



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

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] 14298494.04_modified to 8ft length
 [TESTLAB] UL LLC
 [ISSUEDATE] 4/29/2022
 [MANUFAC] Lux Dynamics
 [LUMCAT] HIGH-8-835-U10-SM-CA
 [LUMINAIRE] HIGH Line LED Fixture, 8' Length, 3500K, Clear Acrylic 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	33238
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	155
Total Luminaire Watts	214.262
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)	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	60256	49352	48131
55	51133	43294	48115
65	37992	43421	46213
75	22371	38580	33393
85	10508	31178	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	9930.0	9930.0	9930.0	9930.0	9930.0
0.5	9846.0	9930.0	9936.0	9932.0	9996.0
1.0	9846.0	9932.0	9938.0	9940.0	10008.0
1.5	9840.0	9932.0	9946.0	9952.0	10024.0
2.0	9840.0	9930.0	9954.0	9970.0	10044.0
2.5	9838.0	9930.0	9964.0	9986.0	10060.0
3.0	9832.0	9932.0	9974.0	10002.0	10080.0
3.5	9826.0	9932.0	9984.0	10016.0	10086.0
4.0	9818.0	9934.0	9998.0	10024.0	10094.0
4.5	9808.0	9934.0	10002.0	10030.0	10106.0
5.0	9802.0	9936.0	10010.0	10050.0	10138.0
5.5	9794.0	9936.0	10016.0	10074.0	10172.0
6.0	9786.0	9938.0	10024.0	10108.0	10212.0
6.5	9776.0	9938.0	10032.0	10142.0	10256.0
7.0	9766.0	9936.0	10046.0	10180.0	10292.0
7.5	9758.0	9934.0	10066.0	10210.0	10322.0
8.0	9744.0	9932.0	10086.0	10240.0	10346.0
8.5	9732.0	9926.0	10104.0	10254.0	10358.0
9.0	9718.0	9920.0	10126.0	10264.0	10360.0
9.5	9710.0	9914.0	10140.0	10270.0	10362.0
10.0	9696.0	9910.0	10152.0	10262.0	10352.0
10.5	9680.0	9900.0	10160.0	10254.0	10334.0
11.0	9660.0	9896.0	10164.0	10242.0	10302.0
11.5	9650.0	9888.0	10162.0	10216.0	10270.0
12.0	9628.0	9884.0	10154.0	10188.0	10240.0
12.5	9612.0	9878.0	10144.0	10154.0	10204.0
13.0	9592.0	9870.0	10128.0	10120.0	10174.0
13.5	9572.0	9868.0	10104.0	10086.0	10140.0
14.0	9556.0	9858.0	10082.0	10052.0	10108.0
14.5	9536.0	9850.0	10054.0	10016.0	10082.0
15.0	9518.0	9840.0	10022.0	9978.0	10068.0
15.5	9492.0	9830.0	9984.0	9950.0	10054.0
16.0	9472.0	9816.0	9944.0	9928.0	10050.0
16.5	9446.0	9802.0	9900.0	9906.0	10040.0
17.0	9426.0	9784.0	9858.0	9894.0	10036.0
17.5	9404.0	9764.0	9814.0	9880.0	10018.0
18.0	9380.0	9738.0	9768.0	9866.0	10000.0
18.5	9352.0	9712.0	9724.0	9844.0	9976.0
19.0	9330.0	9686.0	9686.0	9820.0	9948.0
19.5	9304.0	9658.0	9640.0	9796.0	9916.0
20.0	9278.0	9624.0	9604.0	9768.0	9876.0
20.5	9250.0	9592.0	9570.0	9738.0	9834.0
21.0	9222.0	9550.0	9536.0	9702.0	9776.0
21.5	9192.0	9512.0	9500.0	9664.0	9716.0
22.0	9158.0	9468.0	9466.0	9612.0	9664.0
22.5	9122.0	9424.0	9434.0	9558.0	9612.0
23.0	9092.0	9376.0	9400.0	9500.0	9570.0
23.5	9056.0	9326.0	9364.0	9440.0	9534.0
24.0	9022.0	9272.0	9320.0	9386.0	9486.0
24.5	8990.0	9214.0	9282.0	9342.0	9440.0
25.0	8950.0	9160.0	9238.0	9300.0	9380.0
25.5	8914.0	9098.0	9192.0	9252.0	9324.0
26.0	8876.0	9038.0	9144.0	9204.0	9260.0
26.5	8838.0	8972.0	9096.0	9152.0	9194.0

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CANDELA TABULATION - (Cont.)

