



IES INDOOR REPORT
PHOTOMETRIC FILENAME : BRITE-8-835-U10-XX-CA.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] LLIA001669-018_modified to 8ft length_modified to BRITE output
 [TESTLAB] LightLab International Allentown, LLC
 [ISSUEDATE] 4/5/2022
 [MANUFAC] Lux Dynamics
 [LUMCAT] BRITE-8-835-U10-SM-CA
 [LUMINAIRE] BRITE Line LED Fixture, 8' Length, 80 CRI,
 [MORE] 3500K CCT, Clear Acrylic Lens
 [LAMP] -
 [BALLAST] -
 [OTHER] -

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	34821
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	147
Total Luminaire Watts	236.72
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.22
Spacing Criterion (90-270)	1.34
Spacing Criterion (Diagonal)	1.42
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	7.58 ft
Luminous Width (90-270)	0.21 ft
Luminous Height	0.06 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	53463	55354	54007
55	44120	51468	61357
65	35456	53658	58051
75	23371	48759	48484
85	10179	41410	30974

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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	10025.948	10025.948	10025.948	10025.948	10025.948
0.5	10045.898	10045.898	10048.747	10054.447	10057.297
1.0	10048.747	10051.597	10062.997	10068.697	10074.397
1.5	10034.498	10043.048	10048.747	10054.447	10062.997
2.0	10028.798	10043.048	10040.198	10062.997	10082.946
2.5	10025.948	10043.048	10043.048	10085.796	10102.896
3.0	10017.399	10028.798	10054.447	10091.496	10111.445
3.5	10005.999	10008.849	10060.147	10091.496	10122.845
4.0	9994.599	9994.599	10054.447	10119.995	10185.543
4.5	9977.500	9988.900	10051.597	10185.543	10248.240
5.0	9960.401	9986.050	10048.747	10231.141	10276.739
5.5	9949.001	9991.749	10085.796	10239.691	10288.139
6.0	9940.451	9988.900	10128.545	10245.391	10330.888
6.5	9931.902	9980.350	10145.644	10285.289	10413.535
7.0	9923.352	9966.100	10145.644	10365.086	10479.082
7.5	9909.102	9946.151	10148.494	10424.934	10493.332
8.0	9897.703	9929.052	10151.344	10444.884	10442.034
8.5	9883.453	9909.102	10182.693	10407.835	10356.537
9.0	9869.204	9892.003	10236.841	10333.737	10282.439
9.5	9854.954	9889.153	10279.589	10262.490	10222.591
10.0	9837.855	9892.003	10302.389	10199.792	10182.693
10.5	9820.755	9906.252	10296.689	10145.644	10139.944
11.0	9806.506	9909.102	10259.640	10102.896	10114.295
11.5	9783.707	9906.252	10199.792	10065.847	10071.547
12.0	9766.607	9892.003	10131.395	10031.648	10031.648
12.5	9749.508	9869.204	10071.547	9991.749	9994.599
13.0	9726.709	9843.555	10020.248	9951.851	9954.701
13.5	9703.910	9823.605	9966.100	9911.952	9926.202
14.0	9678.260	9806.506	9920.502	9866.354	9906.252
14.5	9652.611	9795.106	9872.054	9835.005	9929.052
15.0	9626.962	9789.407	9820.755	9806.506	9997.449
15.5	9601.313	9786.557	9778.007	9806.506	10057.297
16.0	9572.814	9783.707	9726.709	9852.104	10119.995
16.5	9541.465	9778.007	9681.110	9906.252	10122.845
17.0	9512.966	9763.757	9632.662	9960.401	10045.898
17.5	9475.918	9740.958	9572.814	9997.449	9906.252
18.0	9438.869	9709.609	9521.516	9968.950	9769.457
18.5	9404.670	9666.861	9475.918	9874.904	9706.759
19.0	9370.471	9621.262	9433.169	9735.258	9646.912
19.5	9333.423	9572.814	9387.571	9618.413	9601.313
20.0	9293.524	9524.366	9359.072	9544.315	9552.865
20.5	9253.625	9475.918	9356.222	9484.467	9530.066
21.0	9213.727	9427.469	9370.471	9433.169	9538.615
21.5	9173.828	9373.321	9398.970	9396.120	9569.964
22.0	9128.230	9319.173	9427.469	9359.072	9604.163
22.5	9085.481	9259.325	9444.569	9350.522	9661.161
23.0	9037.033	9202.327	9418.920	9359.072	9743.808
23.5	8985.735	9136.779	9333.423	9379.021	9792.256
24.0	8937.286	9074.082	9227.976	9410.370	9760.908
24.5	8885.988	9002.834	9119.680	9484.467	9758.058
25.0	8831.840	8940.136	9011.384	9541.465	9749.508
25.5	8774.842	8868.889	8914.487	9532.916	9743.808
26.0	8714.994	8803.341	8837.540	9518.666	9735.258
26.5	8655.146	8737.793	8757.743	9510.116	9683.960

