



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

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] 14298494.03
 [TESTLAB] UL LLC
 [ISSUEDATE] 4/29/2022
 [MANUFAC] Lux Dynamics
 [LUMCAT] HIGH-4-835-U10-SM-WA
 [LUMINAIRE] HIGH Line LED Fixture, 4' Length, 3500K, White Acrylic Lens
 [LAMP] White LED array
 [BALLAST] Two (2) OSRAM OPTOTRONIC OTi 85/120-277/2A3 DIM L HB
 [OTHER] 24.7 C, 277.188 V, 0.405026 A, 106.996 W, 0.953036 PF, 59.9997
 [MORE] 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	15488
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	145
Total Luminaire Watts	106.996
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)	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	49572	43297	43917
55	44709	38274	40415
65	39253	33593	37218
75	30980	29686	33686
85	15656	26193	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	4571.0	4571.0	4571.0	4571.0	4571.0
0.5	4547.0	4571.0	4569.0	4571.0	4601.0
1.0	4546.0	4571.0	4568.0	4570.0	4600.0
1.5	4544.0	4569.0	4566.0	4569.0	4598.0
2.0	4542.0	4566.0	4564.0	4567.0	4596.0
2.5	4538.0	4564.0	4564.0	4566.0	4595.0
3.0	4534.0	4562.0	4560.0	4564.0	4593.0
3.5	4532.0	4557.0	4556.0	4561.0	4591.0
4.0	4528.0	4554.0	4552.0	4558.0	4590.0
4.5	4525.0	4549.0	4550.0	4556.0	4588.0
5.0	4520.0	4544.0	4546.0	4550.0	4584.0
5.5	4514.0	4540.0	4541.0	4547.0	4579.0
6.0	4510.0	4534.0	4536.0	4542.0	4575.0
6.5	4503.0	4528.0	4531.0	4537.0	4571.0
7.0	4494.0	4522.0	4524.0	4534.0	4568.0
7.5	4486.0	4513.0	4519.0	4528.0	4562.0
8.0	4478.0	4507.0	4512.0	4523.0	4557.0
8.5	4471.0	4498.0	4504.0	4517.0	4552.0
9.0	4460.0	4489.0	4495.0	4511.0	4545.0
9.5	4451.0	4481.0	4489.0	4505.0	4538.0
10.0	4440.0	4470.0	4479.0	4496.0	4532.0
10.5	4429.0	4459.0	4469.0	4490.0	4524.0
11.0	4419.0	4448.0	4460.0	4481.0	4516.0
11.5	4407.0	4438.0	4450.0	4473.0	4509.0
12.0	4394.0	4426.0	4441.0	4464.0	4500.0
12.5	4382.0	4413.0	4430.0	4455.0	4491.0
13.0	4369.0	4400.0	4420.0	4446.0	4483.0
13.5	4356.0	4387.0	4409.0	4434.0	4473.0
14.0	4340.0	4374.0	4397.0	4424.0	4465.0
14.5	4325.0	4359.0	4385.0	4413.0	4454.0
15.0	4309.0	4344.0	4372.0	4400.0	4443.0
15.5	4295.0	4328.0	4358.0	4389.0	4432.0
16.0	4279.0	4313.0	4344.0	4377.0	4419.0
16.5	4261.0	4296.0	4330.0	4365.0	4408.0
17.0	4245.0	4279.0	4316.0	4352.0	4394.0
17.5	4225.0	4262.0	4300.0	4337.0	4381.0
18.0	4206.0	4246.0	4284.0	4322.0	4368.0
18.5	4188.0	4228.0	4267.0	4309.0	4355.0
19.0	4171.0	4211.0	4250.0	4294.0	4340.0
19.5	4151.0	4191.0	4234.0	4279.0	4325.0
20.0	4130.0	4171.0	4216.0	4261.0	4310.0
20.5	4109.0	4150.0	4198.0	4246.0	4295.0
21.0	4087.0	4130.0	4179.0	4232.0	4279.0
21.5	4067.0	4110.0	4160.0	4214.0	4262.0
22.0	4045.0	4090.0	4141.0	4197.0	4248.0
22.5	4024.0	4068.0	4121.0	4180.0	4229.0
23.0	4003.0	4046.0	4100.0	4162.0	4212.0
23.5	3980.0	4022.0	4082.0	4145.0	4197.0
24.0	3957.0	4000.0	4061.0	4127.0	4178.0
24.5	3933.0	3976.0	4039.0	4108.0	4160.0
25.0	3909.0	3953.0	4018.0	4089.0	4141.0
25.5	3884.0	3929.0	3998.0	4070.0	4124.0
26.0	3858.0	3904.0	3976.0	4049.0	4105.0
26.5	3832.0	3880.0	3952.0	4029.0	4084.0

