



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

**DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
 [TEST] 14298494.07\_modified to 2ft length  
 [TESTLAB] UL LLC  
 [ISSUEDATE] 4/29/2022  
 [MANUFAC] Lux Dynamics  
 [LUMCAT] HIGH-2-835-U10-SM-[Blank]-N  
 [LUMINAIRE] HIGH Line LED Fixtures, 2' Length, 3500K, Narrow Optic Reflector, No Lens  
 [LAMP] White LED array  
 [BALLAST] One (1) OSRAM OPTOTRONIC OTi 85/120-277/2A3 DIM L HB  
 [OTHER] -  
 [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	8509
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	159
Total Luminaire Watts	53.6005
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.30
Spacing Criterion (90-270)	1.18
Spacing Criterion (Diagonal)	1.32
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	85348	56974	60565
55	81987	55934	34633
65	74908	23458	3287
75	58682	2142	1690
85	25072	879	381

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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	3347.50	3347.50	3347.50	3347.50	3347.50
0.5	3332.00	3333.00	3345.00	3356.00	3383.00
1.0	3333.00	3333.50	3348.50	3361.50	3389.50
1.5	3331.50	3336.00	3353.50	3370.00	3400.00
2.0	3331.00	3337.00	3361.00	3381.00	3411.00
2.5	3330.50	3338.50	3368.50	3390.50	3420.00
3.0	3330.00	3340.50	3377.00	3401.50	3434.50
3.5	3328.00	3343.50	3385.50	3418.50	3460.50
4.0	3325.00	3347.00	3395.50	3445.50	3498.50
4.5	3323.00	3350.00	3408.00	3483.00	3549.00
5.0	3321.00	3354.00	3426.00	3528.50	3603.50
5.5	3318.50	3357.00	3449.50	3578.50	3665.00
6.0	3316.50	3359.50	3477.50	3636.50	3733.00
6.5	3313.00	3363.50	3511.50	3696.50	3807.00
7.0	3309.50	3366.50	3548.50	3762.50	3885.50
7.5	3307.00	3371.00	3589.50	3834.50	3969.00
8.0	3303.00	3375.50	3633.50	3912.00	4049.50
8.5	3299.00	3381.00	3680.50	3989.50	4123.50
9.0	3295.50	3388.00	3730.00	4062.50	4200.00
9.5	3291.50	3397.00	3782.00	4133.00	4279.00
10.0	3287.50	3406.50	3837.50	4207.50	4351.50
10.5	3282.50	3418.00	3896.50	4279.00	4413.50
11.0	3278.50	3430.50	3955.00	4345.00	4454.00
11.5	3273.00	3444.50	4013.00	4396.50	4474.50
12.0	3268.50	3459.50	4069.00	4429.00	4475.50
12.5	3262.00	3476.00	4123.00	4445.00	4455.00
13.0	3256.00	3494.00	4179.50	4442.50	4423.00
13.5	3250.00	3512.00	4233.00	4423.50	4374.00
14.0	3244.00	3531.50	4282.00	4391.50	4306.50
14.5	3237.00	3550.50	4325.00	4346.00	4223.50
15.0	3230.50	3571.00	4358.50	4286.50	4132.50
15.5	3222.00	3592.00	4381.50	4211.50	4032.00
16.0	3214.50	3613.50	4393.50	4124.00	3926.00
16.5	3207.50	3637.00	4393.50	4031.00	3818.50
17.0	3200.50	3660.50	4381.00	3935.50	3705.50
17.5	3192.50	3685.00	4361.00	3834.00	3594.00
18.0	3185.50	3711.50	4329.50	3729.50	3488.00
18.5	3175.50	3739.00	4291.00	3623.00	3379.00
19.0	3167.00	3766.00	4243.00	3520.00	3281.00
19.5	3158.00	3792.50	4184.00	3417.00	3185.50
20.0	3150.00	3818.50	4118.00	3317.50	3099.50
20.5	3140.50	3845.00	4044.00	3225.00	3021.00
21.0	3129.00	3869.50	3963.50	3136.00	2943.50
21.5	3119.00	3894.50	3880.00	3053.50	2872.50
22.0	3111.50	3919.50	3795.50	2977.50	2804.50
22.5	3100.50	3943.00	3708.50	2904.50	2740.50
23.0	3088.00	3966.50	3618.50	2835.00	2684.50
23.5	3076.50	3987.00	3527.50	2769.50	2631.00
24.0	3061.50	4005.00	3440.00	2707.50	2583.50
24.5	3048.00	4021.00	3351.50	2650.50	2541.00
25.0	3035.00	4033.50	3262.00	2598.00	2504.00
25.5	3020.50	4044.00	3179.50	2550.50	2473.50
26.0	3008.50	4051.00	3100.50	2506.00	2447.00
26.5	2994.00	4053.50	3024.00	2466.00	2428.50