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CANDELA TABULATION - (Cont.)

27.0	8589.599	8666.546	8703.595	9484.467	9649.761
27.5	8526.901	8592.449	8660.846	9458.818	9604.163
28.0	8461.353	8515.501	8618.098	9424.619	9527.216
28.5	8390.106	8435.704	8581.049	9384.721	9495.867
29.0	8321.708	8353.057	8544.000	9347.672	9495.867
29.5	8250.461	8270.410	8509.801	9310.623	9467.368
30.0	8173.513	8184.913	8487.002	9239.376	9404.670
30.5	8102.266	8105.116	8495.552	9208.027	9356.222
31.0	8025.318	8019.619	8518.351	9202.327	9327.723
31.5	7954.071	7939.821	8515.501	9168.128	9265.025
32.0	7882.823	7860.024	8501.252	9113.980	9162.429
32.5	7805.876	7780.227	8487.002	9074.082	9056.982
33.0	7731.779	7706.130	8469.903	9039.883	8894.538
33.5	7660.531	7634.882	8438.554	8985.735	8749.193
34.0	7589.284	7569.334	8387.256	8914.487	8703.595
34.5	7509.487	7512.336	8313.158	8820.441	8695.045
35.0	7435.389	7463.888	8224.811	8692.195	8669.396
35.5	7355.592	7423.990	8145.014	8541.150	8652.296
36.0	7275.795	7378.391	8079.467	8444.254	8623.797
36.5	7193.148	7329.943	8028.168	8404.355	8552.550
37.0	7107.651	7275.795	7976.870	8358.757	8444.254
37.5	7019.304	7218.797	7936.972	8321.708	8335.958
38.0	6928.107	7156.099	7902.773	8298.909	8230.511
38.5	6839.760	7096.251	7862.874	8270.410	8164.964
39.0	6742.863	7030.703	7814.426	8204.862	8130.765
39.5	6648.817	6965.156	7763.128	8119.365	8068.067
40.0	6554.770	6891.058	7717.529	8019.619	7971.170
40.5	6460.723	6819.811	7671.931	7931.272	7871.424
41.0	6366.677	6745.713	7617.783	7865.724	7805.876
41.5	6272.630	6665.916	7555.085	7820.126	7748.878
42.0	6178.583	6586.119	7500.937	7763.128	7697.580
42.5	6078.837	6500.622	7426.839	7680.481	7629.182
43.0	5984.790	6415.125	7338.493	7580.734	7552.235
43.5	5890.743	6323.928	7244.446	7500.937	7478.138
44.0	5793.847	6232.731	7161.799	7426.839	7429.689
44.5	5691.250	6144.384	7084.851	7355.592	7375.541
45.0	5591.504	6058.887	7005.054	7270.095	7298.594
45.5	5491.757	5981.940	6936.657	7187.448	7187.448
46.0	5389.161	5904.993	6871.109	7124.750	7110.501
46.5	5289.414	5828.046	6811.261	7076.302	7107.651
47.0	5189.668	5745.398	6745.713	7027.853	7130.450
47.5	5092.771	5662.751	6685.865	6959.456	7107.651
48.0	4993.025	5577.254	6628.867	6868.259	7101.951
48.5	4898.978	5494.607	6571.869	6788.462	7121.900
49.0	4802.082	5409.110	6497.772	6748.563	7139.000
49.5	4710.885	5329.313	6423.675	6742.863	7156.099
50.0	4619.688	5246.666	6349.577	6731.464	7215.947
50.5	4525.641	5161.169	6272.630	6714.364	7307.144
51.0	4437.294	5075.672	6207.082	6720.064	7389.791
51.5	4346.098	4993.025	6138.685	6754.263	7489.537
52.0	4257.751	4913.228	6070.287	6794.162	7583.584
52.5	4172.254	4833.430	6007.589	6834.060	7663.381
53.0	4089.607	4756.483	5947.741	6893.908	7703.280
53.5	4001.260	4676.686	5882.194	6959.456	7669.081
54.0	3918.613	4596.889	5810.946	7019.304	7603.533
54.5	3838.815	4522.791	5745.398	7056.352	7506.637