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CANDELA TABULATION - (Cont.)

27.0	3804.0	3854.0	3929.0	4008.0	4065.0
27.5	3780.0	3828.0	3906.0	3987.0	4045.0
28.0	3749.0	3802.0	3884.0	3967.0	4024.0
28.5	3720.0	3777.0	3860.0	3945.0	4005.0
29.0	3692.0	3749.0	3836.0	3926.0	3985.0
29.5	3665.0	3721.0	3810.0	3904.0	3964.0
30.0	3634.0	3693.0	3786.0	3881.0	3943.0
30.5	3606.0	3665.0	3762.0	3859.0	3921.0
31.0	3576.0	3638.0	3737.0	3837.0	3900.0
31.5	3548.0	3608.0	3711.0	3814.0	3877.0
32.0	3516.0	3579.0	3686.0	3791.0	3857.0
32.5	3489.0	3550.0	3661.0	3768.0	3835.0
33.0	3459.0	3522.0	3635.0	3745.0	3812.0
33.5	3428.0	3492.0	3607.0	3721.0	3791.0
34.0	3397.0	3463.0	3581.0	3697.0	3768.0
34.5	3364.0	3432.0	3553.0	3673.0	3744.0
35.0	3334.0	3401.0	3526.0	3649.0	3722.0
35.5	3302.0	3372.0	3500.0	3626.0	3700.0
36.0	3269.0	3341.0	3472.0	3600.0	3676.0
36.5	3238.0	3309.0	3445.0	3575.0	3650.0
37.0	3214.0	3276.0	3415.0	3548.0	3624.0
37.5	3174.0	3249.0	3386.0	3524.0	3601.0
38.0	3149.0	3216.0	3359.0	3500.0	3577.0
38.5	3109.0	3183.0	3331.0	3474.0	3552.0
39.0	3072.0	3152.0	3303.0	3448.0	3528.0
39.5	3038.0	3119.0	3273.0	3422.0	3500.0
40.0	3017.0	3087.0	3245.0	3395.0	3475.0
40.5	2976.0	3050.0	3214.0	3369.0	3450.0
41.0	2935.0	3025.0	3188.0	3344.0	3424.0
41.5	2905.0	2993.0	3157.0	3316.0	3398.0
42.0	2865.0	2960.0	3123.0	3291.0	3373.0
42.5	2831.0	2932.0	3096.0	3262.0	3349.0
43.0	2802.0	2891.0	3065.0	3236.0	3323.0
43.5	2762.0	2856.0	3037.0	3210.0	3297.0
44.0	2725.0	2824.0	3007.0	3186.0	3271.0
44.5	2691.0	2790.0	2975.0	3159.0	3250.0
45.0	2655.0	2766.0	2945.0	3131.0	3221.0
45.5	2623.0	2723.0	2914.0	3100.0	3196.0
46.0	2589.0	2696.0	2884.0	3081.0	3173.0
46.5	2552.0	2659.0	2846.0	3049.0	3146.0
47.0	2513.0	2618.0	2818.0	3022.0	3129.0
47.5	2479.0	2589.0	2789.0	2998.0	3097.0
48.0	2444.0	2556.0	2759.0	2965.0	3078.0
48.5	2411.0	2522.0	2725.0	2947.0	3047.0
49.0	2377.0	2488.0	2691.0	2916.0	3019.0
49.5	2339.0	2455.0	2665.0	2892.0	2996.0
50.0	2304.0	2420.0	2632.0	2864.0	2960.0
50.5	2271.0	2387.0	2594.0	2833.0	2949.0
51.0	2236.0	2351.0	2563.0	2809.0	2915.0
51.5	2202.0	2318.0	2541.0	2785.0	2889.0
52.0	2166.0	2283.0	2510.0	2754.0	2869.0
52.5	2130.0	2250.0	2474.0	2722.0	2831.0
53.0	2096.0	2215.0	2443.0	2697.0	2809.0
53.5	2065.0	2181.0	2409.0	2672.0	2782.0
54.0	2028.0	2147.0	2381.0	2651.0	2748.0
54.5	1996.0	2113.0	2349.0	2624.0	2730.0

