



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

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] 14298494.06
 [TESTLAB] UL LLC
 [ISSUEDATE] 4/29/2022
 [MANUFAC] Lux Dynamics
 [LUMCAT] HIGH-4-835-U10-SM-CA-N
 [LUMINAIRE] HIGH Line LED Fixture, 4' Length, 3500K, Narrow Optic Refletors,
 [MORE] Clear Acrylic Lens
 [LAMP] White LED array
 [BALLAST] Two (2) OSRAM OPTOTRONIC OTi 85/120-277/2A3 DIM L HB
 [OTHER] 25 C, 277.09 V, 0.404748 A, 106.872 W, 0.952921 PF, 59.9997 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	15558
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	146
Total Luminaire Watts	106.872
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.20
Spacing Criterion (90-270)	1.18
Spacing Criterion (Diagonal)	1.32
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	62343	51678	46535
55	53492	42598	38318
65	39985	34840	30717
75	24712	24198	19297
85	10793	11614	8714

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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	5917.0	5917.0	5917.0	5917.0	5917.0
0.5	5884.0	5921.0	5919.0	5910.0	5952.0
1.0	5883.0	5919.0	5919.0	5909.0	5951.0
1.5	5884.0	5919.0	5919.0	5910.0	5950.0
2.0	5881.0	5917.0	5917.0	5910.0	5950.0
2.5	5879.0	5914.0	5916.0	5912.0	5953.0
3.0	5876.0	5911.0	5914.0	5910.0	5953.0
3.5	5869.0	5908.0	5912.0	5909.0	5949.0
4.0	5863.0	5903.0	5909.0	5903.0	5947.0
4.5	5859.0	5900.0	5903.0	5900.0	5942.0
5.0	5854.0	5894.0	5897.0	5895.0	5940.0
5.5	5847.0	5888.0	5889.0	5892.0	5939.0
6.0	5841.0	5882.0	5882.0	5888.0	5939.0
6.5	5832.0	5875.0	5874.0	5889.0	5940.0
7.0	5823.0	5867.0	5867.0	5888.0	5942.0
7.5	5812.0	5857.0	5862.0	5889.0	5943.0
8.0	5802.0	5846.0	5855.0	5889.0	5940.0
8.5	5790.0	5834.0	5852.0	5888.0	5941.0
9.0	5779.0	5822.0	5849.0	5884.0	5935.0
9.5	5765.0	5809.0	5844.0	5880.0	5928.0
10.0	5751.0	5795.0	5840.0	5875.0	5920.0
10.5	5738.0	5780.0	5835.0	5866.0	5914.0
11.0	5723.0	5765.0	5830.0	5857.0	5909.0
11.5	5708.0	5750.0	5822.0	5849.0	5904.0
12.0	5692.0	5735.0	5814.0	5844.0	5900.0
12.5	5674.0	5720.0	5804.0	5838.0	5895.0
13.0	5657.0	5703.0	5793.0	5831.0	5888.0
13.5	5638.0	5689.0	5784.0	5825.0	5879.0
14.0	5620.0	5673.0	5770.0	5816.0	5873.0
14.5	5599.0	5658.0	5758.0	5806.0	5861.0
15.0	5580.0	5641.0	5744.0	5796.0	5852.0
15.5	5559.0	5626.0	5730.0	5785.0	5839.0
16.0	5538.0	5609.0	5716.0	5772.0	5828.0
16.5	5515.0	5593.0	5703.0	5760.0	5812.0
17.0	5492.0	5576.0	5689.0	5746.0	5790.0
17.5	5470.0	5559.0	5672.0	5728.0	5768.0
18.0	5444.0	5542.0	5654.0	5707.0	5743.0
18.5	5419.0	5522.0	5638.0	5686.0	5715.0
19.0	5394.0	5503.0	5619.0	5662.0	5684.0
19.5	5369.0	5485.0	5599.0	5634.0	5649.0
20.0	5341.0	5466.0	5580.0	5604.0	5612.0
20.5	5314.0	5444.0	5560.0	5572.0	5571.0
21.0	5284.0	5422.0	5540.0	5536.0	5528.0
21.5	5255.0	5402.0	5519.0	5499.0	5485.0
22.0	5233.0	5378.0	5498.0	5459.0	5441.0
22.5	5204.0	5355.0	5475.0	5417.0	5400.0
23.0	5173.0	5330.0	5452.0	5374.0	5361.0
23.5	5138.0	5304.0	5425.0	5333.0	5319.0
24.0	5104.0	5276.0	5400.0	5292.0	5277.0
24.5	5072.0	5248.0	5369.0	5251.0	5229.0
25.0	5036.0	5219.0	5340.0	5210.0	5180.0
25.5	5000.0	5188.0	5308.0	5169.0	5127.0
26.0	4966.0	5156.0	5274.0	5125.0	5069.0
26.5	4935.0	5124.0	5238.0	5078.0	5015.0

