



IES INDOOR REPORT
PHOTOMETRIC FILENAME : BRITE-4-835-U10-XX-N.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] LLIA001669-012_modified to BRITE output
 [TESTLAB] LightLab International Allentown, LLC
 [ISSUEDATE] 4/6/2022
 [MANUFAC] Lux Dynamics
 [LUMCAT] BRITE-4-835-U10-SM-N
 [LUMINAIRE] BRITE Line LED Fixture, 4' Length, 80 CRI,
 [MORE] 3500K CCT, No Lens, Narrow Optic
 [LAMP] -
 [BALLAST] -
 [OTHER] -

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	18157
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	153
Total Luminaire Watts	118.36
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.28
Spacing Criterion (90-270)	0.98
Spacing Criterion (Diagonal)	1.06
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	3.79 ft
Luminous Width (90-270)	0.13 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	226309	91723	80327
55	218134	77243	18088
65	200558	3937	618
75	162482	2143	504
85	83101	4118	1123

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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	10326.386	10326.386	10326.386	10326.386	10326.386
0.5	10324.948	10324.948	10327.824	10332.138	10336.452
1.0	10323.510	10323.510	10329.262	10340.766	10347.956
1.5	10324.948	10324.948	10337.890	10358.022	10369.526
2.0	10335.014	10335.014	10359.460	10399.724	10427.047
2.5	10350.832	10353.708	10401.162	10486.005	10526.270
3.0	10359.460	10366.650	10461.559	10592.418	10647.063
3.5	10355.146	10372.402	10539.212	10714.650	10787.988
4.0	10336.452	10366.650	10619.741	10857.013	10957.674
4.5	10301.939	10359.460	10706.022	11026.699	11158.996
5.0	10250.171	10343.642	10796.617	11225.145	11404.897
5.5	10238.667	10376.716	10901.592	11413.525	11632.103
6.0	10232.915	10414.105	11012.319	11620.599	11870.814
6.5	10224.287	10454.369	11135.988	11836.301	12076.450
7.0	10215.658	10491.757	11271.161	12026.119	12241.822
7.5	10202.716	10529.146	11419.277	12188.615	12330.978
8.0	10188.336	10569.410	11576.021	12284.962	12326.664
8.5	10178.270	10611.113	11738.516	12305.094	12198.681
9.0	10165.328	10649.939	11875.128	12228.879	11964.285
9.5	10146.634	10688.765	12001.673	12053.442	11606.219
10.0	10133.692	10736.220	12096.582	11767.277	11130.236
10.5	10113.559	10785.112	12155.541	11383.327	10631.245
11.0	10100.617	10835.443	12155.541	10920.286	10136.568
11.5	10084.799	10887.211	12102.334	10448.617	9660.585
12.0	10070.419	10943.294	11985.855	9994.204	9236.370
12.5	10056.039	11000.815	11811.855	9561.362	8842.354
13.0	10038.783	11062.649	11573.145	9163.031	8490.040
13.5	10008.584	11125.922	11266.847	8794.900	8216.818
14.0	9985.576	11193.509	10926.038	8474.222	7996.801
14.5	9959.692	11266.847	10547.840	8205.313	7821.363
15.0	9936.684	11335.872	10182.584	7989.611	7689.066
15.5	9915.113	11402.021	9818.766	7814.173	7585.529
16.0	9890.667	11460.979	9475.081	7679.000	7519.380
16.5	9863.345	11517.062	9138.585	7566.835	7522.256
17.0	9836.022	11567.393	8838.040	7484.868	7641.612
17.5	9817.328	11606.219	8543.247	7446.042	7957.975
18.0	9782.816	11632.103	8284.404	7490.620	8376.437
18.5	9754.056	11649.359	8064.388	7647.364	8757.511
19.0	9731.047	11649.359	7871.694	7986.735	9101.197
19.5	9702.287	11630.665	7709.198	8362.057	9364.354
20.0	9666.337	11591.839	7569.711	8701.429	9598.750
20.5	9637.576	11537.194	7451.794	9004.850	9801.510
21.0	9600.188	11456.665	7354.009	9243.560	9969.758
21.5	9569.990	11354.566	7273.480	9452.072	10168.204
22.0	9532.601	11230.897	7208.769	9643.328	10219.972
22.5	9496.651	11092.848	7181.447	9790.006	9943.874
23.0	9454.949	10927.476	7208.769	9972.634	9518.221
23.5	9417.560	10730.468	7310.868	10067.543	9032.172
24.0	9377.296	10523.394	7520.818	9883.477	8541.809
24.5	9328.403	10290.435	7805.545	9499.527	8100.338
25.0	9288.139	10054.601	8071.578	9076.751	7730.769
25.5	9242.122	9804.386	8324.669	8595.016	7408.653
26.0	9198.982	9559.924	8547.561	8169.363	7095.166
26.5	9158.717	9316.899	8722.999	7781.099	6742.852