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**CANDELA TABULATION - (Cont.)**

27.0	2980.50	4055.50	2951.50	2432.00	2420.00
27.5	2968.00	4051.00	2882.50	2402.50	2424.00
28.0	2955.00	4043.50	2818.00	2379.00	2443.00
28.5	2940.50	4031.00	2755.50	2361.50	2470.00
29.0	2927.50	4014.00	2695.00	2353.50	2504.00
29.5	2913.00	3993.50	2635.50	2357.50	2542.50
30.0	2899.00	3968.50	2580.50	2374.00	2583.50
30.5	2884.00	3941.00	2528.00	2400.00	2616.00
31.0	2870.00	3909.00	2478.00	2431.50	2634.00
31.5	2854.50	3872.50	2431.00	2464.50	2636.00
32.0	2840.00	3832.50	2388.00	2499.50	2618.50
32.5	2824.00	3790.00	2347.00	2531.00	2575.50
33.0	2807.00	3741.50	2309.50	2549.50	2509.00
33.5	2789.00	3689.50	2274.50	2553.50	2443.50
34.0	2769.00	3633.50	2243.50	2542.00	2385.00
34.5	2751.00	3573.50	2216.00	2509.50	2336.50
35.0	2733.00	3510.00	2192.50	2450.50	2311.00
35.5	2717.00	3443.00	2174.50	2387.50	2314.00
36.0	2699.50	3375.50	2164.50	2330.50	2351.50
36.5	2681.50	3306.50	2162.50	2278.00	2432.50
37.0	2665.50	3236.50	2170.50	2241.50	2525.50
37.5	2647.00	3164.50	2186.50	2230.00	2617.00
38.0	2629.00	3091.50	2206.00	2247.50	2694.50
38.5	2610.50	3018.00	2229.50	2301.50	2733.00
39.0	2591.50	2946.50	2254.50	2384.00	2724.00
39.5	2573.50	2874.00	2277.00	2473.00	2678.00
40.0	2552.50	2801.00	2292.50	2554.00	2613.50
40.5	2531.50	2728.00	2300.00	2613.50	2520.50
41.0	2509.50	2658.00	2295.00	2633.00	2418.00
41.5	2487.50	2590.50	2278.00	2606.00	2333.50
42.0	2466.50	2525.50	2241.50	2552.50	2254.00
42.5	2443.50	2461.50	2184.50	2479.50	2195.50
43.0	2421.00	2400.50	2126.00	2379.50	2165.00
43.5	2399.50	2341.00	2071.00	2281.50	2155.00
44.0	2377.00	2282.50	2018.00	2201.00	2168.00
44.5	2355.50	2227.00	1977.00	2127.00	2197.50
45.0	2334.00	2173.00	1960.50	2079.50	2221.00
45.5	2312.50	2120.00	1965.00	2057.00	2228.50
46.0	2290.50	2068.50	1992.50	2054.00	2224.50
46.5	2267.50	2017.50	2051.50	2068.50	2207.00
47.0	2243.00	1971.00	2121.00	2095.50	2133.50
47.5	2219.00	1923.00	2188.50	2108.50	2013.50
48.0	2195.00	1878.50	2237.00	2110.50	1869.00
48.5	2172.00	1835.50	2254.50	2104.00	1743.00
49.0	2147.50	1798.00	2237.00	2070.50	1639.50
49.5	2123.50	1755.50	2188.50	1978.00	1560.50
50.0	2099.50	1721.50	2121.50	1849.50	1518.50
50.5	2075.50	1688.00	2033.50	1716.00	1503.50
51.0	2051.00	1654.50	1940.50	1601.50	1492.50
51.5	2027.00	1622.50	1858.00	1507.00	1478.00
52.0	2002.00	1594.00	1790.00	1451.50	1485.50
52.5	1976.00	1566.50	1736.00	1424.00	1501.00
53.0	1951.50	1545.50	1709.00	1411.50	1488.00
53.5	1927.50	1530.00	1697.50	1396.50	1426.00
54.0	1902.00	1521.50	1700.00	1394.50	1354.00
54.5	1875.50	1522.00	1715.50	1410.00	1264.50