27.0	8796.0	8908.0	9046.0	9096.0	9130.0
27.5	8758.0	8842.0	8988.0	9040.0	9062.0
28.0	8716.0	8770.0	8926.0	8980.0	8988.0
28.5	8672.0	8700.0	8862.0	8922.0	8916.0
29.0	8630.0	8630.0	8796.0	8860.0	8846.0
29.5	8582.0	8562.0	8724.0	8792.0	8784.0
30.0	8538.0	8494.0	8654.0	8722.0	8730.0
30.5	8486.0	8422.0	8588.0	8654.0	8672.0
31.0	8438.0	8356.0	8524.0	8588.0	8618.0
31.5	8380.0	8288.0	8468.0	8524.0	8568.0
32.0	8334.0	8218.0	8406.0	8464.0	8522.0
32.5	8276.0	8156.0	8348.0	8410.0	8476.0
33.0	8218.0	8088.0	8284.0	8354.0	8440.0
33.5	8164.0	8020.0	8228.0	8296.0	8398.0
34.0	8110.0	7950.0	8168.0	8238.0	8364.0
34.5	8046.0	7888.0	8106.0	8180.0	8326.0
35.0	7984.0	7814.0	8046.0	8132.0	8278.0
35.5	7920.0	7750.0	7986.0	8082.0	8236.0
36.0	7852.0	7680.0	7920.0	8034.0	8182.0
36.5	7792.0	7596.0	7858.0	7986.0	8118.0
37.0	7722.0	7526.0	7802.0	7936.0	8048.0
37.5	7656.0	7454.0	7732.0	7882.0	7974.0
38.0	7586.0	7380.0	7662.0	7828.0	7892.0
38.5	7510.0	7298.0	7598.0	7764.0	7814.0
39.0	7412.0	7230.0	7536.0	7698.0	7738.0
39.5	7362.0	7160.0	7470.0	7620.0	7664.0
40.0	7284.0	7070.0	7388.0	7540.0	7596.0
40.5	7206.0	6996.0	7332.0	7462.0	7532.0
41.0	7104.0	6904.0	7262.0	7380.0	7460.0
41.5	7014.0	6844.0	7176.0	7306.0	7408.0
42.0	6944.0	6748.0	7108.0	7226.0	7338.0
42.5	6874.0	6684.0	7048.0	7164.0	7268.0
43.0	6762.0	6592.0	6964.0	7090.0	7202.0
43.5	6658.0	6510.0	6892.0	7036.0	7158.0
44.0	6584.0	6422.0	6816.0	6968.0	7122.0
44.5	6486.0	6338.0	6736.0	6882.0	7086.0
45.0	6386.0	6244.0	6674.0	6834.0	7060.0
45.5	6308.0	6164.0	6610.0	6782.0	7034.0
46.0	6196.0	6082.0	6522.0	6710.0	7022.0
46.5	6110.0	6004.0	6450.0	6666.0	7026.0
47.0	6008.0	5916.0	6362.0	6638.0	7034.0
47.5	5912.0	5828.0	6282.0	6618.0	7082.0
48.0	5818.0	5746.0	6194.0	6598.0	7088.0
48.5	5720.0	5658.0	6114.0	6594.0	7120.0
49.0	5622.0	5568.0	6034.0	6588.0	7168.0
49.5	5518.0	5484.0	5952.0	6614.0	7186.0
50.0	5418.0	5400.0	5874.0	6628.0	7162.0
50.5	5322.0	5310.0	5796.0	6644.0	7152.0
51.0	5222.0	5222.0	5718.0	6678.0	7112.0
51.5	5120.0	5136.0	5642.0	6696.0	7036.0
52.0	5020.0	5050.0	5572.0	6686.0	6956.0
52.5	4922.0	4964.0	5500.0	6682.0	6854.0
53.0	4822.0	4880.0	5432.0	6660.0	6780.0
53.5	4722.0	4794.0	5368.0	6598.0	6668.0
54.0	4620.0	4710.0	5310.0	6536.0	6568.0
54.5	4518.0	4622.0	5254.0	6460.0	6480.0