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55.0	3756.168	4448.694	5691.250	7073.452	7395.491
55.5	3679.221	4377.446	5642.802	7076.302	7307.144
56.0	3599.424	4309.049	5594.354	7036.403	7238.746
56.5	3522.476	4240.651	5545.905	6959.456	7170.348
57.0	3445.529	4166.554	5497.457	6862.559	7104.801
57.5	3368.582	4095.306	5463.258	6768.513	7042.103
58.0	3294.484	4018.359	5440.459	6671.616	6993.655
58.5	3217.537	3938.562	5434.759	6586.119	6939.507
59.0	3143.440	3861.615	5440.459	6506.322	6871.109
59.5	3066.492	3781.817	5449.009	6435.074	6785.612
60.0	2992.395	3702.020	5451.859	6372.376	6697.265
60.5	2915.448	3619.373	5446.159	6315.378	6634.567
61.0	2841.350	3539.576	5440.459	6269.780	6571.869
61.5	2764.403	3456.929	5429.060	6224.182	6486.372
62.0	2690.306	3377.132	5394.861	6161.484	6412.275
62.5	2613.358	3294.484	5340.713	6093.086	6341.028
63.0	2536.411	3211.837	5272.315	6027.539	6266.930
63.5	2465.164	3134.890	5186.818	5981.940	6195.683
64.0	2388.216	3055.093	5089.921	5936.342	6115.885
64.5	2314.119	2975.296	4995.875	5867.944	6027.539
65.0	2237.172	2898.348	4896.128	5785.297	5936.342
65.5	2163.074	2824.251	4804.931	5699.800	5850.845
66.0	2088.977	2750.154	4710.885	5608.603	5739.699
66.5	2014.879	2681.756	4631.088	5506.007	5617.153
67.0	1940.782	2610.508	4556.990	5403.410	5506.007
67.5	1869.534	2544.961	4491.442	5306.514	5409.110
68.0	1798.287	2482.263	4431.595	5206.767	5320.763
68.5	1727.039	2419.565	4374.597	5109.871	5243.816
69.0	1655.792	2362.567	4320.448	5012.974	5152.619
69.5	1587.394	2308.419	4263.450	4916.078	5055.723
70.0	1518.997	2257.121	4203.603	4816.331	4970.226
70.5	1453.449	2202.973	4135.205	4713.735	4887.579
71.0	1387.901	2154.524	4066.807	4622.538	4799.232
71.5	1322.354	2100.376	3992.710	4545.591	4716.585
72.0	1259.656	2049.078	3912.913	4474.343	4633.937
72.5	1199.808	1994.930	3830.266	4397.396	4551.290
73.0	1139.960	1940.782	3741.919	4309.049	4448.694
73.5	1080.112	1886.634	3650.722	4229.252	4334.698
74.0	1023.114	1829.636	3556.675	4152.304	4206.452
74.5	968.966	1775.488	3465.478	4075.357	4072.507
75.0	914.818	1718.490	3371.432	3992.710	3921.462
75.5	860.670	1658.642	3280.235	3910.063	3784.667
76.0	809.372	1598.794	3189.038	3818.866	3647.872
76.5	760.923	1538.946	3103.541	3727.669	3502.527
77.0	712.475	1481.948	3023.744	3633.623	3365.732
77.5	666.877	1422.100	2941.097	3531.026	3220.387
78.0	621.278	1365.102	2861.300	3419.880	3080.742
78.5	578.530	1308.104	2781.502	3303.034	2943.947
79.0	535.781	1251.106	2704.555	3191.888	2815.701
79.5	495.883	1196.958	2630.458	3077.892	2696.005
80.0	455.984	1142.810	2556.360	2969.596	2587.709
80.5	418.935	1091.512	2482.263	2858.450	2485.113
81.0	381.887	1040.214	2411.015	2755.853	2391.066
81.5	347.688	991.765	2339.768	2658.957	2297.019
82.0	313.489	943.317	2268.520	2556.360	2205.823
82.5	282.140	897.719	2197.273	2456.614	2123.176

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CANDELA TABULATION - (Cont.)