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CANDELA TABULATION - (Cont.)

27.0	9111.263	9078.189	8884.057	7454.670	6351.712
27.5	9065.246	8848.106	9022.106	7171.381	5927.498
28.0	9023.544	8610.834	9132.833	6862.208	5486.027
28.5	8981.842	8389.379	9237.808	6525.712	5083.383
29.0	8937.263	8170.801	9371.544	6136.010	4745.449
29.5	8894.123	7966.603	9427.626	5729.052	4495.235
30.0	8846.668	7763.843	9319.775	5309.151	4292.475
30.5	8799.214	7572.587	9043.676	4936.705	4122.789
31.0	8746.007	7394.273	8704.305	4621.780	3967.483
31.5	8699.991	7234.653	8330.421	4388.822	3845.252
32.0	8652.536	7087.976	7943.595	4197.566	3763.285
32.5	8600.768	6944.174	7582.653	4027.880	3697.137
33.0	8544.685	6820.505	7257.662	3882.640	3641.054
33.5	8490.040	6705.464	6962.869	3757.533	3586.409
34.0	8433.958	6597.613	6709.778	3671.252	3533.203
34.5	8377.875	6496.952	6459.563	3605.104	3478.558
35.0	8320.355	6404.919	6187.778	3550.459	3423.914
35.5	8261.396	6320.076	5888.671	3495.814	3369.269
36.0	8203.875	6240.985	5562.242	3444.046	3316.063
36.5	8140.603	6169.084	5215.680	3390.839	3262.856
37.0	8084.520	6113.002	4866.243	3337.633	3209.649
37.5	8029.876	6071.299	4536.937	3285.864	3157.881
38.0	7970.917	6054.043	4253.648	3232.658	3106.112
38.5	7913.396	6065.547	4029.318	3180.889	3054.344
39.0	7854.438	6124.506	3843.814	3127.683	3004.013
39.5	7792.603	6228.043	3688.508	3077.352	2956.559
40.0	7730.769	6357.464	3544.707	3025.584	2906.228
40.5	7668.934	6492.638	3421.038	2976.691	2860.212
41.0	7604.223	6626.373	3317.501	2927.799	2817.071
41.5	7535.199	6752.918	3239.848	2877.468	2772.493
42.0	7467.612	6859.331	3179.451	2830.013	2730.790
42.5	7400.025	6928.356	3124.807	2781.121	2690.526
43.0	7331.000	6997.381	3070.162	2736.543	2650.262
43.5	7259.100	7062.092	3018.393	2691.964	2612.873
44.0	7191.513	7098.042	2965.187	2650.262	2575.485
44.5	7119.612	7115.298	2911.980	2609.997	2539.534
45.0	7053.463	7139.744	2858.774	2571.171	2503.584
45.5	6985.877	7167.067	2805.567	2533.782	2469.072
46.0	6915.414	7167.067	2752.361	2494.956	2433.121
46.5	6846.389	7108.108	2700.592	2459.006	2398.609
47.0	6774.489	6964.307	2650.262	2423.055	2364.097
47.5	6701.150	6735.662	2598.493	2387.105	2329.584
48.0	6626.373	6468.191	2548.163	2351.154	2295.072
48.5	6548.720	6192.093	2500.708	2316.642	2260.560
49.0	6469.629	5890.109	2451.816	2280.692	2226.047
49.5	6394.853	5614.010	2405.799	2244.741	2192.973
50.0	6315.762	5363.796	2361.221	2208.791	2158.460
50.5	6239.547	5125.085	2315.204	2172.841	2125.386
51.0	6160.456	4912.259	2270.626	2138.328	2090.874
51.5	6081.365	4705.185	2227.485	2102.378	2057.799
52.0	6008.027	4503.863	2187.221	2067.866	2021.849
52.5	5926.060	4283.847	2145.518	2031.915	1968.643
53.0	5848.407	4052.326	2105.254	1997.403	1863.667
53.5	5766.440	3792.046	2064.990	1961.452	1639.337
54.0	5683.035	3524.575	2027.601	1925.502	1282.709
54.5	5601.068	3264.294	1990.213	1880.924	829.735

