.0
73.5	1423.4	1607.2	2042.0	2376.0	2488.0
74.0	1365.8	1558.8	2002.0	2340.0	2454.0
74.5	1309.4	1509.4	1962.8	2304.0	2414.0
75.0	1253.6	1461.4	1923.6	2268.0	2376.0
75.5	1197.8	1413.8	1884.4	2232.0	2342.0
76.0	1143.0	1367.2	1845.0	2194.0	2308.0
76.5	1088.2	1321.0	1805.4	2156.0	2270.0
77.0	1034.6	1275.8	1766.6	2118.0	2234.0
77.5	981.0	1231.4	1727.8	2082.0	2196.0
78.0	928.8	1188.2	1689.4	2044.0	2160.0
78.5	876.4	1145.6	1651.4	2006.0	2122.0
79.0	826.0	1103.6	1613.2	1968.6	2086.0
79.5	776.2	1062.8	1575.0	1931.4	2048.0
80.0	726.8	1022.8	1537.2	1894.6	2012.0
80.5	678.2	983.0	1499.6	1857.4	1976.2
81.0	631.4	944.0	1462.2	1820.0	1940.0
81.5	585.0	906.0	1425.2	1783.8	1904.2
82.0	539.2	868.8	1389.2	1747.0	1867.6
82.5	495.0	832.4	1353.8	1710.8	1832.2

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CANDELA TABULATION - (Cont.)

83.0	451.4	796.2	1317.6	1675.0	1796.0
83.5	408.8	761.0	1282.4	1639.2	1761.2
84.0	367.6	726.6	1247.4	1603.6	1726.4
84.5	327.6	693.2	1212.8	1566.4	1692.6
85.0	289.0	660.2	1178.4	1531.6	1658.0
85.5	251.8	628.4	1144.6	1497.8	1623.6
86.0	215.8	597.0	1111.0	1465.0	1590.8
86.5	180.4	567.2	1078.2	1432.0	1557.8
87.0	146.2	538.0	1046.2	1401.0	1526.6
87.5	114.0	510.4	1016.6	1371.2	1496.6
88.0	83.8	485.0	988.4	1343.8	1468.2
88.5	57.8	461.4	963.4	1318.0	1442.6
89.0	37.0	440.4	939.6	1294.2	1418.8
89.5	23.2	422.6	919.2	1272.2	1396.0
90.0	16.0	407.4	899.6	1251.2	1374.4
90.5	13.8	394.6	882.4	1231.8	1354.6
91.0	14.2	383.4	866.4	1214.0	1336.2
91.5	14.8	373.4	852.0	1197.2	1319.4
92.0	15.6	364.4	839.6	1182.6	1304.0
92.5	16.4	355.6	827.4	1168.8	1289.6
93.0	17.0	347.0	815.4	1155.2	1276.0
93.5	17.8	339.2	804.0	1142.0	1261.8
94.0	18.6	331.4	792.6	1128.8	1248.2
94.5	19.8	323.8	781.6	1115.4	1235.2
95.0	21.0	316.4	770.6	1102.2	1221.6
95.5	21.8	309.8	759.2	1089.2	1208.0
96.0	22.4	302.8	747.8	1076.2	1194.4
96.5	23.2	296.6	736.6	1063.2	1181.0
97.0	24.2	290.2	725.2	1050.2	1167.4
97.5	25.2	284.8	714.2	1037.4	1153.8
98.0	26.2	279.4	703.6	1024.8	1140.6
98.5	28.0	274.8	692.8	1012.0	1127.4
99.0	30.0	270.6	682.2	999.4	1114.2
99.5	31.8	267.4	672.0	987.0	1101.2
100.0	33.2	264.6	661.6	974.6	1088.2
100.5	34.4	262.2	651.6	962.2	1075.2
101.0	35.8	260.2	642.0	950.2	1061.8
101.5	37.2	259.0	632.2	937.8	1048.8
102.0	38.6	258.6	622.8	925.6	1035.8
102.5	40.4	258.4	613.6	913.0	1022.8
103.0	42.2	258.6	604.4	901.2	1010.0
103.5	44.4	259.4	595.4	889.2	997.0
104.0	46.4	260.0	586.8	877.4	984.4
104.5	48.6	260.4	578.2	865.4	971.4
105.0	50.6	260.8	569.8	854.0	959.4
105.5	52.8	261.6	562.2	842.0	947.0
106.0	54.8	262.2	554.8	830.4	934.6
106.5	56.8	263.2	547.8	819.0	922.4
107.0	58.6	263.8	541.4	807.6	910.2
107.5	60.4	264.6	535.0	796.4	897.8
108.0	62.2	265.6	529.2	785.4	885.2
108.5	64.0	266.4	523.4	774.4	874.0
109.0	66.0	267.4	518.6	764.0	862.4
109.5	68.0	268.0	513.4	753.6	850.2
110.0	69.8	268.8	509.0	744.2	838.6
110.5	72.0	269.2	505.6	734.4	827.4