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CANDELA TABULATION - (Cont.)

27.0	4895.0	5093.0	5200.0	5030.0	4956.0
27.5	4860.0	5058.0	5161.0	4980.0	4897.0
28.0	4824.0	5025.0	5122.0	4929.0	4838.0
28.5	4788.0	4991.0	5078.0	4875.0	4778.0
29.0	4753.0	4954.0	5036.0	4821.0	4720.0
29.5	4715.0	4918.0	4991.0	4765.0	4664.0
30.0	4678.0	4883.0	4948.0	4710.0	4608.0
30.5	4642.0	4848.0	4903.0	4654.0	4557.0
31.0	4603.0	4811.0	4860.0	4599.0	4505.0
31.5	4565.0	4774.0	4816.0	4545.0	4457.0
32.0	4526.0	4736.0	4774.0	4493.0	4407.0
32.5	4487.0	4700.0	4731.0	4441.0	4361.0
33.0	4446.0	4662.0	4686.0	4390.0	4315.0
33.5	4403.0	4625.0	4642.0	4340.0	4268.0
34.0	4360.0	4587.0	4596.0	4291.0	4223.0
34.5	4316.0	4547.0	4550.0	4243.0	4182.0
35.0	4271.0	4508.0	4500.0	4195.0	4137.0
35.5	4226.0	4467.0	4454.0	4149.0	4096.0
36.0	4182.0	4427.0	4406.0	4103.0	4055.0
36.5	4140.0	4386.0	4356.0	4058.0	4014.0
37.0	4093.0	4346.0	4306.0	4014.0	3973.0
37.5	4048.0	4305.0	4257.0	3968.0	3933.0
38.0	4002.0	4263.0	4207.0	3924.0	3891.0
38.5	3955.0	4221.0	4159.0	3881.0	3851.0
39.0	3911.0	4178.0	4109.0	3837.0	3814.0
39.5	3863.0	4134.0	4059.0	3794.0	3777.0
40.0	3817.0	4090.0	4010.0	3751.0	3740.0
40.5	3769.0	4047.0	3959.0	3710.0	3706.0
41.0	3723.0	4002.0	3909.0	3669.0	3673.0
41.5	3676.0	3957.0	3859.0	3629.0	3640.0
42.0	3629.0	3912.0	3810.0	3590.0	3609.0
42.5	3579.0	3868.0	3760.0	3553.0	3577.0
43.0	3533.0	3821.0	3710.0	3516.0	3545.0
43.5	3484.0	3775.0	3663.0	3481.0	3513.0
44.0	3437.0	3727.0	3612.0	3446.0	3482.0
44.5	3386.0	3681.0	3563.0	3411.0	3446.0
45.0	3339.0	3632.0	3515.0	3379.0	3413.0
45.5	3288.0	3583.0	3465.0	3343.0	3381.0
46.0	3240.0	3535.0	3416.0	3312.0	3346.0
46.5	3195.0	3487.0	3370.0	3278.0	3312.0
47.0	3148.0	3434.0	3319.0	3244.0	3273.0
47.5	3096.0	3385.0	3270.0	3212.0	3234.0
48.0	3040.0	3332.0	3221.0	3180.0	3199.0
48.5	2997.0	3282.0	3173.0	3144.0	3158.0
49.0	2952.0	3233.0	3125.0	3112.0	3116.0
49.5	2897.0	3181.0	3079.0	3076.0	3065.0
50.0	2844.0	3129.0	3029.0	3041.0	3024.0
50.5	2790.0	3080.0	2985.0	3005.0	2979.0
51.0	2749.0	3028.0	2930.0	2964.0	2930.0
51.5	2696.0	2976.0	2886.0	2926.0	2890.0
52.0	2646.0	2921.0	2842.0	2886.0	2838.0
52.5	2594.0	2877.0	2796.0	2841.0	2786.0
53.0	2538.0	2821.0	2753.0	2793.0	2734.0
53.5	2485.0	2773.0	2713.0	2750.0	2681.0
54.0	2439.0	2723.0	2665.0	2704.0	2648.0
54.5	2388.0	2671.0	2623.0	2650.0	2607.0