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CANDELA TABULATION - (Cont.)

55.0	5514.787	3012.641	1952.824	1801.833	457.289
55.5	5434.259	2802.691	1915.436	1630.709	255.967
56.0	5347.978	2627.253	1878.048	1322.974	129.421
56.5	5266.011	2483.452	1842.097	895.883	81.967
57.0	5179.730	2355.469	1806.147	497.553	70.463
57.5	5097.763	2243.303	1770.196	277.537	58.959
58.0	5010.044	2144.080	1734.246	140.925	46.016
58.5	4919.449	2069.304	1698.296	86.281	31.636
59.0	4831.730	2010.345	1663.783	76.215	25.884
59.5	4741.135	1958.576	1627.833	61.835	23.008
60.0	4651.978	1905.370	1591.883	50.331	20.132
60.5	4562.822	1853.601	1557.370	37.388	18.694
61.0	4476.541	1801.833	1521.420	31.636	17.256
61.5	4383.070	1750.064	1475.403	28.760	15.818
62.0	4293.913	1699.734	1380.494	25.884	15.818
62.5	4199.004	1650.841	1170.544	24.446	14.380
63.0	4106.971	1600.511	831.173	23.008	14.380
63.5	4017.814	1553.056	460.165	21.570	12.942
64.0	3927.219	1502.726	230.082	21.570	12.942
64.5	3833.748	1453.833	112.165	20.132	11.504
65.0	3735.963	1406.379	73.339	20.132	11.504
65.5	3643.930	1361.800	63.273	18.694	11.504
66.0	3549.021	1317.222	53.207	18.694	10.066
66.5	3458.426	1274.081	43.140	18.694	10.066
67.0	3363.517	1229.503	38.826	17.256	8.628
67.5	3264.294	1189.238	35.950	17.256	8.628
68.0	3170.823	1148.974	34.512	18.694	8.628
68.5	3080.228	1111.586	33.074	20.132	7.190
69.0	2983.881	1075.635	31.636	20.132	7.190
69.5	2884.658	1036.809	30.198	18.694	7.190
70.0	2791.187	1000.858	30.198	18.694	7.190
70.5	2696.278	962.032	28.760	18.694	7.190
71.0	2599.931	926.082	28.760	18.694	5.752
71.5	2506.460	891.569	27.322	18.694	5.752
72.0	2412.989	857.057	27.322	17.256	5.752
72.5	2316.642	821.107	25.884	17.256	5.752
73.0	2227.485	783.718	25.884	17.256	5.752
73.5	2129.700	746.330	25.884	17.256	5.752
74.0	2039.105	671.553	24.446	17.256	5.752
74.5	1942.758	475.983	24.446	15.818	5.752
75.0	1853.601	205.636	24.446	15.818	5.752
75.5	1760.130	79.091	24.446	15.818	5.752
76.0	1670.973	51.769	23.008	15.818	5.752
76.5	1583.254	46.016	23.008	14.380	4.314
77.0	1494.098	38.826	23.008	14.380	4.314
77.5	1409.255	35.950	21.570	14.380	4.314
78.0	1324.412	34.512	21.570	14.380	4.314
78.5	1238.131	33.074	21.570	14.380	4.314
79.0	1154.726	31.636	21.570	12.942	4.314
79.5	1071.321	31.636	20.132	12.942	4.314
80.0	992.230	30.198	20.132	12.942	4.314
80.5	913.140	28.760	20.132	12.942	4.314
81.0	838.363	28.760	18.694	12.942	4.314
81.5	767.900	27.322	18.694	11.504	4.314
82.0	694.561	27.322	18.694	11.504	4.314
82.5	626.975	27.322	17.256	11.504	4.314

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CANDELA TABULATION - (Cont.)