83.0	250.791	852.120	2126.025	2356.867	2043.378
83.5	222.292	809.372	2060.478	2262.821	1969.281
84.0	193.793	766.623	1992.080	2165.924	1895.184
84.5	168.144	723.875	1926.532	2077.577	1829.636
85.0	142.495	683.976	1860.985	1986.380	1766.938
85.5	119.696	646.927	1801.137	1903.733	1709.940
86.0	99.747	612.729	1738.439	1826.786	1650.092
86.5	79.797	578.530	1678.591	1752.689	1590.244
87.0	62.698	547.181	1618.743	1684.291	1536.096
87.5	45.598	518.682	1561.745	1621.593	1481.948
88.0	34.199	493.033	1504.747	1561.745	1430.650
88.5	22.799	467.384	1450.599	1507.597	1382.202
89.0	17.099	447.434	1402.151	1456.299	1333.753
89.5	8.550	430.335	1353.703	1407.851	1282.455
90.0	0.000	413.236	1308.104	1362.252	1236.857
90.5	0.000	401.836	1268.206	1316.654	1191.258
91.0	0.000	390.436	1228.307	1273.905	1148.510
91.5	0.000	379.037	1191.258	1234.007	1111.461
92.0	2.850	367.637	1157.059	1194.108	1074.412
92.5	2.850	359.087	1122.861	1159.909	1037.364
93.0	2.850	350.538	1085.812	1122.861	1003.165
93.5	2.850	344.838	1054.463	1091.512	971.816
94.0	5.700	339.138	1020.264	1057.313	943.317
94.5	5.700	333.438	991.765	1028.814	911.968
95.0	8.550	327.739	960.416	1000.315	886.319
95.5	8.550	324.889	931.917	971.816	860.670
96.0	11.400	319.189	906.268	946.167	835.021
96.5	11.400	316.339	877.769	920.518	812.222
97.0	14.250	313.489	852.120	894.869	789.422
97.5	14.250	310.639	829.321	869.220	769.473
98.0	17.099	310.639	803.672	849.270	749.524
98.5	19.949	310.639	780.873	826.471	729.574
99.0	19.949	310.639	760.923	806.522	709.625
99.5	22.799	310.639	740.974	789.422	692.526
100.0	25.649	310.639	721.025	769.473	678.276
100.5	28.499	313.489	703.925	749.524	664.027
101.0	31.349	313.489	683.976	732.424	649.777
101.5	31.349	319.189	669.727	715.325	638.378
102.0	34.199	322.039	652.627	698.226	624.128
102.5	37.049	327.739	638.378	683.976	612.729
103.0	39.899	330.588	624.128	669.727	601.329
103.5	42.749	333.438	609.879	655.477	592.779
104.0	45.598	336.288	598.479	641.228	581.380
104.5	48.448	339.138	587.079	626.978	572.830
105.0	51.298	341.988	575.680	612.729	564.280
105.5	54.148	344.838	567.130	598.479	558.580
106.0	56.998	347.688	558.580	587.079	550.031
106.5	59.848	350.538	552.881	575.680	544.331
107.0	62.698	353.388	547.181	564.280	535.781
107.5	65.548	353.388	541.481	552.881	530.081
108.0	68.398	356.238	538.631	547.181	521.532
108.5	71.248	356.238	535.781	538.631	515.832
109.0	74.097	356.238	532.931	530.081	510.132
109.5	76.947	356.238	530.081	524.382	504.432
110.0	79.797	356.238	532.931	518.682	501.582
110.5	82.647	356.238	532.931	512.982	495.883

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CANDELA TABULATION - (Cont.)

