



IES INDOOR REPORT
PHOTOMETRIC FILENAME : BRITE-2-835-U10-XX-CA.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] LLIA001669-018_modified to 2ft length_modified to BRITE output
 [TESTLAB] LightLab International Allentown, LLC
 [ISSUEDATE] 4/5/2022
 [MANUFAC] Lux Dynamics
 [LUMCAT] BRITE-2-835-U10-SM-CA
 [LUMINAIRE] BRITE Line LED Fixture, 2' 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	8945
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	151
Total Luminaire Watts	59.16
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)	1.90 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	53611	56069	55495
55	43795	51892	63047
65	34615	53755	59650
75	22028	48356	49819
85	8300	40245	31827

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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	2575.528	2575.528	2575.528	2575.528	2575.528
0.5	2580.653	2580.653	2581.385	2582.849	2583.581
1.0	2581.385	2582.117	2585.045	2586.509	2587.974
1.5	2577.724	2579.920	2581.385	2582.849	2585.045
2.0	2576.260	2579.920	2579.188	2585.045	2590.170
2.5	2575.528	2579.920	2579.920	2590.902	2595.295
3.0	2573.332	2576.260	2582.849	2592.366	2597.491
3.5	2570.403	2571.135	2584.313	2592.366	2600.419
4.0	2567.475	2567.475	2582.849	2599.687	2616.525
4.5	2563.082	2566.011	2582.117	2616.525	2632.632
5.0	2558.690	2565.278	2581.385	2628.239	2639.953
5.5	2555.761	2566.743	2590.902	2630.435	2642.881
6.0	2553.565	2566.011	2601.883	2631.900	2653.863
6.5	2551.369	2563.814	2606.276	2642.149	2675.093
7.0	2549.172	2560.154	2606.276	2662.648	2691.932
7.5	2545.512	2555.029	2607.008	2678.022	2695.592
8.0	2542.583	2550.636	2607.740	2683.147	2682.414
8.5	2538.923	2545.512	2615.793	2673.629	2660.451
9.0	2535.262	2541.119	2629.703	2654.595	2641.417
9.5	2531.602	2540.387	2640.685	2636.292	2626.043
10.0	2527.209	2541.119	2646.542	2620.186	2615.793
10.5	2522.817	2544.780	2645.077	2606.276	2604.812
11.0	2519.156	2545.512	2635.560	2595.295	2598.223
11.5	2513.299	2544.780	2620.186	2585.777	2587.241
12.0	2508.907	2541.119	2602.616	2576.992	2576.992
12.5	2504.514	2535.262	2587.241	2566.743	2567.475
13.0	2498.657	2528.673	2574.064	2556.493	2557.225
13.5	2492.801	2523.549	2560.154	2546.244	2549.904
14.0	2486.212	2519.156	2548.440	2534.530	2544.780
14.5	2479.623	2516.228	2535.994	2526.477	2550.636
15.0	2473.034	2514.764	2522.817	2519.156	2568.207
15.5	2466.445	2514.031	2511.835	2519.156	2583.581
16.0	2459.124	2513.299	2498.657	2530.870	2599.687
16.5	2451.071	2511.835	2486.944	2544.780	2600.419
17.0	2443.750	2508.175	2474.498	2558.690	2580.653
17.5	2434.233	2502.318	2459.124	2568.207	2544.780
18.0	2424.715	2494.265	2445.946	2560.886	2509.639
18.5	2415.930	2483.283	2434.233	2536.727	2493.533
19.0	2407.145	2471.570	2423.251	2500.854	2478.159
19.5	2397.628	2459.124	2411.537	2470.838	2466.445
20.0	2387.378	2446.678	2404.216	2451.803	2453.999
20.5	2377.129	2434.233	2403.484	2436.429	2448.142
21.0	2366.879	2421.787	2407.145	2423.251	2450.339
21.5	2356.630	2407.877	2414.466	2413.734	2458.392
22.0	2344.916	2393.967	2421.787	2404.216	2467.177
22.5	2333.935	2378.593	2426.179	2402.020	2481.819
23.0	2321.489	2363.951	2419.591	2404.216	2503.050
23.5	2308.311	2347.113	2397.628	2409.341	2515.496
24.0	2295.866	2331.006	2370.540	2417.394	2507.443
24.5	2282.688	2312.704	2342.720	2436.429	2506.710
25.0	2268.778	2296.598	2314.900	2451.071	2504.514
25.5	2254.136	2278.295	2290.009	2448.875	2503.050
26.0	2238.762	2261.457	2270.242	2445.214	2500.854
26.5	2223.388	2244.619	2249.743	2443.018	2487.676

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CANDELA TABULATION - (Cont.)