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55.0	4416.0	4538.0	5206.0	6372.0	6424.0
55.5	4318.0	4450.0	5166.0	6288.0	6380.0
56.0	4214.0	4364.0	5130.0	6198.0	6342.0
56.5	4110.0	4276.0	5108.0	6124.0	6310.0
57.0	4014.0	4186.0	5084.0	6056.0	6294.0
57.5	3910.0	4100.0	5064.0	5998.0	6256.0
58.0	3808.0	4012.0	5044.0	5942.0	6244.0
58.5	3708.0	3926.0	5022.0	5898.0	6228.0
59.0	3608.0	3842.0	4996.0	5858.0	6194.0
59.5	3510.0	3756.0	4960.0	5820.0	6146.0
60.0	3410.0	3672.0	4920.0	5786.0	6090.0
60.5	3310.0	3590.0	4874.0	5742.0	6036.0
61.0	3206.0	3506.0	4824.0	5700.0	5968.0
61.5	3110.0	3426.0	4770.0	5646.0	5914.0
62.0	3010.0	3346.0	4714.0	5592.0	5856.0
62.5	2916.0	3264.0	4660.0	5534.0	5788.0
63.0	2820.0	3186.0	4606.0	5472.0	5724.0
63.5	2720.0	3112.0	4556.0	5410.0	5652.0
64.0	2622.0	3032.0	4512.0	5348.0	5564.0
64.5	2530.0	2958.0	4460.0	5288.0	5472.0
65.0	2436.0	2884.0	4412.0	5222.0	5374.0
65.5	2346.0	2812.0	4368.0	5154.0	5270.0
66.0	2252.0	2738.0	4318.0	5078.0	5158.0
66.5	2160.0	2668.0	4270.0	5002.0	5040.0
67.0	2070.0	2604.0	4216.0	4914.0	4924.0
67.5	1980.4	2538.0	4158.0	4828.0	4810.0
68.0	1893.2	2474.0	4098.0	4738.0	4690.0
68.5	1806.8	2416.0	4038.0	4646.0	4570.0
69.0	1723.0	2358.0	3976.0	4552.0	4452.0
69.5	1641.4	2300.0	3908.0	4458.0	4338.0
70.0	1562.0	2242.0	3840.0	4358.0	4216.0
70.5	1484.8	2184.0	3770.0	4260.0	4104.0
71.0	1409.2	2126.0	3696.0	4158.0	3990.0
71.5	1335.4	2068.0	3618.0	4054.0	3880.0
72.0	1266.2	2010.0	3544.0	3954.0	3770.0
72.5	1198.4	1952.8	3466.0	3852.0	3666.0
73.0	1133.4	1894.6	3388.0	3752.0	3566.0
73.5	1070.2	1836.4	3308.0	3654.0	3470.0
74.0	1008.8	1778.8	3230.0	3556.0	3374.0
74.5	950.0	1721.0	3156.0	3454.0	3280.0
75.0	893.2	1663.8	3082.0	3360.0	3190.0
75.5	839.4	1605.8	3006.0	3264.0	3104.0
76.0	787.2	1548.8	2932.0	3172.0	3016.0
76.5	737.6	1491.8	2860.0	3078.0	2934.0
77.0	689.8	1436.4	2786.0	2988.0	2854.0
77.5	644.0	1380.4	2716.0	2902.0	2766.0
78.0	600.2	1325.6	2644.0	2816.0	2690.0
78.5	558.2	1271.4	2576.0	2730.0	2610.0
79.0	518.0	1218.0	2508.0	2652.0	2530.0
79.5	479.4	1165.2	2442.0	2574.0	2454.0
80.0	442.0	1113.6	2380.0	2494.0	2388.0
80.5	406.0	1061.8	2316.0	2420.0	2316.0
81.0	372.2	1012.4	2252.0	2346.0	2238.0
81.5	340.2	963.8	2186.0	2272.0	2166.0
82.0	308.8	916.0	2120.0	2200.0	2096.0
82.5	279.2	870.2	2054.0	2130.0	2024.0

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CANDELA TABULATION - (Cont.)