83.0	559.388	25.884	17.256	11.504	4.314
83.5	494.677	24.446	17.256	11.504	4.314
84.0	432.843	24.446	15.818	10.066	4.314
84.5	375.322	23.008	15.818	10.066	4.314
85.0	319.239	21.570	15.818	10.066	4.314
85.5	268.909	20.132	15.818	10.066	2.876
86.0	221.454	20.132	14.380	10.066	4.314
86.5	176.876	18.694	14.380	10.066	2.876
87.0	136.611	17.256	14.380	10.066	2.876
87.5	96.347	17.256	14.380	10.066	2.876
88.0	60.397	15.818	12.942	10.066	2.876
88.5	28.760	15.818	12.942	10.066	2.876
89.0	20.132	14.380	12.942	10.066	2.876
89.5	10.066	14.380	12.942	10.066	2.876
90.0	0.000	12.942	11.504	8.628	2.876
90.5	0.000	11.504	11.504	8.628	1.438
91.0	0.000	11.504	11.504	8.628	1.438
91.5	0.000	11.504	11.504	8.628	1.438
92.0	0.000	11.504	11.504	8.628	1.438
92.5	0.000	10.066	11.504	8.628	1.438
93.0	0.000	10.066	11.504	8.628	1.438
93.5	0.000	10.066	10.066	8.628	1.438
94.0	0.000	10.066	10.066	8.628	1.438
94.5	1.438	8.628	10.066	8.628	1.438
95.0	1.438	8.628	10.066	8.628	2.876
95.5	1.438	8.628	10.066	8.628	2.876
96.0	1.438	7.190	10.066	8.628	2.876
96.5	1.438	7.190	10.066	8.628	2.876
97.0	1.438	7.190	10.066	8.628	2.876
97.5	1.438	7.190	10.066	8.628	2.876
98.0	1.438	7.190	8.628	8.628	2.876
98.5	1.438	7.190	8.628	8.628	2.876
99.0	1.438	5.752	8.628	7.190	2.876
99.5	1.438	5.752	8.628	7.190	4.314
100.0	1.438	5.752	8.628	7.190	4.314
100.5	1.438	5.752	8.628	7.190	4.314
101.0	1.438	5.752	8.628	7.190	4.314
101.5	1.438	5.752	8.628	7.190	4.314
102.0	1.438	5.752	8.628	7.190	4.314
102.5	1.438	5.752	7.190	7.190	4.314
103.0	1.438	5.752	7.190	7.190	5.752
103.5	1.438	5.752	7.190	7.190	5.752
104.0	2.876	5.752	7.190	7.190	5.752
104.5	2.876	5.752	7.190	7.190	5.752
105.0	2.876	5.752	7.190	7.190	5.752
105.5	2.876	5.752	7.190	7.190	5.752
106.0	2.876	5.752	7.190	7.190	5.752
106.5	2.876	5.752	7.190	7.190	5.752
107.0	2.876	5.752	7.190	7.190	7.190
107.5	2.876	5.752	7.190	7.190	7.190
108.0	2.876	5.752	7.190	7.190	7.190
108.5	4.314	5.752	7.190	7.190	7.190
109.0	4.314	5.752	7.190	7.190	7.190
109.5	4.314	5.752	7.190	7.190	7.190
110.0	4.314	5.752	7.190	7.190	7.190
110.5	4.314	5.752	7.190	7.190	7.190

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CANDELA TABULATION - (Cont.)