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55.0	1851.00	1525.00	1720.50	1408.00	1156.00
55.5	1825.00	1526.00	1718.00	1369.00	1037.50
56.0	1798.50	1532.50	1700.50	1300.50	958.00
56.5	1774.50	1539.00	1644.50	1216.50	890.00
57.0	1745.50	1539.50	1545.00	1115.50	805.50
57.5	1720.00	1531.00	1419.00	997.50	703.00
58.0	1693.00	1513.50	1300.00	906.00	600.00
58.5	1666.00	1485.50	1203.00	838.00	491.95
59.0	1639.00	1441.50	1143.50	765.50	411.60
59.5	1607.00	1388.50	1112.50	665.00	331.05
60.0	1580.50	1338.50	1098.00	568.00	259.95
60.5	1553.00	1287.00	1086.00	461.35	209.10
61.0	1523.50	1241.50	1088.00	376.75	174.65
61.5	1493.50	1216.00	1093.50	299.60	151.20
62.0	1462.00	1208.50	1069.00	233.05	136.20
62.5	1436.00	1225.50	1007.50	185.10	124.50
63.0	1404.50	1260.50	939.00	151.20	114.70
63.5	1375.50	1293.50	854.00	129.80	107.60
64.0	1344.50	1305.50	754.00	115.95	102.75
64.5	1314.00	1294.00	677.50	105.50	98.75
65.0	1282.50	1255.50	614.00	97.55	95.55
65.5	1249.50	1195.50	532.50	91.70	92.65
66.0	1218.50	1120.00	442.85	87.65	89.75
66.5	1190.00	1049.00	349.50	84.20	87.00
67.0	1158.50	990.50	272.95	81.40	84.30
67.5	1125.00	948.00	209.70	78.85	81.75
68.0	1094.50	920.50	162.15	76.55	79.00
68.5	1064.00	904.50	123.70	74.15	76.15
69.0	1032.00	901.50	98.85	71.75	72.90
69.5	1000.00	894.00	84.55	69.30	69.20
70.0	969.50	853.50	76.20	67.00	65.45
70.5	937.00	767.00	69.35	64.45	61.85
71.0	907.00	668.00	64.10	61.65	58.55
71.5	873.50	584.50	60.60	58.75	55.85
72.0	843.00	542.00	57.55	55.95	53.55
72.5	811.50	525.50	55.25	53.45	51.60
73.0	780.50	523.50	53.10	51.30	49.65
73.5	749.00	521.00	51.00	49.40	47.60
74.0	717.50	468.90	48.80	47.65	45.30
74.5	686.00	407.35	46.60	45.80	42.80
75.0	654.00	355.50	44.55	43.70	40.35
75.5	624.50	317.85	42.55	41.35	37.95
76.0	594.00	253.55	40.65	38.95	35.80
76.5	564.50	186.05	38.80	36.60	33.35
77.0	534.50	130.75	37.15	34.45	30.35
77.5	504.50	94.35	35.70	32.25	26.80
78.0	474.00	71.50	34.15	29.45	23.90
78.5	444.75	53.30	32.45	26.25	22.00
79.0	415.30	41.85	30.85	23.65	20.75
79.5	386.60	36.25	29.20	22.10	19.70
80.0	358.35	32.85	27.55	21.00	18.35
80.5	330.75	30.80	25.55	19.90	16.05
81.0	303.95	29.05	23.15	18.30	12.80
81.5	278.35	27.40	21.15	15.80	10.75
82.0	253.40	25.85	19.85	13.40	10.00
82.5	229.50	24.40	18.90	12.40	9.55

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**CANDELA TABULATION - (Cont.)**