111.0	85.497	356.238	538.631	507.282	490.183
111.5	88.347	356.238	541.481	504.432	487.333
112.0	91.197	356.238	547.181	498.733	484.483
112.5	94.047	356.238	550.031	495.883	478.783
113.0	96.897	356.238	552.881	495.883	475.933
113.5	96.897	356.238	558.580	493.033	473.083
114.0	99.747	356.238	561.430	493.033	470.234
114.5	102.596	356.238	564.280	495.883	467.384
115.0	105.446	356.238	567.130	495.883	464.534
115.5	108.296	356.238	569.980	498.733	464.534
116.0	108.296	356.238	572.830	501.582	464.534
116.5	111.146	356.238	572.830	504.432	467.384
117.0	113.996	356.238	575.680	507.282	467.384
117.5	116.846	356.238	575.680	510.132	470.234
118.0	119.696	356.238	572.830	515.832	473.083
118.5	119.696	356.238	572.830	518.682	475.933
119.0	122.546	353.388	569.980	524.382	481.633
119.5	125.396	353.388	567.130	530.081	484.483
120.0	125.396	353.388	561.430	532.931	490.183
120.5	128.246	350.538	558.580	538.631	495.883
121.0	128.246	350.538	552.881	541.481	501.582
121.5	131.095	350.538	544.331	544.331	507.282
122.0	131.095	347.688	538.631	550.031	512.982
122.5	133.945	344.838	530.081	550.031	515.832
123.0	133.945	344.838	524.382	552.881	521.532
123.5	136.795	341.988	515.832	555.731	524.382
124.0	136.795	341.988	507.282	558.580	527.232
124.5	139.645	339.138	501.582	558.580	530.081
125.0	139.645	336.288	493.033	558.580	530.081
125.5	139.645	336.288	487.333	555.731	532.931
126.0	142.495	333.438	478.783	552.881	532.931
126.5	142.495	330.588	473.083	550.031	532.931
127.0	142.495	327.739	467.384	544.331	532.931
127.5	145.345	324.889	461.684	538.631	530.081
128.0	145.345	322.039	455.984	530.081	527.232
128.5	145.345	319.189	450.284	524.382	521.532
129.0	145.345	316.339	447.434	515.832	515.832
129.5	145.345	313.489	441.735	507.282	510.132
130.0	148.195	310.639	436.035	498.733	504.432
130.5	148.195	307.789	430.335	490.183	495.883
131.0	148.195	304.939	427.485	481.633	490.183
131.5	148.195	299.240	421.785	473.083	484.483
132.0	148.195	296.390	416.085	464.534	475.933
132.5	148.195	293.540	410.386	458.834	467.384
133.0	148.195	290.690	404.686	450.284	458.834
133.5	145.345	287.840	401.836	444.584	453.134
134.0	145.345	284.990	396.136	436.035	447.434
134.5	145.345	279.290	390.436	430.335	438.885
135.0	145.345	276.440	384.737	421.785	433.185
135.5	145.345	273.590	379.037	416.085	427.485
136.0	145.345	267.891	373.337	410.386	418.935
136.5	145.345	265.041	370.487	404.686	413.236
137.0	142.495	259.341	364.787	398.986	407.536
137.5	142.495	256.491	359.087	393.286	401.836
138.0	139.645	250.791	353.388	387.586	396.136
138.5	139.645	245.091	350.538	381.887	390.436

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CANDELA TABULATION - (Cont.)