111.0	4.314	5.752	7.190	7.190	8.628
111.5	4.314	5.752	7.190	7.190	8.628
112.0	4.314	5.752	7.190	7.190	8.628
112.5	4.314	5.752	7.190	7.190	8.628
113.0	4.314	5.752	7.190	7.190	8.628
113.5	4.314	5.752	7.190	7.190	8.628
114.0	5.752	7.190	7.190	7.190	8.628
114.5	5.752	7.190	7.190	7.190	8.628
115.0	5.752	7.190	7.190	7.190	8.628
115.5	5.752	7.190	7.190	7.190	8.628
116.0	5.752	7.190	7.190	7.190	8.628
116.5	5.752	7.190	7.190	7.190	8.628
117.0	5.752	7.190	7.190	7.190	8.628
117.5	5.752	7.190	7.190	7.190	8.628
118.0	5.752	7.190	7.190	7.190	8.628
118.5	5.752	7.190	7.190	7.190	8.628
119.0	5.752	7.190	7.190	7.190	8.628
119.5	5.752	7.190	7.190	7.190	8.628
120.0	7.190	7.190	7.190	7.190	8.628
120.5	7.190	7.190	7.190	7.190	8.628
121.0	7.190	7.190	7.190	7.190	8.628
121.5	7.190	7.190	7.190	7.190	8.628
122.0	7.190	7.190	7.190	7.190	8.628
122.5	7.190	7.190	7.190	7.190	8.628
123.0	7.190	7.190	7.190	7.190	8.628
123.5	7.190	7.190	7.190	7.190	8.628
124.0	7.190	7.190	7.190	7.190	8.628
124.5	7.190	7.190	7.190	7.190	8.628
125.0	7.190	7.190	7.190	7.190	8.628
125.5	8.628	7.190	7.190	7.190	8.628
126.0	8.628	7.190	7.190	7.190	8.628
126.5	8.628	7.190	7.190	7.190	8.628
127.0	8.628	7.190	7.190	7.190	8.628
127.5	8.628	7.190	7.190	7.190	8.628
128.0	8.628	7.190	7.190	7.190	8.628
128.5	8.628	7.190	7.190	7.190	8.628
129.0	8.628	7.190	7.190	7.190	8.628
129.5	8.628	7.190	7.190	7.190	8.628
130.0	8.628	7.190	7.190	7.190	8.628
130.5	8.628	7.190	7.190	7.190	8.628
131.0	8.628	7.190	7.190	7.190	8.628
131.5	8.628	7.190	7.190	7.190	8.628
132.0	8.628	7.190	7.190	7.190	8.628
132.5	8.628	7.190	7.190	7.190	8.628
133.0	8.628	7.190	7.190	7.190	8.628
133.5	8.628	7.190	7.190	7.190	8.628
134.0	8.628	7.190	7.190	7.190	8.628
134.5	8.628	7.190	7.190	7.190	8.628
135.0	8.628	7.190	7.190	7.190	8.628
135.5	8.628	7.190	7.190	7.190	8.628
136.0	8.628	7.190	7.190	7.190	8.628
136.5	8.628	7.190	7.190	7.190	8.628
137.0	8.628	7.190	7.190	7.190	8.628
137.5	8.628	7.190	7.190	7.190	8.628
138.0	8.628	7.190	7.190	7.190	8.628
138.5	8.628	7.190	7.190	7.190	8.628

**IES INDOOR REPORT
PHOTOMETRIC FILENAME : BRITE-4-835-U10-XX-N.IES**

CANDELA TABULATION - (Cont.)