<b>83.0</b>	206.05	23.10	17.65	11.70	9.05
<b>83.5</b>	183.50	21.90	15.70	11.20	8.50
<b>84.0</b>	161.60	20.60	14.40	10.70	7.95
<b>84.5</b>	140.70	19.30	13.70	10.25	7.40
<b>85.0</b>	121.10	18.00	13.00	9.90	6.85
<b>85.5</b>	102.95	16.75	12.50	9.50	6.20
<b>86.0</b>	85.85	15.45	12.10	9.05	5.55
<b>86.5</b>	70.35	14.15	11.75	8.60	4.85
<b>87.0</b>	55.55	13.25	11.25	7.95	4.05
<b>87.5</b>	39.60	12.20	10.70	7.40	3.55
<b>88.0</b>	24.25	11.15	10.10	7.00	3.15
<b>88.5</b>	14.20	10.25	9.65	6.65	2.80
<b>89.0</b>	10.95	9.45	9.20	6.35	2.50
<b>89.5</b>	6.65	8.75	8.80	6.15	2.20
<b>90.0</b>	2.55	8.10	8.55	5.95	2.05
<b>90.5</b>	1.45	7.65	8.25	5.80	1.90
<b>91.0</b>	1.45	7.40	8.05	5.50	1.50
<b>91.5</b>	1.25	7.15	7.85	5.35	1.45
<b>92.0</b>	1.10	6.90	7.75	5.30	1.50
<b>92.5</b>	1.05	6.70	7.65	5.30	1.55
<b>93.0</b>	0.95	6.45	7.50	5.30	1.60
<b>93.5</b>	0.85	6.25	7.40	5.25	1.65
<b>94.0</b>	0.85	6.00	7.25	5.25	1.70
<b>94.5</b>	0.75	5.85	7.15	5.20	1.80
<b>95.0</b>	0.70	5.65	7.05	5.20	1.85
<b>95.5</b>	0.65	5.50	6.95	5.15	1.90
<b>96.0</b>	0.65	5.35	6.90	5.15	1.95
<b>96.5</b>	0.60	5.25	6.80	5.10	2.05
<b>97.0</b>	0.60	5.10	6.70	5.10	2.10
<b>97.5</b>	0.65	5.00	6.65	5.05	2.20
<b>98.0</b>	0.70	4.85	6.55	5.05	2.25
<b>98.5</b>	0.70	4.75	6.45	5.00	2.30
<b>99.0</b>	0.70	4.70	6.40	5.00	2.40
<b>99.5</b>	0.65	4.55	6.30	4.95	2.50
<b>100.0</b>	0.70	4.50	6.25	5.00	2.55
<b>100.5</b>	0.60	4.40	6.15	4.95	2.65
<b>101.0</b>	0.55	4.35	6.10	4.95	2.75
<b>101.5</b>	0.55	4.25	6.05	4.95	2.80
<b>102.0</b>	0.60	4.20	6.00	4.90	2.90
<b>102.5</b>	0.65	4.10	5.95	4.90	2.95
<b>103.0</b>	0.70	4.05	5.90	4.90	3.00
<b>103.5</b>	0.75	4.00	5.80	4.85	3.10
<b>104.0</b>	0.75	4.00	5.75	4.85	3.15
<b>104.5</b>	0.80	3.95	5.75	4.85	3.25
<b>105.0</b>	0.80	3.90	5.70	4.80	3.30
<b>105.5</b>	0.80	3.85	5.65	4.80	3.35
<b>106.0</b>	0.80	3.80	5.60	4.75	3.40
<b>106.5</b>	0.85	3.80	5.55	4.70	3.45
<b>107.0</b>	0.85	3.75	5.50	4.70	3.50
<b>107.5</b>	0.90	3.70	5.45	4.65	3.55
<b>108.0</b>	0.90	3.65	5.40	4.65	3.55
<b>108.5</b>	0.95	3.60	5.35	4.60	3.60
<b>109.0</b>	0.95	3.55	5.30	4.55	3.65
<b>109.5</b>	1.00	3.55	5.30	4.55	3.70
<b>110.0</b>	1.05	3.50	5.25	4.50	3.70
<b>110.5</b>	1.10	3.50	5.20	4.50	3.75

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**CANDELA TABULATION - (Cont.)**