27.0	2206.549	2226.316	2235.833	2436.429	2478.891
27.5	2190.443	2207.282	2224.852	2429.840	2467.177
28.0	2173.605	2187.515	2213.870	2421.055	2447.410
28.5	2155.302	2167.016	2204.353	2410.805	2439.357
29.0	2137.732	2145.785	2194.836	2401.288	2439.357
29.5	2119.430	2124.554	2186.051	2391.771	2432.036
30.0	2099.663	2102.591	2180.194	2373.468	2415.930
30.5	2081.360	2082.092	2182.390	2365.415	2403.484
31.0	2061.594	2060.129	2188.247	2363.951	2396.163
31.5	2043.291	2039.631	2187.515	2355.166	2380.057
32.0	2024.989	2019.132	2183.854	2341.256	2353.702
32.5	2005.222	1998.633	2180.194	2331.006	2326.614
33.0	1986.187	1979.598	2175.801	2322.221	2284.884
33.5	1967.885	1961.296	2167.748	2308.311	2247.547
34.0	1949.582	1944.458	2154.570	2290.009	2235.833
34.5	1929.084	1929.816	2135.536	2265.850	2233.637
35.0	1910.049	1917.370	2112.841	2232.905	2227.048
35.5	1889.550	1907.121	2092.342	2194.104	2222.656
36.0	1869.051	1895.407	2075.504	2169.212	2215.335
36.5	1847.820	1882.961	2062.326	2158.963	2197.032
37.0	1825.857	1869.051	2049.148	2147.249	2169.212
37.5	1803.162	1854.409	2038.899	2137.732	2141.393
38.0	1779.735	1838.303	2030.113	2131.875	2114.305
38.5	1757.040	1822.929	2019.864	2124.554	2097.467
39.0	1732.149	1806.091	2007.418	2107.716	2088.681
39.5	1707.989	1789.252	1994.240	2085.753	2072.575
40.0	1683.830	1770.218	1982.527	2060.129	2047.684
40.5	1659.671	1751.915	1970.813	2037.434	2022.060
41.0	1635.511	1732.881	1956.903	2020.596	2005.222
41.5	1611.352	1712.382	1940.797	2008.882	1990.580
42.0	1587.193	1691.883	1926.887	1994.240	1977.402
42.5	1561.569	1669.920	1907.853	1973.010	1959.832
43.0	1537.410	1647.957	1885.158	1947.386	1940.065
43.5	1513.251	1624.530	1860.998	1926.887	1921.030
44.0	1488.359	1601.103	1839.767	1907.853	1908.585
44.5	1462.004	1578.408	1820.001	1889.550	1894.675
45.0	1436.380	1556.445	1799.502	1867.587	1874.908
45.5	1410.757	1536.678	1781.931	1846.356	1846.356
46.0	1384.401	1516.911	1765.093	1830.250	1826.590
46.5	1358.778	1497.145	1749.719	1817.804	1825.857
47.0	1333.154	1475.914	1732.881	1805.359	1831.714
47.5	1308.263	1454.683	1717.507	1787.788	1825.857
48.0	1282.639	1432.720	1702.865	1764.361	1824.393
48.5	1258.480	1411.489	1688.223	1743.862	1829.518
49.0	1233.589	1389.526	1669.188	1733.613	1833.911
49.5	1210.161	1369.027	1650.153	1732.149	1838.303
50.0	1186.734	1347.796	1631.119	1729.220	1853.677
50.5	1162.575	1325.833	1611.352	1724.828	1877.104
51.0	1139.880	1303.870	1594.514	1726.292	1898.335
51.5	1116.453	1282.639	1576.943	1735.077	1923.959
52.0	1093.757	1262.140	1559.373	1745.326	1948.118
52.5	1071.794	1241.642	1543.267	1755.576	1968.617
53.0	1050.564	1221.875	1527.893	1770.950	1978.866
53.5	1027.868	1201.376	1511.054	1787.788	1970.081
54.0	1006.638	1180.877	1492.752	1803.162	1953.243
54.5	986.139	1161.843	1475.914	1812.680	1928.351