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PHOTOMETRIC FILENAME : HIGH-4-835-U10-SM-WA.IES

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55.0	1960.0	2078.0	2319.0	2591.0	2698.0
55.5	1928.0	2045.0	2288.0	2565.0	2669.0
56.0	1893.0	2010.0	2258.0	2535.0	2646.0
56.5	1861.0	1977.0	2226.0	2509.0	2618.0
57.0	1825.0	1942.0	2198.0	2483.0	2595.0
57.5	1793.0	1908.0	2167.0	2455.0	2568.0
58.0	1759.0	1872.0	2136.0	2422.0	2545.0
58.5	1727.0	1838.0	2105.0	2398.0	2516.0
59.0	1690.0	1806.0	2075.0	2369.0	2489.0
59.5	1659.0	1771.0	2048.0	2345.0	2466.0
60.0	1625.0	1738.0	2016.0	2317.0	2434.0
60.5	1591.0	1704.0	1987.0	2290.0	2409.0
61.0	1557.0	1670.0	1956.0	2262.0	2383.0
61.5	1523.0	1636.0	1927.0	2235.0	2355.0
62.0	1491.0	1602.0	1898.0	2208.0	2324.0
62.5	1457.0	1570.0	1868.0	2181.0	2297.0
63.0	1422.0	1537.0	1839.0	2155.0	2272.0
63.5	1388.0	1503.0	1810.0	2128.0	2245.0
64.0	1355.0	1471.0	1780.0	2101.0	2220.0
64.5	1321.0	1439.0	1751.0	2073.0	2190.0
65.0	1287.0	1404.0	1724.0	2046.0	2164.0
65.5	1253.0	1372.0	1696.0	2018.0	2136.0
66.0	1220.0	1339.0	1669.0	1993.0	2108.0
66.5	1190.0	1308.0	1640.0	1965.0	2080.0
67.0	1157.0	1277.0	1613.0	1939.0	2053.0
67.5	1123.0	1246.0	1586.0	1913.0	2023.0
68.0	1089.0	1215.0	1559.0	1886.0	1996.0
68.5	1056.0	1183.0	1532.0	1858.0	1967.0
69.0	1023.0	1154.0	1505.0	1831.0	1940.0
69.5	989.5	1124.0	1479.0	1804.0	1914.0
70.0	956.7	1094.0	1454.0	1778.0	1886.0
70.5	924.4	1064.0	1428.0	1750.0	1858.0
71.0	892.0	1034.0	1403.0	1723.0	1829.0
71.5	859.7	1005.0	1378.0	1696.0	1802.0
72.0	827.9	975.6	1351.0	1669.0	1774.0
72.5	796.8	946.7	1326.0	1642.0	1745.0
73.0	765.7	918.4	1300.0	1616.0	1716.0
73.5	734.6	890.5	1274.0	1590.0	1693.0
74.0	703.3	862.3	1250.0	1563.0	1664.0
74.5	672.9	835.3	1227.0	1535.0	1637.0
75.0	642.5	808.4	1202.0	1509.0	1609.0
75.5	612.4	782.2	1177.0	1483.0	1582.0
76.0	582.3	756.4	1153.0	1456.0	1557.0
76.5	553.1	731.3	1129.0	1431.0	1531.0
77.0	524.2	706.7	1104.0	1404.0	1503.0
77.5	495.6	682.8	1079.0	1379.0	1477.0
78.0	466.6	658.9	1055.0	1353.0	1451.0
78.5	438.5	635.6	1031.0	1328.0	1425.0
79.0	410.8	612.9	1007.0	1304.0	1400.0
79.5	383.5	590.6	983.4	1279.0	1374.0
80.0	356.7	568.7	959.9	1254.0	1351.0
80.5	330.6	546.8	936.7	1231.0	1325.0
81.0	304.9	525.6	913.8	1207.0	1299.0
81.5	280.0	504.3	891.3	1182.0	1275.0
82.0	255.5	483.7	869.1	1158.0	1252.0
82.5	231.8	463.4	847.5	1136.0	1229.0