111.0	1.10	3.45	5.10	4.45	3.75
111.5	1.15	3.40	5.05	4.45	3.80
112.0	1.10	3.35	5.00	4.35	3.85
112.5	1.15	3.25	4.95	4.35	3.85
113.0	1.20	3.05	4.95	4.30	3.90
113.5	1.25	2.85	4.90	4.25	3.90
114.0	1.25	2.80	4.85	4.25	3.95
114.5	1.30	3.00	4.80	4.20	4.00
115.0	1.40	3.15	4.75	4.20	4.00
115.5	1.40	3.10	4.70	4.20	4.00
116.0	1.40	3.10	4.65	4.15	4.05
116.5	1.35	3.05	4.55	4.15	4.05
117.0	1.35	3.00	4.50	4.15	4.10
117.5	1.40	3.00	4.45	4.15	4.15
118.0	1.45	3.00	4.40	4.10	4.15
118.5	1.50	3.00	4.35	4.10	4.20
119.0	1.60	3.00	4.35	4.10	4.25
119.5	1.60	3.00	4.30	4.10	4.25
120.0	1.65	3.00	4.25	4.05	4.30
120.5	1.75	3.00	4.25	4.10	4.35
121.0	1.85	2.90	4.25	4.05	4.35
121.5	1.90	2.85	4.20	4.10	4.45
122.0	1.95	3.05	4.20	4.10	4.45
122.5	2.00	3.05	4.20	4.10	4.50
123.0	2.10	2.85	4.20	4.10	4.55
123.5	2.15	2.75	4.20	4.10	4.55
124.0	2.25	2.70	4.20	4.10	4.60
124.5	2.35	2.80	4.15	4.10	4.60
125.0	2.40	2.80	4.15	4.10	4.65
125.5	2.45	2.85	4.15	4.15	4.70
126.0	2.55	2.90	4.15	4.15	4.70
126.5	2.60	2.95	4.15	4.15	4.75
127.0	2.70	3.00	4.20	4.15	4.75
127.5	2.75	3.05	4.20	4.20	4.80
128.0	2.85	3.15	4.25	4.20	4.80
128.5	2.95	3.20	4.25	4.20	4.85
129.0	3.05	3.25	4.30	4.25	4.85
129.5	3.10	3.30	4.25	4.25	4.90
130.0	3.15	3.40	4.05	4.25	4.95
130.5	3.25	3.45	4.00	4.30	4.95
131.0	3.35	3.50	3.95	4.30	5.00
131.5	3.40	3.60	3.75	4.35	5.05
132.0	3.50	3.65	3.75	4.35	5.05
132.5	3.60	3.75	3.80	4.40	5.10
133.0	3.65	3.80	3.90	4.45	5.15
133.5	3.75	3.90	3.95	4.50	5.15
134.0	3.85	3.95	4.05	4.55	5.20
134.5	3.90	4.05	4.10	4.60	5.25
135.0	4.00	4.10	4.20	4.65	5.30
135.5	4.10	4.20	4.25	4.70	5.35
136.0	4.20	4.25	4.35	4.75	5.35
136.5	4.25	4.30	4.40	4.85	5.40
137.0	4.40	4.40	4.50	4.90	5.45
137.5	4.45	4.50	4.55	4.95	5.50
138.0	4.55	4.60	4.65	5.05	5.55
138.5	4.65	4.65	4.75	5.15	5.60