83.0	251.2	825.8	1989.4	2062.0	1954.0
83.5	224.4	783.4	1926.0	1993.4	1885.2
84.0	198.8	742.4	1862.4	1925.2	1816.0
84.5	174.8	703.6	1799.4	1858.4	1749.2
85.0	152.6	666.6	1737.6	1794.4	1683.6
85.5	131.6	631.0	1678.0	1730.4	1617.4
86.0	112.0	597.4	1619.2	1668.2	1551.8
86.5	94.0	565.2	1560.8	1606.0	1487.0
87.0	77.8	534.8	1503.8	1545.6	1423.8
87.5	63.2	506.8	1448.4	1486.8	1361.2
88.0	51.0	481.2	1395.4	1430.4	1300.2
88.5	40.8	457.4	1344.0	1374.8	1240.0
89.0	32.6	436.2	1294.6	1320.0	1182.6
89.5	24.0	417.2	1247.6	1266.4	1128.4
90.0	12.8	400.8	1203.0	1215.6	1076.2
90.5	10.8	386.2	1160.6	1166.2	1026.8
91.0	10.8	373.2	1119.8	1118.8	979.8
91.5	11.0	361.6	1081.2	1074.2	937.6
92.0	11.2	351.4	1044.4	1032.4	898.4
92.5	11.4	342.6	1010.2	992.6	861.8
93.0	11.6	334.6	978.2	955.6	828.2
93.5	12.0	327.4	947.8	921.0	797.6
94.0	12.6	320.8	918.6	888.2	769.4
94.5	13.0	314.8	890.2	857.4	742.6
95.0	13.4	309.4	862.6	828.4	717.4
95.5	14.0	304.8	836.0	800.4	694.0
96.0	14.6	300.4	810.6	773.8	672.2
96.5	15.2	296.4	786.2	748.8	652.8
97.0	16.0	293.2	764.0	725.2	634.2
97.5	16.8	290.4	742.6	703.6	616.4
98.0	17.6	288.2	722.0	682.8	599.6
98.5	18.2	286.8	702.2	663.4	584.2
99.0	19.2	286.0	683.0	645.2	569.8
99.5	20.2	285.4	665.0	627.8	556.4
100.0	21.2	285.8	647.6	611.4	543.4
100.5	22.0	286.6	631.4	595.8	531.4
101.0	23.0	287.8	615.4	581.4	519.4
101.5	24.2	289.8	601.2	567.8	508.4
102.0	25.4	292.2	587.2	554.6	497.8
102.5	26.8	295.0	573.8	542.4	488.2
103.0	28.2	297.8	561.8	531.0	478.8
103.5	29.4	299.8	550.2	520.0	470.4
104.0	30.6	301.8	538.6	509.6	462.6
104.5	32.0	303.2	528.4	500.2	455.2
105.0	33.2	304.2	519.0	491.4	448.2
105.5	34.6	304.6	509.8	483.6	442.4
106.0	36.2	303.8	501.6	476.2	436.4
106.5	37.6	303.2	494.4	469.8	431.4
107.0	39.0	302.6	487.8	463.2	426.4
107.5	40.4	302.2	481.8	457.6	422.8
108.0	41.8	301.6	477.2	452.4	419.0
108.5	43.4	301.6	473.0	447.4	415.8
109.0	44.8	301.4	469.8	443.0	412.2
109.5	46.2	302.0	467.4	438.8	408.8
110.0	47.4	302.6	465.8	435.0	406.0
110.5	48.6	302.6	465.2	431.4	403.2

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CANDELA TABULATION - (Cont.)