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55.0	964.908	1142.808	1462.004	1817.072	1899.800
55.5	945.141	1124.506	1449.558	1817.804	1877.104
56.0	924.642	1106.935	1437.112	1807.555	1859.534
56.5	904.876	1089.365	1424.667	1787.788	1841.964
57.0	885.109	1070.330	1412.221	1762.897	1825.125
57.5	865.342	1052.028	1403.436	1738.738	1809.019
58.0	846.308	1032.261	1397.579	1713.846	1796.573
58.5	826.541	1011.762	1396.115	1691.883	1782.664
59.0	807.506	991.996	1397.579	1671.384	1765.093
59.5	787.740	971.497	1399.775	1653.082	1743.130
60.0	768.705	950.998	1400.507	1636.976	1720.435
60.5	748.938	929.767	1399.043	1622.334	1704.329
61.0	729.904	909.268	1397.579	1610.620	1688.223
61.5	710.137	888.037	1394.651	1598.906	1666.260
62.0	691.102	867.539	1385.865	1582.800	1647.225
62.5	671.336	846.308	1371.955	1565.230	1628.923
63.0	651.569	825.077	1354.385	1548.392	1609.888
63.5	633.267	805.310	1332.422	1536.678	1591.585
64.0	613.500	784.811	1307.531	1524.964	1571.087
64.5	594.465	764.312	1283.371	1507.394	1548.392
65.0	574.699	744.546	1257.748	1486.163	1524.964
65.5	555.664	725.511	1234.321	1464.200	1503.001
66.0	536.629	706.477	1210.161	1440.773	1474.449
66.5	517.595	688.906	1189.663	1414.417	1442.969
67.0	498.560	670.604	1170.628	1388.062	1414.417
67.5	480.258	653.765	1153.790	1363.170	1389.526
68.0	461.955	637.659	1138.416	1337.547	1366.831
68.5	443.653	621.553	1123.774	1312.655	1347.064
69.0	425.350	606.911	1109.864	1287.764	1323.637
69.5	407.780	593.001	1095.222	1262.873	1298.745
70.0	390.209	579.823	1079.848	1237.249	1276.782
70.5	373.371	565.913	1062.277	1210.893	1255.552
71.0	356.533	553.468	1044.707	1187.466	1232.856
71.5	339.694	539.558	1025.672	1167.700	1211.626
72.0	323.588	526.380	1005.173	1149.397	1190.395
72.5	308.214	512.470	983.942	1129.630	1169.164
73.0	292.840	498.560	961.247	1106.935	1142.808
73.5	277.466	484.650	937.820	1086.436	1113.524
74.0	262.824	470.008	913.661	1066.670	1080.580
74.5	248.914	456.098	890.234	1046.903	1046.171
75.0	235.004	441.456	866.074	1025.672	1007.370
75.5	221.094	426.082	842.647	1004.441	972.229
76.0	207.916	410.708	819.220	981.014	937.088
76.5	195.471	395.334	797.257	957.587	899.751
77.0	183.025	380.692	776.758	933.428	864.610
77.5	171.311	365.318	755.527	907.072	827.273
78.0	159.598	350.676	735.028	878.520	791.400
78.5	148.616	336.034	714.530	848.504	756.259
79.0	137.635	321.392	694.763	819.952	723.315
79.5	127.385	307.482	675.728	790.668	692.567
80.0	117.136	293.572	656.694	762.848	664.747
80.5	107.619	280.394	637.659	734.296	638.391
81.0	98.101	267.217	619.357	707.941	614.232
81.5	89.316	254.771	601.054	683.049	590.073
82.0	80.531	242.325	582.752	656.694	566.645
82.5	72.478	230.612	564.449	631.070	545.415

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CANDELA TABULATION - (Cont.)