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CANDELA TABULATION - (Cont.)

55.0	2345.0	2612.0	2581.0	2600.0	2558.0
55.5	2290.0	2560.0	2540.0	2556.0	2515.0
56.0	2233.0	2504.0	2497.0	2510.0	2477.0
56.5	2186.0	2462.0	2457.0	2461.0	2440.0
57.0	2134.0	2408.0	2422.0	2418.0	2412.0
57.5	2080.0	2352.0	2384.0	2375.0	2364.0
58.0	2027.0	2302.0	2344.0	2332.0	2333.0
58.5	1975.0	2252.0	2305.0	2291.0	2302.0
59.0	1922.0	2202.0	2267.0	2250.0	2264.0
59.5	1871.0	2148.0	2229.0	2209.0	2234.0
60.0	1817.0	2099.0	2191.0	2171.0	2196.0
60.5	1766.0	2047.0	2150.0	2134.0	2162.0
61.0	1715.0	1997.0	2112.0	2095.0	2124.0
61.5	1662.0	1946.0	2072.0	2057.0	2083.0
62.0	1610.0	1898.0	2032.0	2020.0	2046.0
62.5	1559.0	1846.0	1993.0	1985.0	2007.0
63.0	1509.0	1797.0	1951.0	1948.0	1964.0
63.5	1458.0	1748.0	1911.0	1910.0	1920.0
64.0	1409.0	1699.0	1869.0	1872.0	1875.0
64.5	1361.0	1652.0	1828.0	1833.0	1830.0
65.0	1311.0	1603.0	1788.0	1796.0	1786.0
65.5	1265.0	1557.0	1745.0	1756.0	1739.0
66.0	1218.0	1511.0	1705.0	1716.0	1693.0
66.5	1170.0	1464.0	1662.0	1678.0	1645.0
67.0	1125.0	1417.0	1622.0	1635.0	1598.0
67.5	1081.0	1373.0	1578.0	1593.0	1553.0
68.0	1036.0	1328.0	1536.0	1550.0	1506.0
68.5	992.4	1284.0	1495.0	1509.0	1459.0
69.0	949.2	1242.0	1455.0	1467.0	1413.0
69.5	907.0	1200.0	1413.0	1424.0	1370.0
70.0	865.7	1158.0	1372.0	1380.0	1324.0
70.5	825.8	1117.0	1330.0	1336.0	1279.0
71.0	786.6	1076.0	1291.0	1294.0	1236.0
71.5	748.5	1035.0	1252.0	1251.0	1197.0
72.0	711.9	993.9	1211.0	1210.0	1157.0
72.5	676.3	953.8	1172.0	1171.0	1117.0
73.0	641.5	914.2	1134.0	1130.0	1076.0
73.5	607.6	874.5	1096.0	1088.0	1037.0
74.0	574.5	836.0	1057.0	1047.0	997.6
74.5	542.8	798.2	1018.0	1007.0	958.9
75.0	512.5	761.0	979.8	967.3	921.7
75.5	483.3	724.2	942.1	928.6	885.0
76.0	454.7	688.5	904.9	890.4	848.7
76.5	427.0	653.5	868.3	853.0	812.8
77.0	400.3	619.0	831.7	816.5	777.7
77.5	374.5	585.4	795.7	780.5	743.2
78.0	349.7	552.4	760.6	745.7	709.4
78.5	325.8	520.7	725.7	711.9	676.7
79.0	302.8	489.9	691.6	678.4	644.5
79.5	280.6	459.5	658.1	645.4	612.6
80.0	259.0	430.1	624.8	613.0	581.7
80.5	238.2	401.6	592.0	581.5	551.4
81.0	218.3	374.0	560.0	550.2	521.6
81.5	199.0	347.3	528.4	520.0	492.5
82.0	180.8	321.4	497.5	490.2	464.4
82.5	163.2	296.5	467.3	461.5	437.2

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CANDELA TABULATION - (Cont.)