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CANDELA TABULATION - (Cont.)

111.0	73.8	269.4	503.2	725.6	816.4
111.5	75.8	269.8	500.6	716.8	806.0
112.0	77.8	270.4	498.8	708.2	796.0
112.5	79.6	270.6	497.2	699.6	786.4
113.0	81.6	270.6	496.0	692.0	776.4
113.5	83.4	270.4	495.0	684.4	767.0
114.0	85.4	270.6	493.8	677.6	758.0
114.5	87.4	271.0	493.2	670.8	749.8
115.0	89.2	271.4	492.6	664.6	741.4
115.5	91.2	271.6	492.0	659.0	733.4
116.0	93.2	272.2	491.6	653.8	726.2
116.5	95.0	272.4	490.6	649.6	718.8
117.0	96.8	272.8	490.0	645.8	712.4
117.5	98.6	273.0	488.6	642.6	707.4
118.0	100.2	273.0	487.8	639.2	702.4
118.5	101.8	273.2	486.8	636.8	697.8
119.0	103.6	273.4	485.6	634.2	693.4
119.5	104.8	273.6	484.4	631.6	689.2
120.0	106.0	274.0	483.0	629.0	685.0
120.5	107.4	274.2	481.6	626.8	681.2
121.0	108.6	274.2	480.2	625.2	678.2
121.5	110.0	274.4	478.8	623.2	674.6
122.0	111.4	274.2	477.2	621.2	671.4
122.5	112.6	273.6	475.6	618.6	668.4
123.0	113.8	273.6	474.4	616.4	665.2
123.5	114.8	272.8	472.4	613.6	661.8
124.0	116.0	271.6	469.2	611.2	659.0
124.5	117.0	269.6	465.4	609.0	655.8
125.0	118.0	267.2	461.2	606.6	652.6
125.5	119.0	266.4	458.4	604.0	649.8
126.0	120.2	266.0	457.2	601.2	647.6
126.5	121.2	267.8	456.8	598.4	645.4
127.0	122.2	269.4	456.2	595.6	643.0
127.5	123.0	269.8	455.0	593.2	640.6
128.0	124.0	268.8	453.4	590.4	638.0
128.5	125.0	267.4	452.4	588.0	635.4
129.0	126.0	266.2	450.6	585.4	632.4
129.5	126.8	265.0	449.0	582.8	629.2
130.0	127.8	263.6	447.0	579.6	626.2
130.5	128.8	262.2	444.6	576.8	622.8
131.0	129.8	260.6	442.2	574.0	619.8
131.5	130.6	259.0	439.4	570.4	616.2
132.0	131.4	257.6	436.2	567.2	613.2
132.5	132.2	256.0	432.6	564.0	609.4
133.0	132.8	254.4	429.2	560.2	606.2
133.5	133.4	252.6	424.4	555.2	602.2
134.0	134.2	251.0	420.2	550.0	598.2
134.5	134.8	249.6	416.2	544.0	595.0
135.0	135.4	248.0	412.2	538.8	590.8
135.5	136.2	246.2	409.0	534.6	587.0
136.0	136.8	244.6	405.4	532.0	582.8
136.5	137.2	242.8	402.0	529.6	578.8
137.0	138.0	241.0	398.2	526.2	574.6
137.5	138.6	239.2	393.8	523.4	570.4
138.0	139.0	237.6	389.0	520.2	566.2
138.5	139.4	235.6	383.6	516.6	562.4