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CANDELA TABULATION - (Cont.)

83.0	209.0	443.3	826.3	1114.0	1205.0
83.5	187.0	423.9	805.2	1091.0	1182.0
84.0	165.8	404.9	784.7	1068.0	1159.0
84.5	145.6	386.4	764.6	1046.0	1137.0
85.0	126.2	368.7	744.7	1024.0	1118.0
85.5	108.3	351.6	725.2	1004.0	1096.0
86.0	91.0	334.9	706.3	983.8	1075.0
86.5	74.9	319.1	688.1	964.2	1055.0
87.0	60.2	303.9	670.4	945.3	1035.0
87.5	47.1	290.1	653.9	927.2	1016.0
88.0	35.6	277.0	638.0	909.6	997.9
88.5	25.9	265.0	623.5	892.7	980.5
89.0	18.5	254.1	609.6	876.6	963.4
89.5	12.8	244.4	596.3	861.1	947.5
90.0	8.1	235.8	584.0	846.2	931.9
90.5	7.1	227.9	572.3	832.1	917.3
91.0	7.2	220.8	561.4	818.3	903.3
91.5	7.4	214.4	550.6	805.2	889.8
92.0	7.6	208.4	540.6	792.8	876.5
92.5	7.9	203.0	530.9	780.3	863.8
93.0	8.1	197.5	522.0	768.6	851.4
93.5	8.3	192.4	513.4	757.2	839.7
94.0	8.8	187.5	504.9	746.1	828.0
94.5	9.3	183.0	496.6	735.6	816.4
95.0	9.7	178.4	488.3	725.1	805.6
95.5	10.3	173.9	479.8	714.4	794.8
96.0	10.9	169.8	471.1	704.4	783.8
96.5	11.4	166.0	462.7	694.2	772.9
97.0	11.9	162.2	454.4	684.0	762.5
97.5	12.5	158.8	446.4	674.3	752.0
98.0	13.1	155.5	438.3	664.6	741.4
98.5	13.6	152.6	430.4	655.0	731.0
99.0	14.3	149.9	422.7	645.3	720.8
99.5	15.0	147.5	415.0	635.8	710.4
100.0	15.7	145.4	407.6	626.3	700.2
100.5	16.3	143.5	400.1	616.7	689.9
101.0	16.9	142.3	392.8	607.3	679.7
101.5	17.7	141.4	385.9	597.9	669.7
102.0	18.5	140.4	379.0	588.6	659.7
102.5	19.3	139.9	372.3	579.4	650.1
103.0	20.2	139.7	365.7	570.3	640.3
103.5	21.1	139.8	359.2	561.2	630.7
104.0	21.9	139.9	352.9	552.0	621.5
104.5	22.9	140.2	346.8	543.1	612.1
105.0	23.8	140.6	341.1	534.3	602.4
105.5	24.8	141.0	335.2	525.6	593.4
106.0	25.9	141.2	329.5	516.9	584.1
106.5	26.9	141.5	324.2	508.4	575.3
107.0	27.9	142.0	319.0	499.8	566.5
107.5	28.9	142.2	314.2	491.7	557.5
108.0	29.8	142.7	309.5	483.6	548.6
108.5	30.8	143.0	305.3	475.6	540.1
109.0	31.7	143.1	301.4	467.8	531.7
109.5	32.7	143.4	297.9	460.3	523.1
110.0	33.7	143.3	294.8	452.9	515.0
110.5	34.6	143.3	292.0	445.5	506.8

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CANDELA TABULATION - (Cont.)