83.0	146.4	272.5	437.9	433.8	410.4
83.5	130.2	249.6	409.5	406.8	384.7
84.0	115.1	227.8	382.0	381.2	359.9
84.5	100.7	206.9	355.5	356.0	335.9
85.0	87.0	186.9	330.2	332.0	313.1
85.5	74.3	168.3	305.9	309.4	291.3
86.0	62.5	150.9	282.4	287.4	270.5
86.5	51.5	134.5	260.1	266.7	250.9
87.0	41.4	119.5	239.0	247.5	232.7
87.5	32.8	105.9	219.9	229.9	215.6
88.0	25.3	93.8	202.5	214.0	200.5
88.5	19.0	83.2	187.0	199.6	186.5
89.0	13.7	74.4	173.5	186.6	173.8
89.5	9.8	67.5	161.9	174.9	162.5
90.0	7.6	62.1	151.5	164.2	152.4
90.5	4.7	58.1	142.9	155.3	143.8
91.0	3.2	55.0	135.7	147.4	136.1
91.5	3.0	52.5	129.9	140.5	129.6
92.0	2.9	50.4	125.0	134.6	123.9
92.5	2.9	48.4	120.7	129.8	119.2
93.0	2.9	46.6	116.6	125.7	115.2
93.5	2.9	45.0	112.6	121.8	111.7
94.0	3.0	43.6	108.9	118.2	108.3
94.5	3.0	42.3	105.4	114.8	105.2
95.0	3.2	41.2	102.0	111.6	102.1
95.5	3.1	40.3	98.9	108.4	99.3
96.0	3.1	39.4	95.8	105.5	96.6
96.5	3.2	38.7	93.0	102.6	94.1
97.0	3.2	38.2	90.4	99.9	91.6
97.5	3.3	37.7	88.0	97.3	89.3
98.0	3.4	37.4	85.7	94.9	87.1
98.5	3.6	37.3	83.5	92.6	84.9
99.0	3.7	37.4	81.5	90.4	82.8
99.5	3.8	37.6	79.7	88.3	80.9
100.0	3.9	38.0	78.0	86.3	79.0
100.5	4.0	38.7	76.5	84.4	77.3
101.0	4.1	39.5	75.0	82.6	75.6
101.5	4.2	40.5	73.8	81.0	74.0
102.0	4.4	41.6	72.6	79.4	72.5
102.5	4.6	42.8	71.5	77.9	71.1
103.0	4.9	44.2	70.5	76.5	69.7
103.5	5.2	45.5	69.7	75.2	68.5
104.0	5.4	47.0	69.0	74.0	67.3
104.5	5.6	48.5	68.3	72.8	66.1
105.0	5.8	50.0	67.8	71.6	65.1
105.5	5.9	51.5	67.4	70.6	64.1
106.0	6.1	52.9	67.0	69.6	63.2
106.5	6.3	54.3	66.8	68.8	62.2
107.0	6.4	55.7	66.6	67.9	61.3
107.5	6.6	57.0	66.6	67.2	60.5
108.0	6.7	58.2	66.6	66.6	59.7
108.5	6.9	59.3	66.8	66.0	59.0
109.0	7.0	60.4	67.2	65.6	58.4
109.5	7.2	61.4	67.7	65.1	57.9
110.0	7.3	62.3	68.3	64.8	57.4
110.5	7.4	63.1	69.0	64.5	56.8

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CANDELA TABULATION - (Cont.)