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	140.2	233.8	377.8	512.8	558.0
139.5	140.6	231.8	373.4	509.0	553.6
140.0	141.2	230.0	369.6	505.6	549.4
140.5	141.6	228.0	366.6	501.8	545.0
141.0	142.2	226.4	362.6	498.0	540.8
141.5	142.4	224.2	359.0	494.4	536.2
142.0	143.6	222.4	355.2	490.2	531.6
142.5	145.2	221.0	353.2	486.2	527.2
143.0	146.8	219.4	351.4	482.4	522.6
143.5	148.6	218.2	350.0	478.6	516.6
144.0	150.4	217.0	348.6	474.0	508.8
144.5	152.4	215.4	346.2	469.4	500.0
145.0	154.4	214.0	343.2	464.4	492.2
145.5	156.4	212.6	340.4	459.2	485.8
146.0	158.4	211.2	337.4	454.2	480.6
146.5	160.4	210.2	334.4	449.0	477.2
147.0	162.2	209.4	330.8	443.0	475.4
147.5	163.8	208.4	327.4	436.6	472.0
148.0	165.6	207.4	323.8	430.4	468.0
148.5	167.2	206.2	320.0	424.0	464.2
149.0	169.0	205.0	316.8	418.0	459.6
149.5	171.0	203.8	313.0	411.6	455.4
150.0	173.2	202.2	309.4	405.0	450.8
150.5	174.8	200.6	305.6	397.4	446.4
151.0	176.4	199.0	301.6	389.0	442.2
151.5	178.0	197.6	297.8	381.6	437.8
152.0	179.4	196.6	294.0	374.6	433.0
152.5	180.8	195.8	289.8	368.0	428.4
153.0	182.2	195.0	286.0	362.0	423.2
153.5	183.6	194.2	282.2	357.2	419.0
154.0	185.0	193.2	278.2	352.4	414.4
154.5	186.4	192.0	274.2	347.6	409.4
155.0	188.2	191.0	270.0	343.0	405.0
155.5	189.8	190.0	266.2	338.2	400.4
156.0	191.4	189.0	262.4	332.8	395.6
156.5	192.8	188.0	258.4	327.0	391.0
157.0	194.2	187.0	255.2	321.4	385.8
157.5	196.0	185.8	251.8	315.4	380.6
158.0	198.0	185.0	248.2	308.8	375.0
158.5	200.0	184.4	245.0	301.2	369.4
159.0	202.0	184.2	241.4	293.6	363.4
159.5	203.6	184.2	238.2	286.2	357.4
160.0	205.0	185.2	234.8	279.4	350.4
160.5	206.6	187.6	230.8	272.4	343.8
161.0	208.4	190.6	227.2	265.8	337.0
161.5	210.0	193.6	223.8	260.0	329.2
162.0	211.8	196.4	220.4	254.2	322.2
162.5	213.8	199.0	217.4	248.0	315.4
163.0	215.2	201.4	214.4	241.6	309.0
163.5	216.2	202.8	211.0	235.0	302.4
164.0	217.4	203.6	207.6	228.2	296.0
164.5	218.8	203.6	204.4	221.2	290.0
165.0	220.2	203.8	201.2	215.0	282.6
165.5	221.8	204.6	198.4	209.6	275.0
166.0	223.4	205.8	195.6	204.2	266.8
166.5	225.2	207.4	193.2	198.8	260.2

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CANDELA TABULATION - (Cont.)