111.0	35.6	143.2	289.5	438.6	499.1
111.5	36.6	143.1	287.5	431.9	491.1
112.0	37.6	143.0	285.3	425.2	483.6
112.5	38.5	142.9	283.7	418.8	475.8
113.0	39.4	142.7	282.1	412.8	468.7
113.5	40.3	142.2	281.0	407.0	461.5
114.0	41.3	141.9	280.0	401.6	454.5
114.5	42.3	141.9	279.3	396.6	447.8
115.0	43.3	141.8	278.4	391.8	441.3
115.5	44.3	141.9	277.5	387.5	435.5
116.0	45.2	141.9	276.8	383.4	429.6
116.5	46.0	142.0	276.0	379.6	424.2
117.0	46.8	142.1	275.2	376.2	419.2
117.5	47.6	142.5	274.5	373.2	414.5
118.0	48.4	142.9	273.6	370.2	410.3
118.5	49.2	143.0	272.8	367.5	406.3
119.0	49.9	143.2	272.0	365.1	402.7
119.5	50.5	143.2	271.1	362.9	399.3
120.0	51.1	143.4	270.3	361.0	395.8
120.5	51.6	143.3	269.5	359.5	392.9
121.0	52.0	143.2	268.5	358.0	390.1
121.5	52.5	142.8	267.8	356.4	387.6
122.0	53.2	143.0	266.9	354.8	385.4
122.5	53.8	142.8	265.8	353.2	383.7
123.0	54.4	142.3	264.7	351.7	381.8
123.5	54.8	141.3	262.8	350.0	379.8
124.0	55.4	140.4	260.3	348.3	377.8
124.5	55.8	139.9	257.6	346.6	376.0
125.0	56.4	140.0	255.7	345.0	374.1
125.5	56.9	140.6	254.6	343.2	372.5
126.0	57.4	141.3	253.8	341.5	370.3
126.5	57.8	141.3	252.7	339.7	368.1
127.0	58.3	140.5	251.4	337.9	366.3
127.5	58.7	139.8	250.1	336.0	364.2
128.0	59.2	139.2	248.6	334.1	362.4
128.5	59.6	138.5	247.2	332.1	360.2
129.0	60.1	137.9	246.0	330.1	358.1
129.5	60.5	137.3	244.9	327.9	356.0
130.0	60.9	136.6	243.4	325.9	353.8
130.5	61.3	135.7	241.9	323.8	351.7
131.0	61.8	134.9	240.0	321.6	349.4
131.5	62.2	134.1	238.1	319.3	347.2
132.0	62.6	133.4	236.0	317.1	344.9
132.5	63.1	132.4	233.5	314.8	342.6
133.0	63.4	131.4	230.9	311.5	340.2
133.5	63.8	130.4	228.3	307.6	337.6
134.0	64.1	129.2	225.8	303.8	335.0
134.5	64.5	128.1	223.5	300.4	332.4
135.0	64.9	126.8	221.1	297.7	329.8
135.5	65.1	125.6	218.6	295.5	327.4
136.0	65.4	124.3	216.2	293.3	324.6
136.5	65.7	123.1	213.3	290.9	321.7
137.0	65.9	121.9	210.4	288.2	319.0
137.5	66.2	120.8	207.2	285.6	316.4
138.0	66.5	119.6	204.3	283.3	313.5
138.5	66.6	118.5	201.6	280.8	310.5

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

CANDELA TABULATION - (Cont.)