111.0	7.5	63.9	70.0	64.3	56.4
111.5	7.6	64.5	71.0	64.2	56.0
112.0	7.8	65.1	72.3	64.1	55.8
112.5	8.0	65.6	73.8	64.1	55.5
113.0	8.2	66.0	75.5	64.1	55.4
113.5	8.3	66.0	77.2	64.2	55.3
114.0	8.6	66.1	79.2	64.5	55.3
114.5	8.7	66.7	81.2	64.8	55.4
115.0	8.8	67.2	83.4	65.2	55.6
115.5	8.8	67.7	85.8	65.7	55.9
116.0	8.9	68.0	88.2	66.3	56.4
116.5	8.9	68.1	90.8	67.1	56.8
117.0	8.8	68.2	93.5	68.1	57.5
117.5	8.8	68.2	96.0	69.2	58.2
118.0	8.8	68.0	98.4	70.5	59.0
118.5	8.9	67.9	100.6	71.8	60.0
119.0	8.9	67.6	102.7	73.3	61.3
119.5	9.0	67.3	104.4	74.8	62.6
120.0	9.1	66.9	105.8	76.5	64.0
120.5	9.2	66.4	107.1	78.3	65.6
121.0	9.3	65.6	108.2	80.3	67.1
121.5	9.4	64.6	109.2	82.5	68.8
122.0	9.5	63.9	109.9	85.0	70.6
122.5	9.7	63.1	110.6	87.6	72.6
123.0	9.8	62.2	111.1	90.3	74.7
123.5	10.0	60.7	111.3	93.1	76.9
124.0	10.1	59.1	111.0	95.8	79.5
124.5	10.2	57.6	110.8	98.4	82.1
125.0	10.4	56.4	110.7	100.7	84.9
125.5	10.5	55.3	110.8	102.8	87.8
126.0	10.7	54.3	111.0	104.6	90.7
126.5	10.8	53.2	111.1	106.2	93.4
127.0	10.9	51.8	110.9	107.5	96.0
127.5	11.1	50.4	110.9	108.5	98.2
128.0	11.1	49.0	110.7	109.5	100.1
128.5	11.3	47.6	110.5	110.3	101.8
129.0	11.4	46.4	110.3	111.0	103.3
129.5	11.5	45.1	109.7	111.6	104.6
130.0	11.7	43.9	108.9	112.2	105.7
130.5	11.8	42.6	108.2	112.6	106.7
131.0	11.9	41.4	107.5	113.0	107.6
131.5	12.0	40.2	106.6	113.3	108.5
132.0	12.2	39.1	105.4	113.6	109.2
132.5	12.3	38.1	104.2	113.8	110.0
133.0	12.5	37.1	103.0	113.9	110.5
133.5	12.6	36.2	101.8	113.5	111.0
134.0	12.7	35.4	100.7	113.0	111.6
134.5	12.9	34.7	99.6	112.8	112.0
135.0	13.0	34.0	98.5	112.8	112.4
135.5	13.1	33.3	97.3	113.0	112.6
136.0	13.3	32.7	96.1	113.1	112.8
136.5	13.4	32.1	94.7	113.2	113.1
137.0	13.6	31.6	93.1	113.3	113.4
137.5	13.7	31.1	91.3	113.2	113.4
138.0	13.9	30.7	89.6	113.3	113.9
138.5	14.0	30.3	87.9	113.1	114.2

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

CANDELA TABULATION - (Cont.)