167.0	226.8	209.2	191.0	193.8	254.6
167.5	228.4	211.2	189.0	188.4	249.6
168.0	230.0	213.2	188.2	183.8	244.4
168.5	231.6	215.8	189.4	179.4	239.6
169.0	233.4	218.6	193.4	175.2	234.0
169.5	235.0	222.2	198.6	171.8	224.0
170.0	236.0	226.2	202.0	169.0	199.4
170.5	236.8	229.4	204.0	166.8	169.4
171.0	237.4	232.4	204.6	166.0	154.0
171.5	238.0	234.6	203.8	168.6	151.6
172.0	238.6	236.0	202.0	173.6	154.4
172.5	239.6	237.0	201.0	176.4	154.2
173.0	239.8	238.0	200.8	176.2	138.2
173.5	240.4	238.8	202.2	174.4	114.8
174.0	241.4	239.0	206.2	172.0	97.2
174.5	242.2	239.6	210.8	170.6	91.4
175.0	242.6	239.8	215.8	172.2	90.2
175.5	243.2	240.0	219.4	177.0	89.8
176.0	244.2	240.4	222.2	182.8	93.0
176.5	244.8	241.0	224.4	187.0	97.6
177.0	245.4	241.6	225.4	188.8	102.2
177.5	245.8	242.2	226.2	188.8	104.0
178.0	246.0	242.8	227.2	188.4	104.4
178.5	246.2	243.4	227.8	188.4	105.2
179.0	246.8	243.8	228.6	188.4	106.0
179.5	246.4	244.0	229.0	188.8	106.8
180.0	209.8	209.8	209.8	209.8	209.8

IES INDOOR REPORT
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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	2394.94	N.A.	10.00
0-30	5107.81	N.A.	21.30
0-40	8416.72	N.A.	35.00
0-60	15195.05	N.A.	63.20
0-80	19898.77	N.A.	82.80
0-90	21098.63	N.A.	87.80
10-90	20480.73	N.A.	85.20
20-40	6021.79	N.A.	25.10
20-50	9518.79	N.A.	39.60
40-70	9506.29	N.A.	39.60
60-80	4703.71	N.A.	19.60
70-80	1975.75	N.A.	8.20
80-90	1199.86	N.A.	5.00
90-110	1351.84	N.A.	5.60
90-120	1812.8	N.A.	7.50
90-130	2200.25	N.A.	9.20
90-150	2715.41	N.A.	11.30
90-180	2925.94	N.A.	12.20
110-180	1574.1	N.A.	6.60
0-180	24024.57	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	617.89
10-20	1777.04
20-30	2712.87
30-40	3308.91
40-50	3497.01
50-60	3281.32
60-70	2727.96
70-80	1975.75
80-90	1199.86
90-100	769.79
100-110	582.04
110-120	460.96
120-130	387.45
130-140	303.48
140-150	211.67
150-160	128.22
160-170	63.09
170-180	19.23

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	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