139.0	67.0	117.5	199.6	278.5	307.4
139.5	67.2	116.5	198.0	276.3	304.4
140.0	67.4	115.4	196.1	274.2	300.8
140.5	67.6	114.3	193.8	271.9	297.3
141.0	67.9	113.5	191.7	269.7	293.9
141.5	68.0	112.5	190.2	267.6	290.1
142.0	68.5	111.2	188.4	265.0	286.2
142.5	69.2	110.4	187.4	262.8	282.3
143.0	70.1	109.7	186.5	260.2	277.6
143.5	70.9	109.0	184.9	257.5	271.9
144.0	71.7	108.2	182.8	254.7	266.1
144.5	72.5	107.4	180.8	251.5	261.3
145.0	73.5	106.6	178.7	248.3	257.3
145.5	74.4	105.8	176.4	244.6	254.6
146.0	75.3	105.2	174.1	240.5	252.7
146.5	76.1	104.7	171.7	236.3	251.4
147.0	77.0	103.9	169.4	232.0	249.3
147.5	77.7	103.1	167.1	227.7	247.3
148.0	78.5	102.4	165.0	223.6	245.0
148.5	79.3	101.6	162.5	219.7	242.8
149.0	80.1	100.8	160.1	215.3	240.5
149.5	80.9	100.1	157.3	210.7	237.9
150.0	81.7	99.4	154.8	205.8	235.6
150.5	82.5	98.6	152.4	201.4	232.9
151.0	83.2	97.7	150.0	197.8	230.4
151.5	83.8	97.2	147.7	194.2	227.6
152.0	84.4	96.6	145.6	190.7	225.0
152.5	85.0	96.0	143.5	187.8	222.4
153.0	85.7	95.5	141.4	185.2	219.2
153.5	86.3	95.0	139.6	182.4	216.2
154.0	86.9	94.5	137.8	179.7	213.0
154.5	87.6	94.2	136.2	177.2	209.8
155.0	88.4	93.8	134.6	174.1	206.5
155.5	89.1	93.4	132.8	171.0	203.6
156.0	89.8	93.0	131.0	167.4	200.4
156.5	90.4	92.4	129.0	163.9	197.2
157.0	91.1	91.8	127.1	160.0	193.8
157.5	92.0	91.3	125.1	155.6	190.3
158.0	93.0	90.7	123.1	151.4	186.7
158.5	93.9	90.1	121.1	147.3	183.2
159.0	94.8	89.6	119.2	143.4	179.6
159.5	95.7	89.0	117.1	139.8	175.9
160.0	96.5	88.5	115.1	136.5	172.1
160.5	97.2	88.7	113.3	133.5	167.6
161.0	98.0	88.9	111.5	130.6	163.0
161.5	98.7	89.1	109.8	127.1	159.0
162.0	99.5	89.5	107.9	123.8	155.4
162.5	100.3	90.7	106.0	120.5	152.2
163.0	101.0	92.0	104.2	117.2	148.7
163.5	101.5	93.2	102.8	114.0	145.6
164.0	101.8	93.8	101.4	110.9	142.6
164.5	102.4	94.2	99.9	107.8	138.7
165.0	103.2	94.7	98.1	105.1	134.6
165.5	104.0	95.3	96.6	102.1	131.3
166.0	104.7	96.0	95.6	99.4	129.0
166.5	105.4	96.9	94.5	97.1	127.0

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

CANDELA TABULATION - (Cont.)

167.0	106.1	97.9	93.4	94.7	124.9
167.5	106.8	99.3	92.3	92.3	122.7
168.0	107.4	101.2	91.1	90.0	120.3
168.5	108.0	103.2	89.7	87.8	117.0
169.0	108.7	104.7	89.0	85.7	114.2
169.5	109.2	106.1	89.8	83.8	113.0
170.0	109.6	107.5	91.0	82.1	111.6
170.5	109.8	108.5	92.9	80.2	105.2
171.0	110.0	108.8	94.4	78.8	86.0
171.5	110.2	108.9	94.8	77.9	77.1
172.0	110.4	109.0	94.7	78.7	75.0
172.5	110.6	109.1	94.8	80.8	64.7
173.0	110.9	109.2	95.7	82.6	50.3
173.5	111.2	109.2	98.1	83.0	46.9
174.0	111.5	109.2	100.6	81.5	46.7
174.5	111.7	109.2	102.3	81.0	45.9
175.0	112.0	109.6	102.9	83.1	45.8
175.5	112.3	110.1	102.7	86.0	47.3
176.0	112.4	110.5	102.5	87.9	49.5
176.5	112.7	110.9	102.5	88.1	50.6
177.0	112.9	111.2	103.0	87.8	50.6
177.5	113.0	111.4	103.5	87.6	50.5
178.0	113.1	111.7	103.8	87.6	50.5
178.5	113.1	112.0	104.3	87.7	50.8
179.0	113.2	112.2	105.0	87.9	51.0
179.5	113.2	112.3	105.6	88.2	51.3
180.0	97.2	97.2	97.2	97.2	97.2