83.0	64.425	218.898	546.147	605.447	524.916
83.5	57.104	207.916	529.308	581.287	505.881
84.0	49.783	196.935	511.738	556.396	486.847
84.5	43.194	185.953	494.900	533.701	470.008
85.0	36.605	175.704	478.061	510.274	453.902
85.5	30.748	166.187	462.687	489.043	439.260
86.0	25.624	157.402	446.581	469.276	423.886
86.5	20.499	148.616	431.207	450.242	408.512
87.0	16.106	140.563	415.833	432.671	394.602
87.5	11.714	133.242	401.191	416.565	380.692
88.0	8.785	126.653	386.549	401.191	367.514
88.5	5.857	120.064	372.639	387.281	355.069
89.0	4.393	114.940	360.193	374.103	342.623
89.5	2.196	110.547	347.748	361.657	329.445
90.0	0.000	106.155	336.034	349.944	317.731
90.5	0.000	103.226	325.785	338.230	306.018
91.0	0.000	100.298	315.535	327.249	295.036
91.5	0.000	97.369	306.018	316.999	285.519
92.0	0.732	94.441	297.233	306.750	276.002
92.5	0.732	92.245	288.447	297.965	266.484
93.0	0.732	90.048	278.930	288.447	257.699
93.5	0.732	88.584	270.877	280.394	249.646
94.0	1.464	87.120	262.092	271.609	242.325
94.5	1.464	85.656	254.771	264.288	234.272
95.0	2.196	84.192	246.718	256.967	227.683
95.5	2.196	83.459	239.397	249.646	221.094
96.0	2.928	81.995	232.808	243.057	214.505
96.5	2.928	81.263	225.487	236.468	208.649
97.0	3.661	80.531	218.898	229.879	202.792
97.5	3.661	79.799	213.041	223.291	197.667
98.0	4.393	79.799	206.452	218.166	192.542
98.5	5.125	79.799	200.595	212.309	187.418
99.0	5.125	79.799	195.471	207.184	182.293
99.5	5.857	79.799	190.346	202.792	177.900
100.0	6.589	79.799	185.221	197.667	174.240
100.5	7.321	80.531	180.829	192.542	170.579
101.0	8.053	80.531	175.704	188.150	166.919
101.5	8.053	81.995	172.044	183.757	163.990
102.0	8.785	82.727	167.651	179.365	160.330
102.5	9.517	84.192	163.990	175.704	157.402
103.0	10.249	84.924	160.330	172.044	154.473
103.5	10.982	85.656	156.669	168.383	152.277
104.0	11.714	86.388	153.741	164.723	149.348
104.5	12.446	87.120	150.813	161.062	147.152
105.0	13.178	87.852	147.884	157.402	144.956
105.5	13.910	88.584	145.688	153.741	143.492
106.0	14.642	89.316	143.492	150.813	141.295
106.5	15.374	90.048	142.027	147.884	139.831
107.0	16.106	90.780	140.563	144.956	137.635
107.5	16.838	90.780	139.099	142.027	136.171
108.0	17.570	91.513	138.367	140.563	133.974
108.5	18.303	91.513	137.635	138.367	132.510
109.0	19.035	91.513	136.903	136.171	131.046
109.5	19.767	91.513	136.171	134.706	129.582
110.0	20.499	91.513	136.903	133.242	128.850
110.5	21.231	91.513	136.903	131.778	127.385

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CANDELA TABULATION - (Cont.)