111.0	50.0	302.8	464.4	428.0	400.4
111.5	51.2	302.6	464.4	424.6	397.6
112.0	52.4	302.0	464.0	421.4	395.0
112.5	53.4	301.6	463.6	418.8	392.2
113.0	54.6	301.0	462.8	416.6	389.6
113.5	55.8	299.4	461.2	414.6	387.6
114.0	57.0	298.0	459.4	413.2	385.4
114.5	58.4	297.0	457.2	411.6	383.6
115.0	59.4	297.0	453.8	410.2	382.2
115.5	60.6	296.0	449.8	409.2	381.0
116.0	61.6	294.8	446.0	408.4	380.4
116.5	62.4	293.6	441.8	407.6	379.4
117.0	63.2	292.6	437.6	406.6	379.2
117.5	64.2	291.8	432.6	406.2	378.6
118.0	65.2	290.8	427.2	405.0	378.8
118.5	66.0	289.8	422.0	404.0	378.2
119.0	67.0	288.6	416.8	403.0	377.6
119.5	67.6	287.0	411.2	401.2	377.2
120.0	68.2	285.4	405.8	399.6	376.8
120.5	69.0	283.8	400.4	398.0	376.4
121.0	69.6	281.6	395.0	396.0	375.8
121.5	70.0	279.4	389.4	393.4	375.2
122.0	70.2	276.8	384.2	391.0	374.2
122.5	70.6	274.6	379.2	388.2	373.2
123.0	71.0	272.8	373.6	385.4	371.6
123.5	71.2	268.8	367.0	382.2	370.0
124.0	71.6	264.4	359.8	379.2	367.8
124.5	71.8	261.2	353.2	375.4	366.0
125.0	72.0	258.8	347.8	372.2	364.0
125.5	72.2	257.2	344.0	368.4	361.4
126.0	72.4	256.8	341.2	364.4	359.0
126.5	72.6	255.4	337.6	360.2	356.8
127.0	72.6	252.6	333.8	356.0	354.0
127.5	72.6	249.2	330.2	351.6	350.6
128.0	72.6	246.0	327.0	347.0	346.8
128.5	72.6	242.6	323.2	342.6	342.8
129.0	72.4	239.0	320.0	338.4	339.2
129.5	72.4	235.4	316.6	334.2	335.2
130.0	72.4	231.8	312.8	330.2	331.0
130.5	72.2	228.0	308.8	326.2	327.0
131.0	72.2	224.4	305.0	322.6	323.4
131.5	72.0	220.8	300.8	318.6	319.8
132.0	71.8	216.8	296.4	315.0	316.2
132.5	71.6	213.0	291.8	311.6	313.0
133.0	71.4	209.0	287.0	307.2	309.6
133.5	71.0	205.2	282.8	302.6	306.6
134.0	70.6	201.2	278.6	298.4	303.8
134.5	70.4	197.2	275.0	294.6	300.8
135.0	70.0	193.4	271.8	291.6	297.6
135.5	69.8	189.4	267.4	289.6	294.8
136.0	69.4	185.6	263.4	287.4	292.2
136.5	69.2	182.0	259.0	285.0	289.8
137.0	68.8	178.2	254.2	283.0	287.4
137.5	68.4	174.6	249.2	280.8	285.0
138.0	68.0	170.8	244.0	278.2	282.6
138.5	67.8	167.2	239.4	276.0	280.4