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

**CANDELA TABULATION - (Cont.)**

139.0	4.75	4.75	4.80	5.20	5.65
139.5	4.90	4.85	4.90	5.30	5.70
140.0	5.00	4.90	5.00	5.40	5.80
140.5	5.00	5.05	5.00	5.50	5.75
141.0	5.10	4.95	5.00	5.45	5.80
141.5	5.20	5.05	5.10	5.55	5.90
142.0	5.40	5.20	5.15	5.65	5.95
142.5	5.50	5.25	5.20	5.70	6.05
143.0	5.55	5.35	5.30	5.75	6.05
143.5	5.60	5.45	5.35	5.75	6.15
144.0	5.65	5.50	5.40	5.65	6.15
144.5	5.65	5.55	5.40	5.70	6.20
145.0	5.70	5.60	5.45	5.75	6.25
145.5	5.80	5.65	5.50	5.70	6.30
146.0	5.80	5.70	5.55	5.65	6.30
146.5	5.85	5.75	5.55	5.65	6.25
147.0	5.95	5.75	5.60	5.70	6.25
147.5	5.95	5.80	5.60	5.75	6.25
148.0	6.00	5.80	5.70	5.80	6.25
148.5	6.05	5.85	5.70	5.85	6.25
149.0	6.10	5.90	5.75	5.95	6.25
149.5	6.10	5.95	5.80	6.00	6.30
150.0	6.15	6.00	5.85	6.05	6.35
150.5	6.20	6.05	5.90	6.10	6.40
151.0	6.20	6.10	6.10	6.15	6.45
151.5	6.25	6.15	6.15	6.20	6.50
152.0	6.30	6.20	6.20	6.25	6.50
152.5	6.35	6.30	6.35	6.35	6.60
153.0	6.45	6.35	6.45	6.40	6.65
153.5	6.50	6.40	6.50	6.45	6.70
154.0	6.60	6.50	6.55	6.55	6.75
154.5	6.70	6.55	6.65	6.60	6.80
155.0	6.75	6.65	6.70	6.65	6.85
155.5	6.85	6.70	6.75	6.70	6.90
156.0	6.90	6.75	6.80	6.75	6.95
156.5	7.00	6.85	6.90	6.80	7.00
157.0	7.05	6.90	6.95	6.85	7.00
157.5	7.15	7.00	7.00	6.90	7.00
158.0	7.20	7.05	7.05	6.90	7.00
158.5	7.25	7.10	7.10	6.95	7.00
159.0	7.30	7.15	7.10	6.95	7.05
159.5	7.40	7.20	7.15	7.00	7.00
160.0	7.45	7.30	7.15	7.00	7.05
160.5	7.50	7.30	7.20	7.00	7.00
161.0	7.55	7.40	7.25	7.05	7.00
161.5	7.65	7.45	7.30	7.05	7.00
162.0	7.70	7.50	7.30	7.10	7.00
162.5	7.75	7.55	7.35	7.10	7.05
163.0	7.80	7.60	7.40	7.15	7.05
163.5	7.85	7.65	7.45	7.15	7.05
164.0	7.90	7.70	7.50	7.20	7.10
164.5	7.90	7.75	7.55	7.25	7.15
165.0	7.95	7.80	7.55	7.30	7.15
165.5	8.00	7.85	7.60	7.30	7.20
166.0	8.00	7.85	7.65	7.40	7.25
166.5	8.05	7.90	7.70	7.45	7.35

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

**CANDELA TABULATION - (Cont.)**

<b>167.0</b>	8.05	7.95	7.75	7.50	7.35
<b>167.5</b>	8.10	7.95	7.75	7.55	7.45
<b>168.0</b>	8.05	7.95	7.80	7.60	7.50
<b>168.5</b>	8.10	8.00	7.80	7.65	7.55
<b>169.0</b>	8.10	8.00	7.80	7.70	7.60
<b>169.5</b>	8.10	8.00	7.85	7.75	7.65
<b>170.0</b>	8.10	8.00	7.90	7.80	7.70
<b>170.5</b>	8.10	8.05	7.90	7.85	7.75
<b>171.0</b>	8.10	8.05	7.95	7.90	7.80
<b>171.5</b>	8.15	8.05	8.00	7.95	7.85
<b>172.0</b>	8.10	8.05	8.00	7.95	7.95
<b>172.5</b>	8.10	8.05	8.00	8.00	7.95
<b>173.0</b>	8.10	8.05	8.05	8.00	8.05
<b>173.5</b>	8.10	8.05	8.05	8.05	8.05
<b>174.0</b>	8.10	8.10	8.10	8.10	8.10
<b>174.5</b>	8.10	8.10	8.10	8.10	8.15
<b>175.0</b>	8.15	8.15	8.15	8.15	8.20
<b>175.5</b>	8.15	8.15	8.15	8.20	8.30
<b>176.0</b>	8.20	8.15	8.20	8.20	8.30
<b>176.5</b>	8.20	8.20	8.20	8.20	8.40
<b>177.0</b>	8.20	8.20	8.25	8.25	8.40
<b>177.5</b>	8.25	8.20	8.25	8.30	8.40
<b>178.0</b>	8.25	8.20	8.25	8.35	8.45
<b>178.5</b>	8.25	8.25	8.30	8.35	8.45
<b>179.0</b>	8.25	8.25	8.30	8.35	8.50
<b>179.5</b>	8.25	8.30	8.30	8.35	8.50
<b>180.0</b>	8.35	8.35	8.35	8.35	8.35