111.0	21.963	91.513	138.367	130.314	125.921
111.5	22.695	91.513	139.099	129.582	125.189
112.0	23.427	91.513	140.563	128.118	124.457
112.5	24.159	91.513	141.295	127.385	122.993
113.0	24.891	91.513	142.027	127.385	122.261
113.5	24.891	91.513	143.492	126.653	121.529
114.0	25.624	91.513	144.224	126.653	120.797
114.5	26.356	91.513	144.956	127.385	120.064
115.0	27.088	91.513	145.688	127.385	119.332
115.5	27.820	91.513	146.420	128.118	119.332
116.0	27.820	91.513	147.152	128.850	119.332
116.5	28.552	91.513	147.152	129.582	120.064
117.0	29.284	91.513	147.884	130.314	120.064
117.5	30.016	91.513	147.884	131.046	120.797
118.0	30.748	91.513	147.152	132.510	121.529
118.5	30.748	91.513	147.152	133.242	122.261
119.0	31.480	90.780	146.420	134.706	123.725
119.5	32.212	90.780	145.688	136.171	124.457
120.0	32.212	90.780	144.224	136.903	125.921
120.5	32.945	90.048	143.492	138.367	127.385
121.0	32.945	90.048	142.027	139.099	128.850
121.5	33.677	90.048	139.831	139.831	130.314
122.0	33.677	89.316	138.367	141.295	131.778
122.5	34.409	88.584	136.171	141.295	132.510
123.0	34.409	88.584	134.706	142.027	133.974
123.5	35.141	87.852	132.510	142.760	134.706
124.0	35.141	87.852	130.314	143.492	135.439
124.5	35.873	87.120	128.850	143.492	136.171
125.0	35.873	86.388	126.653	143.492	136.171
125.5	35.873	86.388	125.189	142.760	136.903
126.0	36.605	85.656	122.993	142.027	136.903
126.5	36.605	84.924	121.529	141.295	136.903
127.0	36.605	84.192	120.064	139.831	136.903
127.5	37.337	83.459	118.600	138.367	136.171
128.0	37.337	82.727	117.136	136.171	135.439
128.5	37.337	81.995	115.672	134.706	133.974
129.0	37.337	81.263	114.940	132.510	132.510
129.5	37.337	80.531	113.476	130.314	131.046
130.0	38.069	79.799	112.011	128.118	129.582
130.5	38.069	79.067	110.547	125.921	127.385
131.0	38.069	78.335	109.815	123.725	125.921
131.5	38.069	76.871	108.351	121.529	124.457
132.0	38.069	76.138	106.887	119.332	122.261
132.5	38.069	75.406	105.422	117.868	120.064
133.0	38.069	74.674	103.958	115.672	117.868
133.5	37.337	73.942	103.226	114.208	116.404
134.0	37.337	73.210	101.762	112.011	114.940
134.5	37.337	71.746	100.298	110.547	112.743
135.0	37.337	71.014	98.834	108.351	111.279
135.5	37.337	70.282	97.369	106.887	109.815
136.0	37.337	68.817	95.905	105.422	107.619
136.5	37.337	68.085	95.173	103.958	106.155
137.0	36.605	66.621	93.709	102.494	104.690
137.5	36.605	65.889	92.245	101.030	103.226
138.0	35.873	64.425	90.780	99.566	101.762
138.5	35.873	62.961	90.048	98.101	100.298

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CANDELA TABULATION - (Cont.)