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

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1665.49	N.A.	10.80
0-30	3517.6	N.A.	22.70
0-40	5723.33	N.A.	37.00
0-60	10080.26	N.A.	65.10
0-80	13021.1	N.A.	84.10
0-90	13784.62	N.A.	89.00
10-90	13352.52	N.A.	86.20
20-40	4057.83	N.A.	26.20
20-50	6329.65	N.A.	40.90
40-70	6067.3	N.A.	39.20
60-80	2940.85	N.A.	19.00
70-80	1230.47	N.A.	7.90
80-90	763.52	N.A.	4.90
90-110	847.60	N.A.	5.50
90-120	1111.9	N.A.	7.20
90-130	1326.89	N.A.	8.60
90-150	1600.65	N.A.	10.30
90-180	1703.79	N.A.	11.00
110-180	856.18	N.A.	5.50
0-180	15488.41	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	432.10
10-20	1233.39
20-30	1852.11
30-40	2205.73
40-50	2271.82
50-60	2085.11
60-70	1710.38
70-80	1230.47
80-90	763.52
90-100	493.89
100-110	353.71
110-120	264.30
120-130	214.99
130-140	163.69
140-150	110.07
150-160	63.86
160-170	30.26
170-180	9.02

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

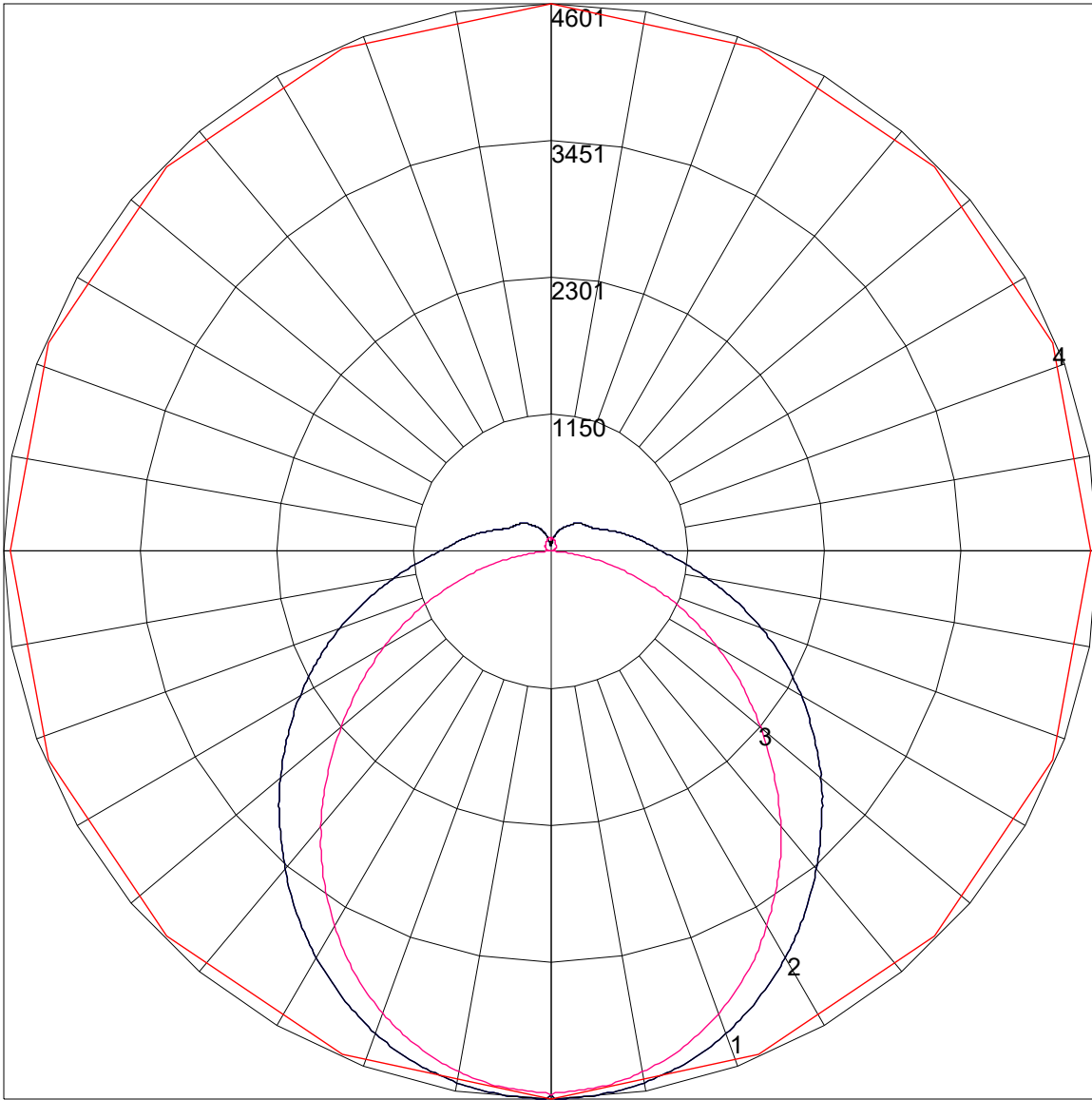
IES INDOOR REPORT
PHOTOMETRIC FILENAME : HIGH-4-835-U10-SM-WA.IES

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	22.4	23.9	22.9	24.4	25.0	25.2	26.7	25.8	27.2	27.8