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	67.6	163.8	235.4	273.2	277.6
139.5	67.0	160.2	232.2	271.0	275.4
140.0	66.6	156.6	228.4	268.8	273.4
140.5	66.2	153.0	223.6	266.0	271.2
141.0	66.0	149.4	219.6	263.8	268.8
141.5	65.8	146.2	216.4	261.2	266.6
142.0	65.8	143.2	213.4	258.4	264.6
142.5	65.8	140.2	211.0	256.2	262.0
143.0	65.8	137.4	208.6	253.4	258.2
143.5	65.6	135.2	205.4	250.4	253.4
144.0	65.6	133.0	201.8	247.4	249.0
144.5	65.4	130.8	198.2	243.8	245.2
145.0	65.6	128.4	194.6	240.0	242.0
145.5	65.8	126.4	191.0	236.4	239.4
146.0	66.0	124.2	187.2	232.4	238.0
146.5	66.2	122.0	183.4	228.2	236.2
147.0	66.2	120.0	179.8	223.8	233.4
147.5	66.2	118.0	176.0	219.6	230.4
148.0	66.2	116.2	172.2	215.2	227.6
148.5	66.4	114.0	168.6	210.8	224.8
149.0	66.6	112.0	165.0	206.4	221.8
149.5	66.8	109.8	161.4	201.6	218.4
150.0	66.6	107.6	157.8	196.4	215.4
150.5	67.0	105.8	154.4	191.0	212.0
151.0	67.2	104.2	151.2	186.0	208.8
151.5	67.8	102.6	148.2	181.4	205.4
152.0	68.0	101.0	145.0	176.8	201.8
152.5	68.6	99.2	142.2	172.8	198.4
153.0	68.8	97.6	139.6	169.2	194.8
153.5	69.2	96.2	137.2	165.4	191.2
154.0	69.8	94.8	134.4	161.6	187.6
154.5	70.2	93.4	131.8	158.0	183.8
155.0	70.6	92.0	129.2	154.6	180.2
155.5	71.2	90.6	126.6	151.0	176.6
156.0	71.6	89.0	124.0	147.4	172.8
156.5	71.8	87.8	121.4	144.0	169.2
157.0	72.2	86.4	118.8	140.2	165.6
157.5	72.4	84.8	116.4	136.0	162.0
158.0	72.8	83.4	114.0	132.2	158.4
158.5	73.0	82.0	111.8	128.6	154.6
159.0	73.6	80.6	109.8	125.2	150.8
159.5	74.0	79.4	107.6	121.8	147.2
160.0	74.6	78.0	105.6	118.2	143.6
160.5	75.2	76.8	103.8	115.4	139.6
161.0	75.6	75.6	101.8	112.4	135.4
161.5	76.2	74.6	99.6	109.6	131.8
162.0	76.6	73.6	97.4	106.8	128.2
162.5	77.0	73.4	95.4	104.0	125.0
163.0	77.4	73.8	93.6	101.2	121.6
163.5	77.8	74.2	91.8	98.8	118.8
164.0	78.0	75.4	90.0	96.2	116.2
164.5	78.2	76.8	88.4	93.8	113.4
165.0	78.6	77.6	86.4	91.6	110.6
165.5	79.0	78.0	84.8	89.4	108.0
166.0	79.4	78.4	83.2	87.2	105.4
166.5	79.8	79.2	81.4	85.0	103.4

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	80.2	80.0	79.8	82.8	101.4
167.5	80.6	81.0	78.2	80.8	99.4
168.0	81.0	81.6	76.8	78.6	97.4
168.5	81.4	81.8	75.6	76.4	94.8
169.0	81.6	82.0	74.6	74.2	91.8
169.5	82.0	82.2	73.6	72.2	89.6
170.0	82.2	82.0	73.0	70.6	87.4
170.5	82.4	82.0	74.0	69.0	78.2
171.0	82.6	82.0	75.0	67.4	68.2
171.5	82.8	82.0	75.4	66.0	64.8
172.0	83.0	81.8	76.4	64.8	63.0
172.5	83.2	81.6	77.4	65.2	56.8
173.0	83.2	81.6	78.6	66.8	48.8
173.5	83.4	81.6	79.2	66.8	47.4
174.0	83.6	81.6	79.2	67.6	47.2
174.5	83.8	81.8	79.2	69.0	47.0
175.0	83.8	82.0	78.6	69.8	48.4
175.5	84.2	82.2	78.6	69.8	49.0
176.0	84.4	82.4	78.8	69.4	49.0
176.5	84.6	82.6	78.8	68.6	48.4
177.0	84.6	83.0	79.2	68.2	47.8
177.5	85.0	83.2	79.6	67.8	47.0
178.0	85.0	83.4	79.8	67.6	46.4
178.5	85.2	83.6	80.2	67.2	46.2
179.0	85.4	83.8	80.6	67.0	46.0
179.5	85.4	83.8	80.8	67.2	46.4
180.0	74.6	74.6	74.6	74.6	74.6