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

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	1436.38	N.A.	16.90
0-30	2905.65	N.A.	34.10
0-40	4595.65	N.A.	54.00
0-60	7602.53	N.A.	89.30
0-80	8447.49	N.A.	99.30
0-90	8479.54	N.A.	99.70
10-90	8138.3	N.A.	95.60
20-40	3159.27	N.A.	37.10
20-50	4857.71	N.A.	57.10
40-70	3644.71	N.A.	42.80
60-80	844.96	N.A.	9.90
70-80	207.13	N.A.	2.40
80-90	32.06	N.A.	0.40
90-110	9.70	N.A.	0.10
90-120	13.36	N.A.	0.20
90-130	16.69	N.A.	0.20
90-150	23.65	N.A.	0.30
90-180	29.61	N.A.	0.30
110-180	19.91	N.A.	0.20
0-180	8509.15	N.A.	100.00

Total Luminaire Efficiency = N.A.%

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	341.24
10-20	1095.14
20-30	1469.27
30-40	1690.01
40-50	1698.44
50-60	1308.44
60-70	637.83
70-80	207.13
80-90	32.06
90-100	5.36
100-110	4.34
110-120	3.66
120-130	3.33
130-140	3.42
140-150	3.53
150-160	3.07
160-170	2.13
170-180	0.77

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : HIGH-2-835-U10-SM-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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	111	107	103	100	108	104	101	98	100	97	95	96	94	92	93	91	89	87
2	102	95	89	84	99	93	88	83	89	85	81	86	82	79	83	80	77	75
3	94	85	77	72	91	83	76	71	80	74	70	77	73	68	75	71	67	65
4	87	76	68	62	84	74	67	61	72	66	60	70	64	60	68	63	59	57
5	80	68	60	54	78	67	59	54	65	58	53	63	57	52	61	56	52	50
6	74	62	54	48	72	61	53	47	59	52	47	57	51	47	56	50	46	44
7	69	56	48	42	67	56	48	42	54	47	42	53	46	42	51	46	41	39
8	64	52	44	38	63	51	43	38	50	43	38	48	42	38	47	42	37	35
9	60	48	40	34	59	47	39	34	46	39	34	45	38	34	44	38	34	32
10	57	44	36	31	55	43	36	31	42	36	31	42	35	31	41	35	31	29

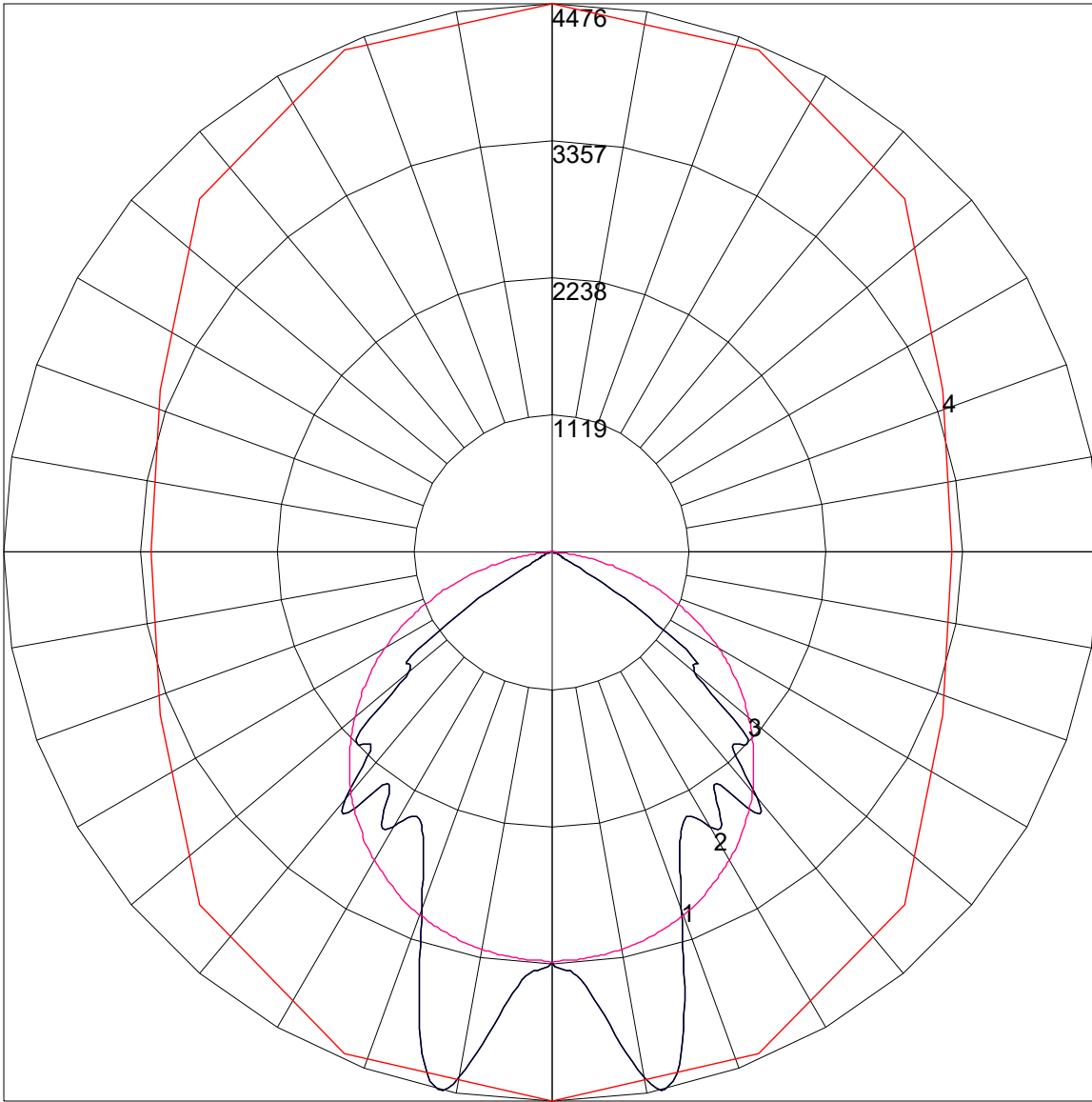
**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : HIGH-2-835-U10-SM-N.IES**