	3H	23.8	25.1	24.3	25.6	26.3	27.7	29.0	28.3	29.6	30.2
	4H	24.2	25.5	24.8	26.0	26.6	28.9	30.2	29.5	30.7	31.3
	6H	24.5	25.6	25.0	26.2	26.8	30.1	31.3	30.7	31.9	32.5
	8H	24.5	25.6	25.1	26.2	26.8	30.8	31.9	31.3	32.5	33.1
	12H	24.5	25.6	25.1	26.1	26.8	31.5	32.5	32.0	33.1	33.8
4H	2H	23.4	24.6	23.9	25.2	25.8	25.6	26.8	26.1	27.4	28.0
	3H	25.0	26.0	25.5	26.6	27.3	28.3	29.4	28.9	30.0	30.6
	4H	25.5	26.5	26.1	27.1	27.7	29.7	30.6	30.3	31.2	31.9
	6H	25.8	26.7	26.4	27.3	28.0	31.1	31.9	31.7	32.6	33.3
	8H	25.9	26.7	26.5	27.3	28.1	31.8	32.6	32.4	33.2	33.9
	12H	26.0	26.7	26.6	27.3	28.0	32.6	33.3	33.2	34.0	34.7
8H	4H	26.3	27.1	26.9	27.7	28.4	29.8	30.6	30.4	31.3	32.0
	6H	26.8	27.5	27.4	28.1	28.8	31.4	32.1	32.1	32.8	33.5
	8H	26.9	27.6	27.6	28.2	28.9	32.3	32.9	32.9	33.6	34.3
	12H	27.0	27.6	27.7	28.2	29.0	33.3	33.8	33.9	34.5	35.3
12H	4H	26.5	27.2	27.1	27.9	28.6	29.8	30.6	30.5	31.2	31.9
	6H	27.1	27.7	27.8	28.4	29.1	31.4	32.1	32.1	32.7	33.5
	8H	27.4	27.9	28.0	28.6	29.4	32.4	32.9	33.0	33.6	34.4

Maximum UGR = 35.3

POLAR GRAPH



Maximum Candela = 4601 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.)