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

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	3757.24	N.A.	11.30
0-30	7995.5	N.A.	24.10
0-40	13016.31	N.A.	39.20
0-60	22990.26	N.A.	69.20
0-80	29736.01	N.A.	89.50
0-90	31154.31	N.A.	93.70
10-90	30196.25	N.A.	90.80
20-40	9259.07	N.A.	27.90
20-50	14394.52	N.A.	43.30
40-70	14022.52	N.A.	42.20
60-80	6745.76	N.A.	20.30
70-80	2697.18	N.A.	8.10
80-90	1418.3	N.A.	4.30
90-110	1083.62	N.A.	3.30
90-120	1425.84	N.A.	4.30
90-130	1695.63	N.A.	5.10
90-150	1992.36	N.A.	6.00
90-180	2083.65	N.A.	6.30
110-180	1000.03	N.A.	3.00
0-180	33237.96	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	958.06
10-20	2799.18
20-30	4238.26
30-40	5020.82
40-50	5135.45
50-60	4838.5
60-70	4048.58
70-80	2697.18
80-90	1418.3
90-100	665.83
100-110	417.78
110-120	342.22
120-130	269.78
130-140	183.60
140-150	113.14
150-160	58.80
160-170	25.39
170-180	7.10

IES INDOOR REPORT
PHOTOMETRIC FILENAME : HIGH-8-835-U10-SM-CA.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	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	93	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