**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	26.1	27.6	26.5	27.9	28.3	23.2	24.7	23.6	25.1	25.4
	3H	27.7	29.0	28.1	29.3	29.7	23.2	24.5	23.6	24.8	25.2
	4H	28.1	29.3	28.5	29.7	30.1	23.1	24.3	23.5	24.7	25.1
	6H	28.2	29.4	28.7	29.7	30.2	23.1	24.2	23.5	24.6	25.0
	8H	28.3	29.3	28.7	29.7	30.2	23.0	24.1	23.5	24.5	24.9
	12H	28.2	29.3	28.7	29.7	30.1	23.0	24.0	23.4	24.4	24.9
4H	2H	26.2	27.4	26.6	27.8	28.2	23.6	24.9	24.0	25.2	25.6
	3H	27.8	28.8	28.2	29.2	29.7	23.6	24.6	24.0	25.0	25.4
	4H	28.2	29.1	28.7	29.6	30.0	23.5	24.4	24.0	24.8	25.3
	6H	28.4	29.2	28.9	29.6	30.1	23.5	24.2	23.9	24.7	25.2
	8H	28.4	29.1	28.9	29.6	30.1	23.4	24.1	23.9	24.6	25.1
	12H	28.4	29.1	28.9	29.6	30.1	23.4	24.0	23.9	24.5	25.0
8H	4H	28.1	28.8	28.6	29.3	29.8	23.5	24.2	24.0	24.7	25.2
	6H	28.3	28.9	28.8	29.4	29.9	23.5	24.0	24.0	24.5	25.1
	8H	28.3	28.8	28.8	29.4	29.9	23.4	23.9	23.9	24.5	25.0
	12H	28.3	28.8	28.8	29.3	29.9	23.4	23.8	23.9	24.3	24.9
12H	4H	28.1	28.7	28.6	29.2	29.7	23.5	24.1	24.0	24.6	25.1
	6H	28.2	28.8	28.8	29.2	29.8	23.4	23.9	24.0	24.4	25.0
	8H	28.3	28.7	28.8	29.2	29.8	23.4	23.8	23.9	24.3	24.9

Maximum UGR = 30.2

POLAR GRAPH



Maximum Candela = 4475.5 Located At Horizontal Angle = 90, Vertical Angle = 12  
# 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 (12) (Through Max. Cd.)