139.0	8.628	7.190	7.190	7.190	8.628
139.5	8.628	7.190	7.190	7.190	8.628
140.0	8.628	7.190	7.190	7.190	8.628
140.5	8.628	7.190	7.190	7.190	7.190
141.0	8.628	7.190	7.190	7.190	8.628
141.5	8.628	7.190	7.190	7.190	7.190
142.0	8.628	7.190	7.190	7.190	7.190
142.5	8.628	7.190	7.190	7.190	7.190
143.0	8.628	7.190	7.190	7.190	7.190
143.5	7.190	7.190	7.190	7.190	7.190
144.0	8.628	7.190	7.190	7.190	7.190
144.5	7.190	7.190	7.190	7.190	7.190
145.0	8.628	7.190	7.190	7.190	7.190
145.5	7.190	7.190	7.190	7.190	7.190
146.0	7.190	7.190	7.190	7.190	7.190
146.5	7.190	7.190	7.190	7.190	7.190
147.0	7.190	7.190	7.190	7.190	7.190
147.5	8.628	7.190	7.190	7.190	7.190
148.0	8.628	7.190	7.190	7.190	7.190
148.5	7.190	7.190	7.190	7.190	7.190
149.0	8.628	7.190	7.190	7.190	7.190
149.5	7.190	7.190	7.190	7.190	7.190
150.0	7.190	7.190	7.190	7.190	8.628
150.5	7.190	7.190	7.190	7.190	8.628
151.0	7.190	7.190	7.190	7.190	8.628
151.5	7.190	7.190	7.190	7.190	8.628
152.0	7.190	7.190	7.190	7.190	8.628
152.5	7.190	7.190	7.190	7.190	8.628
153.0	7.190	7.190	7.190	7.190	8.628
153.5	7.190	7.190	7.190	7.190	8.628
154.0	7.190	7.190	7.190	7.190	8.628
154.5	7.190	7.190	7.190	7.190	8.628
155.0	7.190	7.190	7.190	8.628	8.628
155.5	7.190	7.190	7.190	8.628	8.628
156.0	7.190	7.190	7.190	8.628	8.628
156.5	7.190	7.190	7.190	8.628	8.628
157.0	7.190	7.190	7.190	8.628	8.628
157.5	7.190	7.190	8.628	8.628	8.628
158.0	8.628	7.190	8.628	8.628	8.628
158.5	8.628	8.628	8.628	8.628	8.628
159.0	8.628	8.628	8.628	8.628	8.628
159.5	8.628	8.628	8.628	8.628	8.628
160.0	8.628	8.628	8.628	8.628	8.628
160.5	8.628	8.628	8.628	8.628	8.628
161.0	8.628	8.628	8.628	8.628	8.628
161.5	8.628	8.628	8.628	8.628	8.628
162.0	8.628	8.628	8.628	8.628	8.628
162.5	8.628	8.628	8.628	8.628	8.628
163.0	8.628	8.628	8.628	10.066	10.066
163.5	8.628	8.628	8.628	10.066	10.066
164.0	8.628	8.628	8.628	10.066	10.066
164.5	10.066	8.628	8.628	10.066	10.066
165.0	8.628	8.628	10.066	10.066	10.066
165.5	10.066	10.066	10.066	10.066	10.066
166.0	10.066	10.066	10.066	10.066	10.066
166.5	10.066	10.066	10.066	10.066	10.066

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BRITE-4-835-U10-XX-N.IES

CANDELA TABULATION - (Cont.)

167.0	10.066	10.066	10.066	10.066	10.066
167.5	10.066	10.066	10.066	10.066	10.066
168.0	10.066	10.066	10.066	10.066	10.066
168.5	10.066	10.066	10.066	10.066	10.066
169.0	10.066	10.066	10.066	10.066	10.066
169.5	10.066	10.066	10.066	10.066	10.066
170.0	10.066	10.066	10.066	10.066	11.504
170.5	10.066	10.066	10.066	11.504	11.504
171.0	10.066	10.066	10.066	11.504	11.504
171.5	10.066	10.066	10.066	11.504	11.504
172.0	10.066	10.066	10.066	11.504	11.504
172.5	10.066	10.066	10.066	11.504	11.504
173.0	10.066	10.066	10.066	11.504	11.504
173.5	10.066	10.066	10.066	11.504	11.504
174.0	10.066	10.066	10.066	11.504	11.504
174.5	10.066	10.066	10.066	11.504	11.504
175.0	10.066	10.066	10.066	11.504	11.504
175.5	10.066	10.066	10.066	11.504	11.504
176.0	10.066	10.066	10.066	10.066	11.504
176.5	10.066	10.066	10.066	10.066	11.504
177.0	10.066	10.066	10.066	10.066	10.066
177.5	10.066	10.066	10.066	10.066	10.066
178.0	10.066	10.066	10.066	10.066	10.066
178.5	10.066	10.066	10.066	10.066	10.066
179.0	10.066	10.066	10.066	10.066	10.066
179.5	10.066	10.066	10.066	10.066	10.066
180.0	10.066	10.066	10.066	10.066	10.066