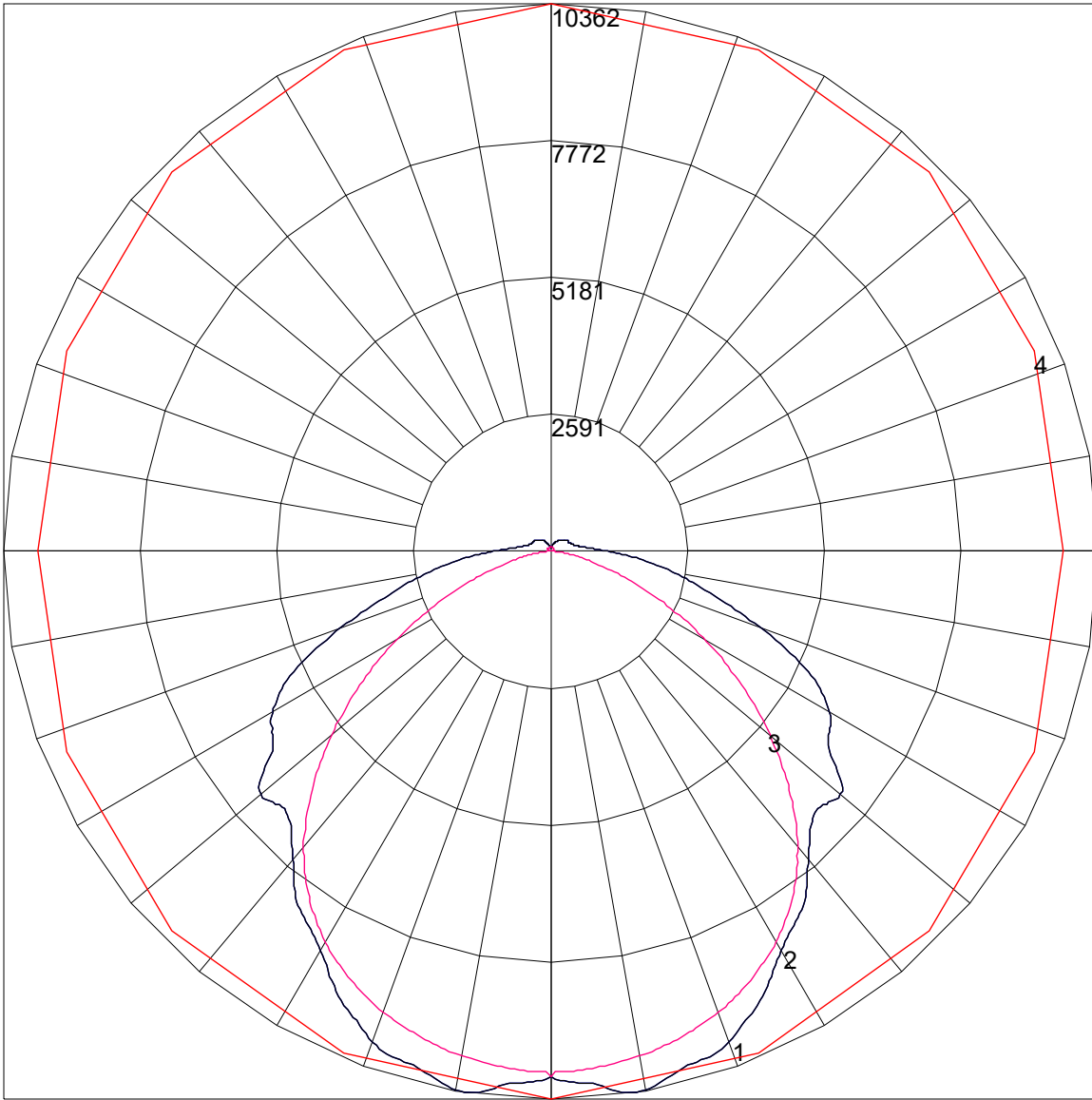
IES INDOOR REPORT
PHOTOMETRIC FILENAME : HIGH-8-835-U10-SM-CA.IES

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	22.9	24.4	23.3	24.9	25.3	26.6	28.2	27.1	28.6	29.1
	3H	24.0	25.4	24.4	25.8	26.3	29.1	30.5	29.6	31.0	31.5
	4H	24.2	25.6	24.7	26.0	26.6	30.0	31.4	30.5	31.8	32.3
	6H	24.4	25.6	24.9	26.1	26.6	30.9	32.1	31.4	32.6	33.1
	8H	24.4	25.6	24.9	26.1	26.6	31.3	32.5	31.8	33.0	33.5
	12H	24.4	25.5	24.9	26.0	26.6	31.7	32.8	32.2	33.3	33.9
4H	2H	24.2	25.6	24.7	26.0	26.5	27.0	28.4	27.5	28.8	29.4
	3H	25.6	26.7	26.1	27.2	27.8	29.7	30.9	30.2	31.4	31.9
	4H	26.0	27.0	26.5	27.5	28.1	30.8	31.9	31.3	32.4	33.0
	6H	26.2	27.1	26.7	27.7	28.2	31.8	32.8	32.4	33.3	33.9
	8H	26.2	27.1	26.8	27.6	28.2	32.3	33.2	32.9	33.7	34.3
	12H	26.2	27.0	26.8	27.6	28.2	32.8	33.6	33.4	34.2	34.8
8H	4H	27.0	27.8	27.5	28.4	29.0	31.0	31.9	31.6	32.4	33.0
	6H	27.4	28.1	28.0	28.7	29.3	32.2	32.9	32.8	33.5	34.1
	8H	27.5	28.1	28.1	28.8	29.4	32.8	33.4	33.4	34.0	34.7
	12H	27.5	28.1	28.1	28.7	29.4	33.4	34.0	34.0	34.6	35.3
12H	4H	27.2	28.0	27.8	28.5	29.2	31.0	31.8	31.6	32.4	33.0
	6H	27.8	28.4	28.4	29.0	29.6	32.2	32.9	32.8	33.4	34.1
	8H	28.0	28.5	28.5	29.1	29.8	32.9	33.5	33.5	34.0	34.7

Maximum UGR = 35.3

POLAR GRAPH



Maximum Candela = 10362 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.)