139.0	14.1	30.0	86.3	113.0	114.3
139.5	14.2	29.7	84.5	112.7	114.6
140.0	14.4	29.3	82.6	112.2	114.7
140.5	14.5	29.0	80.4	111.8	114.9
141.0	14.6	28.6	78.2	111.1	114.5
141.5	14.7	28.2	76.1	110.5	114.4
142.0	15.0	28.1	74.2	109.7	114.2
142.5	15.3	27.9	72.4	108.9	114.0
143.0	15.4	27.7	70.4	107.9	113.1
143.5	15.6	27.5	68.1	106.5	111.7
144.0	15.7	27.3	65.7	105.1	110.4
144.5	15.8	27.1	63.4	103.5	109.1
145.0	15.9	26.9	61.1	101.9	107.9
145.5	16.1	26.7	58.8	100.0	107.0
146.0	16.1	26.5	56.7	97.8	106.1
146.5	16.2	26.3	54.7	95.3	105.1
147.0	16.3	26.1	52.7	92.4	103.6
147.5	16.4	25.9	50.8	89.5	101.9
148.0	16.5	25.7	49.0	86.6	99.9
148.5	16.6	25.5	47.2	83.7	97.7
149.0	16.7	25.3	45.5	80.8	95.2
149.5	16.8	25.1	43.8	77.7	92.5
150.0	16.9	24.8	42.4	74.3	89.8
150.5	17.0	24.6	41.2	71.0	86.9
151.0	17.1	24.4	40.1	67.8	84.0
151.5	17.3	24.1	39.0	64.7	80.9
152.0	17.4	23.9	37.9	61.7	77.7
152.5	17.5	23.6	37.0	59.0	74.4
153.0	17.7	23.4	36.3	56.4	71.1
153.5	17.8	23.2	35.5	53.8	68.0
154.0	17.9	23.0	34.6	51.6	65.0
154.5	18.0	22.9	33.9	49.4	62.0
155.0	18.1	22.7	33.1	47.3	59.1
155.5	18.2	22.5	32.4	45.3	56.3
156.0	18.3	22.3	31.7	43.5	53.8
156.5	18.4	22.1	31.1	41.8	51.4
157.0	18.5	21.9	30.5	40.2	49.1
157.5	18.6	21.7	29.9	38.6	47.0
158.0	18.7	21.5	29.3	37.1	45.1
158.5	18.8	21.3	28.8	35.7	43.4
159.0	18.9	21.2	28.3	34.5	41.7
159.5	18.9	21.0	27.8	33.3	40.1
160.0	19.0	20.8	27.3	32.3	38.6
160.5	19.1	20.6	26.8	31.4	37.3
161.0	19.1	20.5	26.3	30.6	35.9
161.5	19.1	20.3	25.9	29.9	34.7
162.0	19.2	20.1	25.5	29.2	33.5
162.5	19.3	20.0	25.0	28.5	32.6
163.0	19.3	19.9	24.6	27.8	31.7
163.5	19.3	19.9	24.2	27.1	31.0
164.0	19.4	19.9	23.9	26.6	30.2
164.5	19.4	19.9	23.5	26.0	29.4
165.0	19.4	20.0	23.2	25.6	28.6
165.5	19.5	20.1	22.9	25.0	27.9
166.0	19.5	20.2	22.6	24.5	27.3
166.5	19.6	20.3	22.3	24.0	26.7

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	19.6	20.3	21.9	23.5	26.1
167.5	19.6	20.2	21.6	23.0	25.6
168.0	19.6	20.2	21.3	22.5	25.1
168.5	19.6	20.1	21.0	22.2	24.5
169.0	19.6	20.1	20.7	21.7	24.1
169.5	19.6	20.1	20.4	21.3	23.6
170.0	19.7	20.0	20.2	21.0	22.9
170.5	19.7	20.0	20.0	20.6	21.9
171.0	19.6	19.9	19.9	20.2	20.8
171.5	19.7	19.9	19.9	19.8	19.7
172.0	19.7	19.9	20.0	19.4	19.2
172.5	19.7	19.8	20.0	19.0	18.3
173.0	19.7	19.8	20.0	18.8	17.4
173.5	19.8	19.9	19.9	18.9	17.1
174.0	19.8	19.9	19.9	19.0	17.1
174.5	19.9	19.9	19.8	19.1	17.5
175.0	20.0	20.0	19.8	19.1	17.7
175.5	20.0	20.0	19.8	19.1	17.6
176.0	20.1	20.1	19.8	19.0	17.6
176.5	20.1	20.1	19.9	19.0	17.5
177.0	20.2	20.1	19.9	19.0	17.5
177.5	20.2	20.1	19.9	19.0	17.5
178.0	20.2	20.2	20.0	19.0	17.4
178.5	20.3	20.2	20.0	18.9	17.5
179.0	20.2	20.2	20.0	19.0	17.4
179.5	20.2	20.2	19.9	18.9	17.4
180.0	19.5	19.5	19.5	19.5	19.5