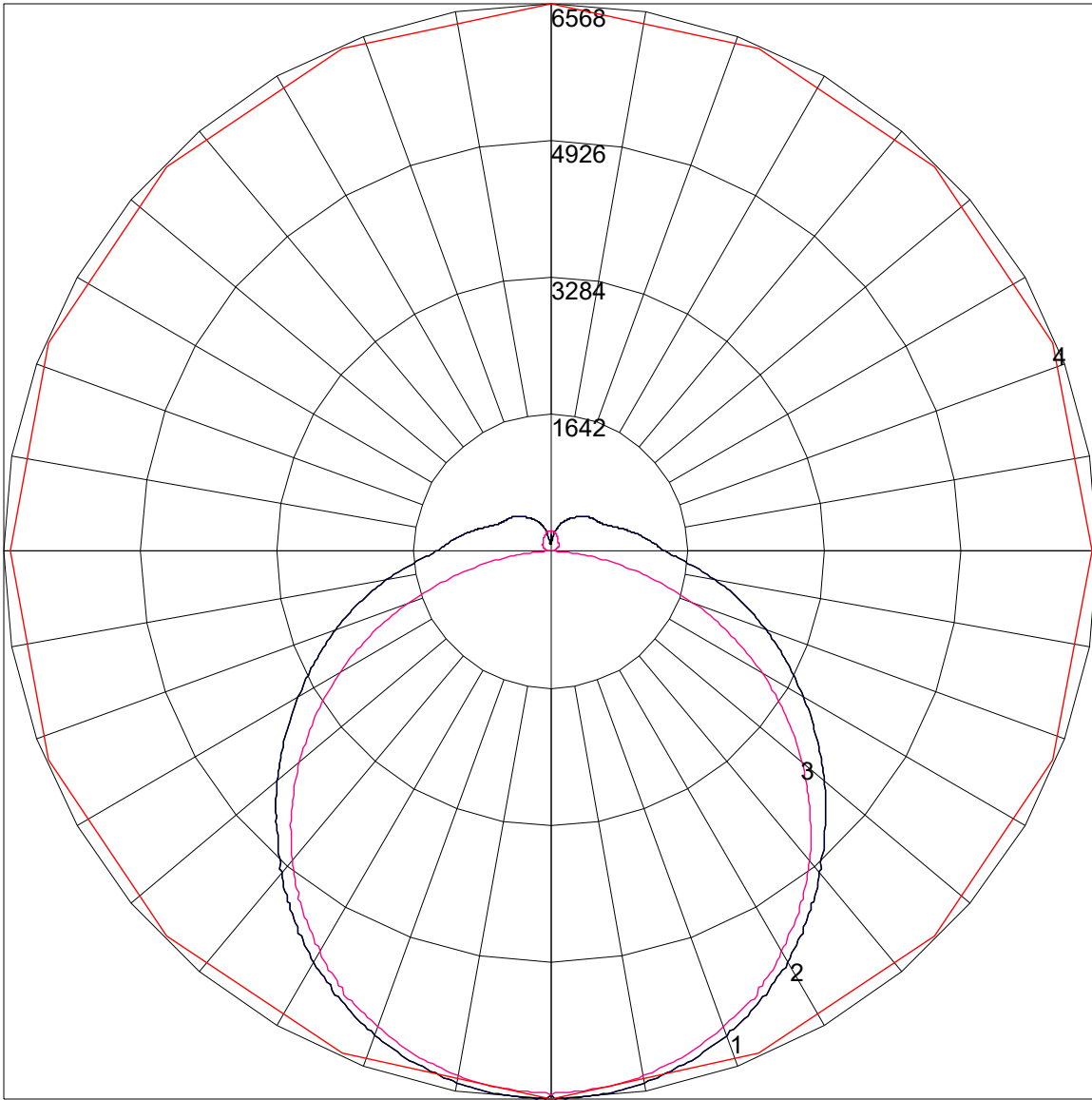
IES INDOOR REPORT
PHOTOMETRIC FILENAME : HIGH-8-835-U10-SM-WP.IES

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	24.0	25.4	24.5	25.9	26.5
	3H	23.8	25.1	24.3	25.6	26.3	26.4	27.8	27.0	28.3	29.0
	4H	24.2	25.5	24.8	26.1	26.7	27.7	28.9	28.2	29.5	30.1
	6H	24.5	25.7	25.1	26.3	26.9	28.9	30.1	29.5	30.7	31.3
	8H	24.6	25.7	25.2	26.3	27.0	29.6	30.7	30.2	31.3	32.0
	12H	24.6	25.7	25.2	26.3	27.0	30.3	31.4	30.9	32.0	32.7
4H	2H	23.0	24.3	23.6	24.8	25.5	24.4	25.6	25.0	26.2	26.8
	3H	24.8	25.8	25.4	26.4	27.1	27.1	28.2	27.7	28.8	29.4
	4H	25.4	26.4	26.0	27.0	27.7	28.5	29.5	29.1	30.1	30.8
	6H	25.8	26.7	26.4	27.3	28.0	29.9	30.8	30.6	31.4	32.2
	8H	25.9	26.7	26.5	27.4	28.1	30.7	31.5	31.3	32.1	32.9
	12H	26.0	26.7	26.6	27.4	28.1	31.5	32.3	32.2	32.9	33.7
8H	4H	26.0	26.8	26.7	27.5	28.2	28.7	29.5	29.3	30.1	30.9
	6H	26.6	27.3	27.3	28.0	28.7	30.3	31.0	31.0	31.7	32.4
	8H	26.8	27.4	27.5	28.1	28.8	31.2	31.8	31.9	32.5	33.2
	12H	26.9	27.5	27.6	28.1	28.9	32.2	32.7	32.9	33.4	34.2
12H	4H	26.2	26.9	26.8	27.6	28.3	28.7	29.4	29.4	30.1	30.8
	6H	26.9	27.5	27.6	28.2	28.9	30.4	31.0	31.0	31.6	32.4
	8H	27.1	27.7	27.8	28.4	29.2	31.3	31.8	31.9	32.5	33.3

Maximum UGR = 34.2

POLAR GRAPH



Maximum Candela = 6568 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.)