139.0	136.795	242.242	344.838	376.187	384.737
139.5	136.795	236.542	339.138	370.487	379.037
140.0	133.945	233.692	333.438	364.787	373.337
140.5	131.095	227.992	327.739	361.937	367.637
141.0	131.095	225.142	322.039	356.238	361.937
141.5	128.246	222.292	316.339	353.388	359.087
142.0	125.396	216.592	310.639	347.688	353.388
142.5	125.396	213.743	304.939	344.838	347.688
143.0	122.546	208.043	299.240	341.988	344.838
143.5	119.696	205.193	293.540	336.288	341.988
144.0	119.696	202.343	290.690	330.588	339.138
144.5	116.846	196.643	284.990	327.739	336.288
145.0	113.996	193.793	279.290	322.039	333.438
145.5	113.996	190.943	273.590	319.189	327.739
146.0	111.146	185.244	270.741	313.489	324.889
146.5	111.146	182.394	265.041	307.789	322.039
147.0	108.296	179.544	259.341	304.939	316.339
147.5	105.446	176.694	256.491	299.240	313.489
148.0	105.446	170.994	250.791	293.540	307.789
148.5	102.596	168.144	247.941	290.690	302.089
149.0	102.596	165.294	242.242	284.990	299.240
149.5	99.747	162.444	239.392	279.290	293.540
150.0	99.747	159.594	233.692	276.440	287.840
150.5	99.747	156.745	227.992	270.741	284.990
151.0	96.897	153.895	225.142	265.041	279.290
151.5	96.897	151.045	219.442	259.341	273.590
152.0	94.047	148.195	216.592	256.491	270.741
152.5	94.047	142.495	210.893	250.791	265.041
153.0	91.197	139.645	208.043	245.091	259.341
153.5	91.197	136.795	202.343	242.242	256.491
154.0	91.197	133.945	199.493	236.542	250.791
154.5	88.347	131.095	193.793	230.842	245.091
155.0	88.347	128.246	190.943	225.142	239.392
155.5	88.347	122.546	185.244	222.292	236.542
156.0	85.497	119.696	182.394	216.592	230.842
156.5	85.497	116.846	176.694	210.893	225.142
157.0	85.497	113.996	173.844	208.043	219.442
157.5	85.497	111.146	168.144	202.343	216.592
158.0	85.497	111.146	165.294	196.643	210.893
158.5	82.647	108.296	159.594	193.793	205.193
159.0	82.647	105.446	156.745	188.093	199.493
159.5	82.647	102.596	153.895	185.244	196.643
160.0	82.647	99.747	148.195	179.544	190.943
160.5	82.647	99.747	145.345	176.694	185.244
161.0	82.647	99.747	142.495	170.994	182.394
161.5	82.647	99.747	136.795	165.294	176.694
162.0	82.647	102.596	133.945	162.444	170.994
162.5	82.647	105.446	131.095	156.745	168.144
163.0	82.647	111.146	128.246	153.895	162.444
163.5	85.497	111.146	125.396	148.195	159.594
164.0	85.497	111.146	119.696	145.345	153.895
164.5	85.497	108.296	116.846	142.495	151.045
165.0	85.497	108.296	113.996	136.795	145.345
165.5	88.347	105.446	111.146	133.945	139.645
166.0	88.347	102.596	105.446	131.095	136.795
166.5	88.347	102.596	102.596	128.246	133.945

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CANDELA TABULATION - (Cont.)

167.0	88.347	102.596	99.747	122.546	128.246
167.5	91.197	99.747	96.897	119.696	125.396
168.0	91.197	99.747	94.047	116.846	122.546
168.5	91.197	99.747	91.197	113.996	119.696
169.0	91.197	99.747	91.197	113.996	116.846
169.5	94.047	96.897	91.197	111.146	113.996
170.0	94.047	96.897	96.897	108.296	111.146
170.5	94.047	96.897	102.596	105.446	108.296
171.0	94.047	94.047	105.446	102.596	105.446
171.5	94.047	94.047	105.446	99.747	105.446
172.0	96.897	94.047	102.596	102.596	102.596
172.5	96.897	91.197	99.747	111.146	102.596
173.0	96.897	91.197	99.747	113.996	116.846
173.5	96.897	91.197	96.897	116.846	125.396
174.0	96.897	91.197	94.047	113.996	128.246
174.5	96.897	91.197	94.047	111.146	125.396
175.0	96.897	91.197	91.197	108.296	125.396
175.5	99.747	94.047	91.197	105.446	116.846
176.0	99.747	94.047	88.347	99.747	113.996
176.5	96.897	94.047	88.347	94.047	108.296
177.0	96.897	94.047	85.497	88.347	99.747
177.5	94.047	94.047	85.497	85.497	96.897
178.0	94.047	91.197	85.497	85.497	91.197
178.5	91.197	91.197	85.497	85.497	88.347
179.0	88.347	88.347	85.497	85.497	85.497
179.5	88.347	88.347	85.497	85.497	85.497
180.0	85.497	85.497	85.497	85.497	85.497