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BRITE-4-835-U10-XX-N.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	3817.73	N.A.	21.00
0-30	7825.83	N.A.	43.10
0-40	11303.12	N.A.	62.30
0-60	16740.72	N.A.	92.20
0-80	18046.73	N.A.	99.40
0-90	18111.61	N.A.	99.70
10-90	17052.14	N.A.	93.90
20-40	7485.39	N.A.	41.20
20-50	10757.26	N.A.	59.20
40-70	6378.75	N.A.	35.10
60-80	1306.00	N.A.	7.20
70-80	364.85	N.A.	2.00
80-90	64.88	N.A.	0.40
90-110	14.45	N.A.	0.10
90-120	21.37	N.A.	0.10
90-130	28.05	N.A.	0.20
90-150	38.50	N.A.	0.20
90-180	45.73	N.A.	0.30
110-180	31.28	N.A.	0.20
0-180	18157.34	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	1059.47
10-20	2758.26
20-30	4008.1
30-40	3477.29
40-50	3271.86
50-60	2165.74
60-70	941.15
70-80	364.85
80-90	64.88
90-100	7.93
100-110	6.52
110-120	6.92
120-130	6.69
130-140	5.85
140-150	4.60
150-160	3.57
160-170	2.66
170-180	1.00

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BRITE-4-835-U10-XX-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
0	119	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	111	108	104	101	101	109	105	102	100	101	99	96	97	95	94	94	92	91	89
2	103	97	91	87	87	101	95	90	86	91	87	84	88	85	82	85	83	80	78
3	96	87	81	75	75	94	86	80	75	83	78	73	80	76	72	78	74	71	69
4	89	79	72	66	66	87	78	71	66	75	69	65	73	68	64	71	67	63	61
5	83	72	64	59	59	81	71	64	58	69	63	58	67	61	57	65	60	57	55
6	77	66	58	53	53	76	65	58	52	63	57	52	62	56	51	60	55	51	49
7	72	60	53	47	47	71	60	52	47	58	52	47	57	51	47	56	50	46	45
8	68	56	48	43	43	66	55	48	43	54	47	43	53	47	43	52	46	42	41
9	64	52	44	39	39	62	51	44	39	50	44	39	49	43	39	48	43	39	37
10	60	48	41	36	36	59	48	41	36	47	40	36	46	40	36	45	40	36	34