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

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	2175.45	N.A.	14.00
0-30	4571.42	N.A.	29.40
0-40	7293.7	N.A.	46.90
0-60	12269.09	N.A.	78.90
0-80	14848.07	N.A.	95.40
0-90	15153.78	N.A.	97.40
10-90	14592.81	N.A.	93.80
20-40	5118.25	N.A.	32.90
20-50	7798.59	N.A.	50.10
40-70	6640.6	N.A.	42.70
60-80	2578.98	N.A.	16.60
70-80	913.76	N.A.	5.90
80-90	305.71	N.A.	2.00
90-110	147.54	N.A.	0.90
90-120	209.83	N.A.	1.30
90-130	279.77	N.A.	1.80
90-150	378.81	N.A.	2.40
90-180	404.54	N.A.	2.60
110-180	257.00	N.A.	1.70
0-180	15558.32	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	560.97
10-20	1614.48
20-30	2395.97
30-40	2722.28
40-50	2680.34
50-60	2295.05
60-70	1665.21
70-80	913.76
80-90	305.71
90-100	87.15
100-110	60.38
110-120	62.29
120-130	69.94
130-140	59.71
140-150	39.33
150-160	17.11
160-170	6.74
170-180	1.88

IES INDOOR REPORT
PHOTOMETRIC FILENAME : HIGH-4-835-U10-SM-CA-N.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	118	118	118	118	115	115	115	115	110	110	110	104	104	104	100	100	100	97
1	108	104	100	96	105	101	98	94	97	93	91	92	90	87	88	86	84	82
2	99	91	84	79	96	89	83	78	85	80	75	81	77	73	78	74	71	69
3	90	80	72	66	88	78	71	65	75	69	64	72	67	62	69	65	61	59
4	83	71	63	56	81	70	62	56	67	60	55	64	59	54	62	57	53	51
5	77	64	55	49	74	63	54	48	60	53	48	58	52	47	56	51	46	44
6	71	58	49	43	69	57	48	42	55	47	42	53	46	41	51	45	41	39
7	66	53	44	38	64	52	43	38	50	43	37	48	42	37	47	41	36	34
8	61	48	40	34	60	47	39	34	46	39	33	44	38	33	43	37	33	31
9	57	44	36	31	56	43	36	30	42	35	30	41	34	30	40	34	30	28
10	54	41	33	28	52	40	33	28	39	32	27	38	32	27	37	31	27	25