IES INDOOR REPORT
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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	3743.21	N.A.	10.70
0-30	7963.03	N.A.	22.90
0-40	13041.13	N.A.	37.50
0-60	23285.88	N.A.	66.90
0-80	30660.5	N.A.	88.10
0-90	32199.07	N.A.	92.50
10-90	31232.8	N.A.	89.70
20-40	9297.92	N.A.	26.70
20-50	14490.49	N.A.	41.60
40-70	14598.9	N.A.	41.90
60-80	7374.63	N.A.	21.20
70-80	3020.47	N.A.	8.70
80-90	1538.56	N.A.	4.40
90-110	1258.25	N.A.	3.60
90-120	1683.35	N.A.	4.80
90-130	2065.78	N.A.	5.90
90-150	2494.51	N.A.	7.20
90-180	2621.6	N.A.	7.50
110-180	1363.34	N.A.	3.90
0-180	34820.66	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	966.27
10-20	2776.95
20-30	4219.82
30-40	5078.1
40-50	5192.57
50-60	5052.18
60-70	4354.16
70-80	3020.47
80-90	1538.56
90-100	763.79
100-110	494.47
110-120	425.10
120-130	382.42
130-140	267.40
140-150	161.33
150-160	83.25
160-170	34.33
170-180	9.50

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BRITE-8-835-U10-XX-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	117	117	117	117	117	114	114	114	114	107	107	107	101	101	101	95	95	95	92
1	105	100	95	91		102	97	93	89	91	88	85	86	83	81	81	79	77	74
2	95	86	79	73		92	84	77	71	79	73	68	74	70	66	70	67	63	61
3	86	75	67	60		83	73	65	59	69	62	57	65	60	55	62	57	53	50
4	79	66	57	50		76	65	56	49	61	54	48	58	52	46	55	49	45	43
5	72	59	50	43		70	58	49	42	55	47	41	52	45	40	49	43	39	37
6	67	53	44	37		64	52	43	37	49	42	36	47	40	35	44	39	34	32
7	62	48	39	33		60	47	38	32	45	37	32	43	36	31	41	35	30	28
8	58	44	35	29		56	43	35	29	41	33	28	39	32	28	37	31	27	25
9	54	40	32	26		52	39	31	26	37	30	25	36	29	25	34	29	24	22
10	50	37	29	24		49	36	29	23	35	28	23	33	27	22	32	26	22	20