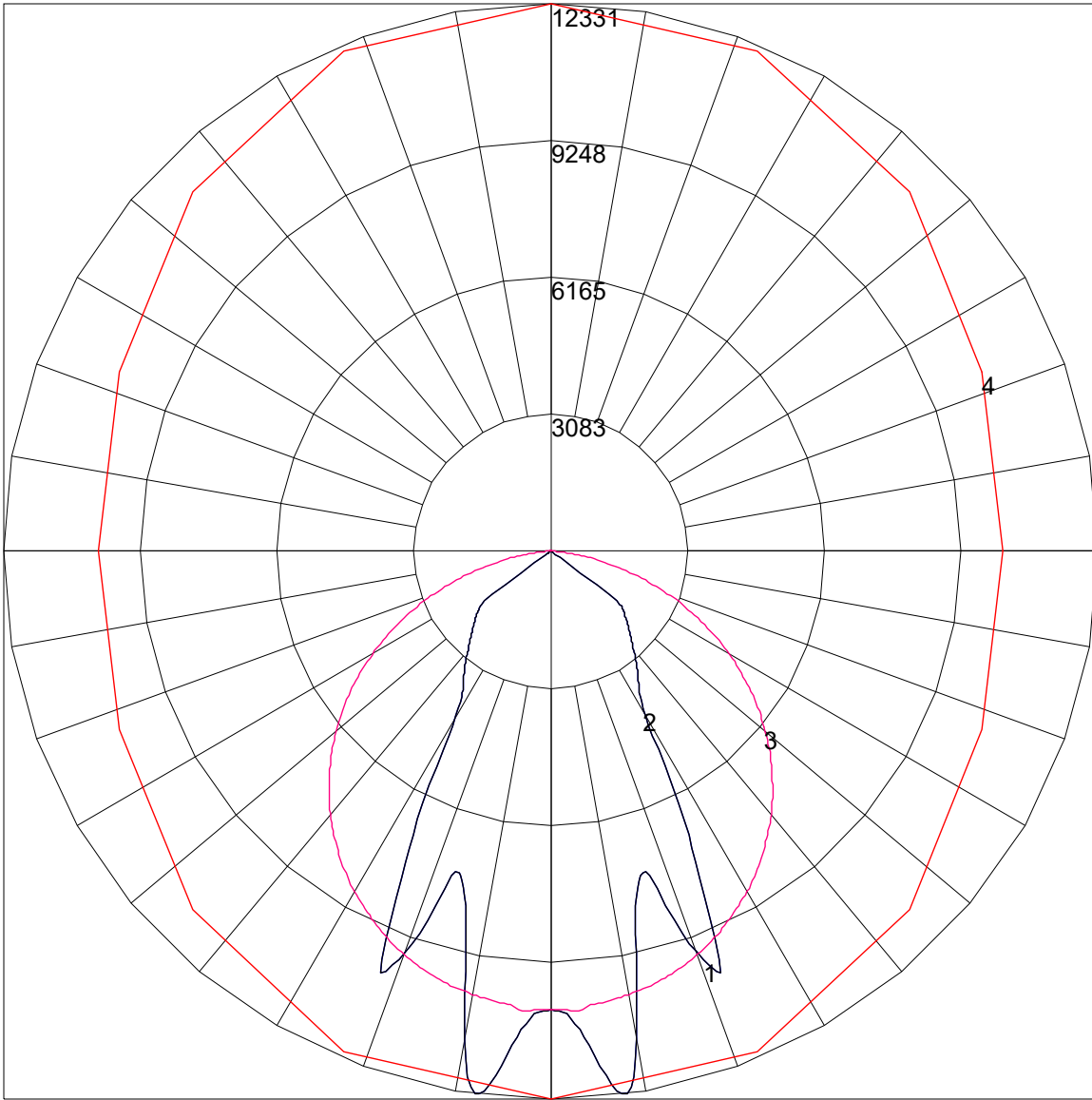
IES INDOOR REPORT
PHOTOMETRIC FILENAME : BRITE-4-835-U10-XX-N.IES

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	28.6	30.0	29.0	30.3	30.7	10.3	11.7	10.7	12.0	12.4
	3H	31.1	32.3	31.5	32.7	33.1	10.2	11.4	10.6	11.8	12.2
	4H	32.0	33.1	32.4	33.5	33.9	10.1	11.3	10.6	11.6	12.1
	6H	32.5	33.6	32.9	34.0	34.4	10.1	11.1	10.5	11.5	11.9
	8H	32.7	33.7	33.1	34.1	34.5	10.1	11.0	10.5	11.5	11.9
	12H	32.8	33.7	33.2	34.1	34.6	10.1	11.0	10.5	11.4	11.8
4H	2H	28.4	29.6	28.8	29.9	30.3	10.4	11.6	10.9	11.9	12.4
	3H	31.0	31.9	31.4	32.4	32.8	10.4	11.3	10.8	11.7	12.2
	4H	31.9	32.7	32.3	33.1	33.6	10.3	11.2	10.8	11.6	12.1
	6H	32.4	33.1	32.9	33.6	34.1	10.3	11.0	10.8	11.5	12.0
	8H	32.6	33.3	33.1	33.7	34.2	10.3	11.0	10.8	11.4	11.9
	12H	32.7	33.3	33.2	33.8	34.3	10.3	10.9	10.8	11.4	11.9
8H	4H	31.7	32.4	32.2	32.9	33.4	13.8	14.4	14.2	14.9	15.4
	6H	32.3	32.8	32.8	33.3	33.8	13.7	14.2	14.2	14.8	15.3
	8H	32.5	32.9	33.0	33.5	34.0	13.7	14.2	14.2	14.7	15.2
	12H	32.6	33.0	33.1	33.5	34.1	13.7	14.1	14.2	14.6	15.2
12H	4H	31.7	32.3	32.2	32.8	33.3	13.9	14.5	14.4	15.0	15.5
	6H	32.2	32.7	32.8	33.2	33.8	13.9	14.4	14.4	14.8	15.4
	8H	32.4	32.8	32.9	33.3	33.9	13.9	14.3	14.4	14.8	15.4

Maximum UGR = 34.6

POLAR GRAPH



Maximum Candela = 12330.978 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.)