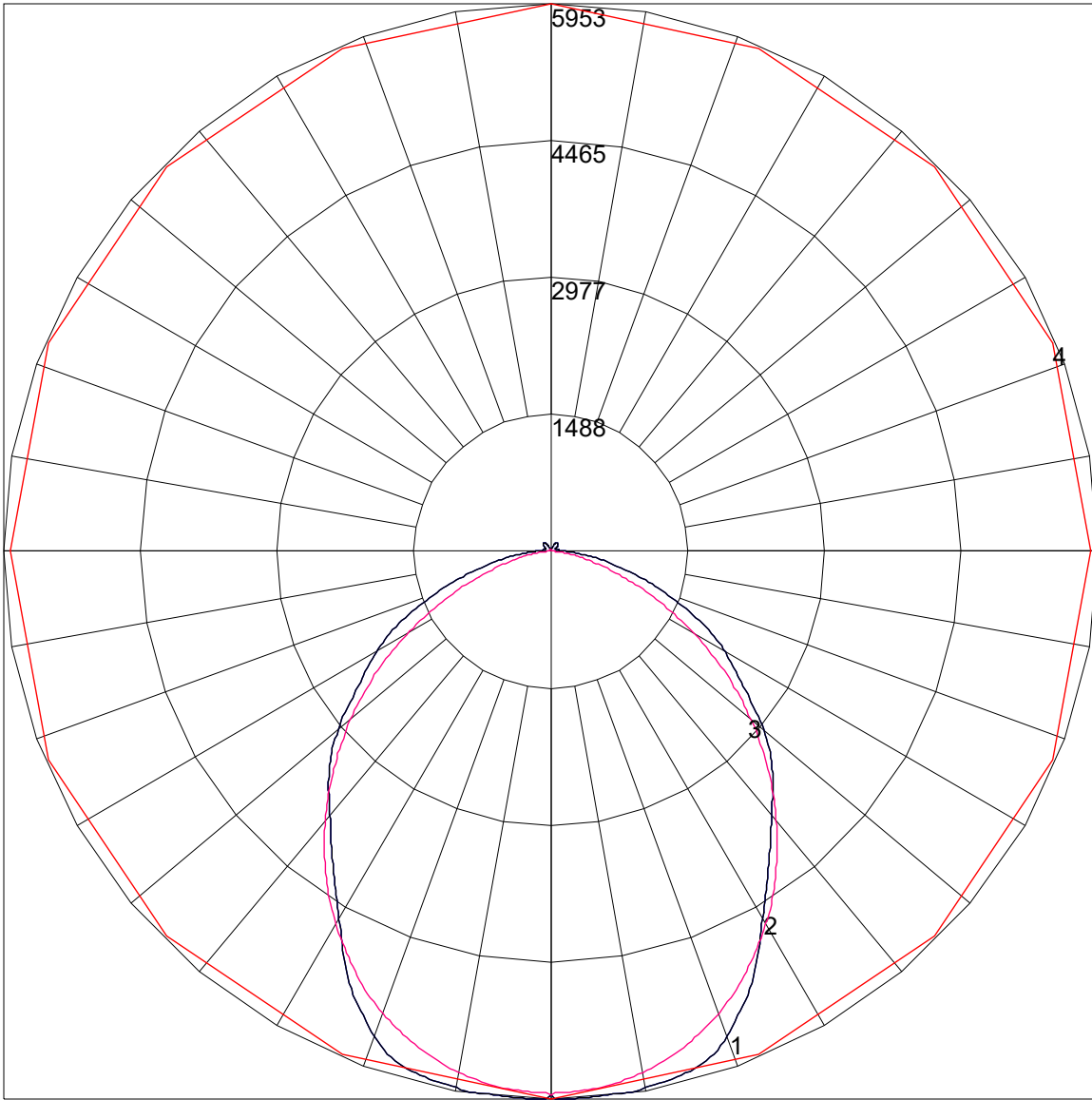
IES INDOOR REPORT
PHOTOMETRIC FILENAME : HIGH-4-835-U10-SM-CA-N.IES

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	24.1	25.7	24.5	26.0	26.4	25.3	26.8	25.7	27.2	27.6
	3H	25.1	26.5	25.5	26.9	27.3	27.1	28.5	27.5	28.8	29.3
	4H	25.3	26.6	25.8	27.1	27.5	27.7	29.0	28.2	29.4	29.9
	6H	25.4	26.6	25.9	27.1	27.5	28.2	29.4	28.7	29.8	30.3
	8H	25.4	26.6	25.9	27.0	27.5	28.4	29.5	28.8	30.0	30.4
	12H	25.4	26.5	25.9	27.0	27.5	28.5	29.6	29.0	30.0	30.5
4H	2H	24.8	26.1	25.3	26.5	27.0	25.7	27.0	26.2	27.4	27.9
	3H	26.1	27.1	26.5	27.6	28.1	27.7	28.8	28.2	29.3	29.7
	4H	26.4	27.4	26.9	27.8	28.3	28.5	29.4	29.0	29.9	30.4
	6H	26.6	27.4	27.1	27.9	28.4	29.1	29.9	29.6	30.4	30.9
	8H	26.6	27.4	27.1	27.9	28.4	29.3	30.1	29.8	30.6	31.1
	12H	26.6	27.3	27.1	27.8	28.4	29.5	30.2	30.0	30.7	31.2
8H	4H	26.8	27.6	27.3	28.1	28.6	28.6	29.4	29.1	29.9	30.5
	6H	27.0	27.7	27.6	28.2	28.8	29.3	30.0	29.8	30.5	31.1
	8H	27.1	27.7	27.6	28.2	28.8	29.6	30.2	30.1	30.7	31.3
	12H	27.1	27.6	27.7	28.2	28.8	29.8	30.4	30.4	30.9	31.5
12H	4H	26.8	27.5	27.3	28.1	28.6	28.6	29.3	29.1	29.9	30.4
	6H	27.1	27.7	27.7	28.2	28.8	29.3	29.9	29.9	30.4	31.0
	8H	27.2	27.7	27.8	28.3	28.9	29.6	30.2	30.2	30.7	31.3

Maximum UGR = 31.5

POLAR GRAPH



- Maximum Candela = 5953 Located At Horizontal Angle = 90, Vertical Angle = 2.5
- # 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 (2.5) (Through Max. Cd.)