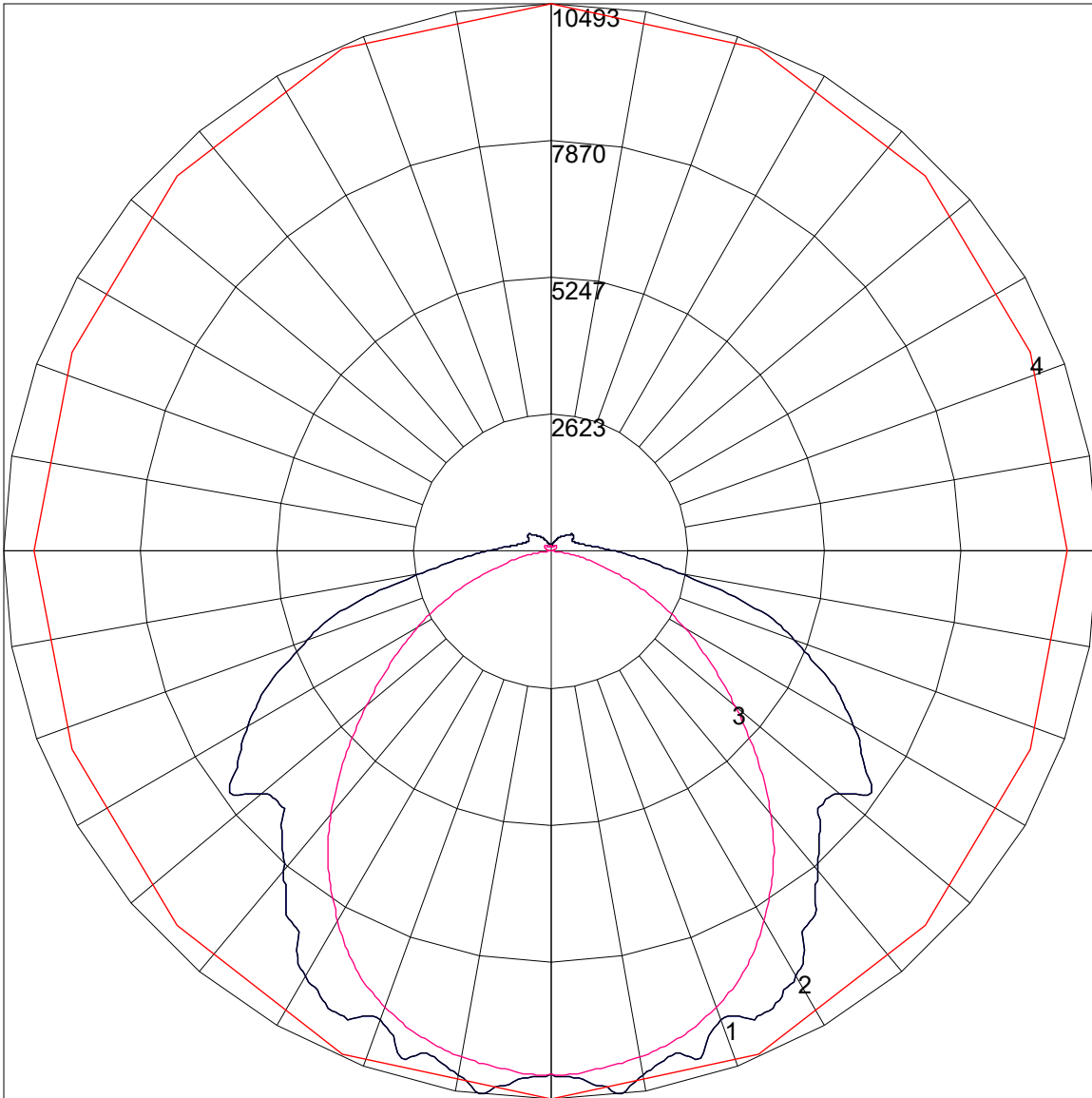
IES INDOOR REPORT
PHOTOMETRIC FILENAME : BRITE-8-835-U10-XX-CA.IES

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	22.8	24.3	23.3	24.8	25.3	27.4	28.9	27.8	29.3	29.9
	3H	23.9	25.3	24.4	25.8	26.3	29.8	31.2	30.3	31.7	32.2
	4H	24.2	25.5	24.8	26.0	26.6	30.9	32.2	31.4	32.7	33.3
	6H	24.4	25.6	24.9	26.1	26.7	31.7	33.0	32.3	33.5	34.1
	8H	24.4	25.6	25.0	26.1	26.7	32.1	33.3	32.6	33.8	34.4
	12H	24.4	25.5	24.9	26.0	26.6	32.4	33.6	33.0	34.1	34.7
4H	2H	24.5	25.8	25.0	26.3	26.9	27.8	29.1	28.3	29.6	30.1
	3H	25.9	27.0	26.4	27.5	28.1	30.5	31.6	31.0	32.1	32.7
	4H	26.3	27.3	26.8	27.9	28.5	31.7	32.7	32.3	33.3	33.9
	6H	26.5	27.4	27.1	28.0	28.6	32.8	33.7	33.3	34.2	34.9
	8H	26.6	27.4	27.1	28.0	28.6	33.2	34.0	33.8	34.6	35.3
	12H	26.6	27.3	27.2	27.9	28.6	33.7	34.4	34.3	35.0	35.7
8H	4H	27.5	28.3	28.1	28.9	29.5	31.9	32.8	32.5	33.3	34.0
	6H	27.9	28.6	28.5	29.2	29.9	33.1	33.8	33.7	34.5	35.1
	8H	28.0	28.6	28.6	29.3	29.9	33.7	34.3	34.3	35.0	35.6
	12H	28.1	28.6	28.7	29.2	30.0	34.3	34.9	34.9	35.5	36.2
12H	4H	27.7	28.5	28.3	29.1	29.7	31.9	32.7	32.5	33.3	33.9
	6H	28.3	29.0	29.0	29.6	30.3	33.2	33.8	33.8	34.4	35.1
	8H	28.5	29.1	29.2	29.7	30.5	33.8	34.4	34.4	35.0	35.7

Maximum UGR = 36.2

POLAR GRAPH



Maximum Candela = 10493.332 Located At Horizontal Angle = 90, Vertical Angle = 7.5
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 (7.5) (Through Max. Cd.)