139.0	35.141	62.229	88.584	96.637	98.834
139.5	35.141	60.764	87.120	95.173	97.369
140.0	34.409	60.032	85.656	93.709	95.905
140.5	33.677	58.568	84.192	92.977	94.441
141.0	33.677	57.836	82.727	91.513	92.977
141.5	32.945	57.104	81.263	90.780	92.245
142.0	32.212	55.640	79.799	89.316	90.780
142.5	32.212	54.908	78.335	88.584	89.316
143.0	31.480	53.443	76.871	87.852	88.584
143.5	30.748	52.711	75.406	86.388	87.852
144.0	30.748	51.979	74.674	84.924	87.120
144.5	30.016	50.515	73.210	84.192	86.388
145.0	29.284	49.783	71.746	82.727	85.656
145.5	29.284	49.051	70.282	81.995	84.192
146.0	28.552	47.587	69.550	80.531	83.459
146.5	28.552	46.854	68.085	79.067	82.727
147.0	27.820	46.122	66.621	78.335	81.263
147.5	27.088	45.390	65.889	76.871	80.531
148.0	27.088	43.926	64.425	75.406	79.067
148.5	26.356	43.194	63.693	74.674	77.603
149.0	26.356	42.462	62.229	73.210	76.871
149.5	25.624	41.730	61.496	71.746	75.406
150.0	25.624	40.998	60.032	71.014	73.942
150.5	25.624	40.266	58.568	69.550	73.210
151.0	24.891	39.533	57.836	68.085	71.746
151.5	24.891	38.801	56.372	66.621	70.282
152.0	24.159	38.069	55.640	65.889	69.550
152.5	24.159	36.605	54.175	64.425	68.085
153.0	23.427	35.873	53.443	62.961	66.621
153.5	23.427	35.141	51.979	62.229	65.889
154.0	23.427	34.409	51.247	60.764	64.425
154.5	22.695	33.677	49.783	59.300	62.961
155.0	22.695	32.945	49.051	57.836	61.496
155.5	22.695	31.480	47.587	57.104	60.764
156.0	21.963	30.748	46.854	55.640	59.300
156.5	21.963	30.016	45.390	54.175	57.836
157.0	21.963	29.284	44.658	53.443	56.372
157.5	21.963	28.552	43.194	51.979	55.640
158.0	21.963	28.552	42.462	50.515	54.175
158.5	21.231	27.820	40.998	49.783	52.711
159.0	21.231	27.088	40.266	48.319	51.247
159.5	21.231	26.356	39.533	47.587	50.515
160.0	21.231	25.624	38.069	46.122	49.051
160.5	21.231	25.624	37.337	45.390	47.587
161.0	21.231	25.624	36.605	43.926	46.854
161.5	21.231	25.624	35.141	42.462	45.390
162.0	21.231	26.356	34.409	41.730	43.926
162.5	21.231	27.088	33.677	40.266	43.194
163.0	21.231	28.552	32.945	39.533	41.730
163.5	21.963	28.552	32.212	38.069	40.998
164.0	21.963	28.552	30.748	37.337	39.533
164.5	21.963	27.820	30.016	36.605	38.801
165.0	21.963	27.820	29.284	35.141	37.337
165.5	22.695	27.088	28.552	34.409	35.873
166.0	22.695	26.356	27.088	33.677	35.141
166.5	22.695	26.356	26.356	32.945	34.409

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CANDELA TABULATION - (Cont.)

167.0	22.695	26.356	25.624	31.480	32.945
167.5	23.427	25.624	24.891	30.748	32.212
168.0	23.427	25.624	24.159	30.016	31.480
168.5	23.427	25.624	23.427	29.284	30.748
169.0	23.427	25.624	23.427	29.284	30.016
169.5	24.159	24.891	23.427	28.552	29.284
170.0	24.159	24.891	24.891	27.820	28.552
170.5	24.159	24.891	26.356	27.088	27.820
171.0	24.159	24.159	27.088	26.356	27.088
171.5	24.159	24.159	27.088	25.624	27.088
172.0	24.891	24.159	26.356	26.356	26.356
172.5	24.891	23.427	25.624	28.552	26.356
173.0	24.891	23.427	25.624	29.284	30.016
173.5	24.891	23.427	24.891	30.016	32.212
174.0	24.891	23.427	24.159	29.284	32.945
174.5	24.891	23.427	24.159	28.552	32.212
175.0	24.891	23.427	23.427	27.820	32.212
175.5	25.624	24.159	23.427	27.088	30.016
176.0	25.624	24.159	22.695	25.624	29.284
176.5	24.891	24.159	22.695	24.159	27.820
177.0	24.891	24.159	21.963	22.695	25.624
177.5	24.159	24.159	21.963	21.963	24.891
178.0	24.159	23.427	21.963	21.963	23.427
178.5	23.427	23.427	21.963	21.963	22.695
179.0	22.695	22.695	21.963	21.963	21.963
179.5	22.695	22.695	21.963	21.963	21.963
180.0	21.963	21.963	21.963	21.963	21.963

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	961.58	N.A.	10.70
0-30	2045.59	N.A.	22.90
0-40	3350.09	N.A.	37.50
0-60	5981.82	N.A.	66.90
0-80	7876.26	N.A.	88.10
0-90	8271.5	N.A.	92.50
10-90	8023.28	N.A.	89.70
20-40	2388.51	N.A.	26.70
20-50	3722.41	N.A.	41.60
40-70	3750.26	N.A.	41.90
60-80	1894.44	N.A.	21.20
70-80	775.92	N.A.	8.70
80-90	395.24	N.A.	4.40
90-110	323.23	N.A.	3.60
90-120	432.43	N.A.	4.80
90-130	530.67	N.A.	5.90
90-150	640.81	N.A.	7.20
90-180	673.45	N.A.	7.50
110-180	350.22	N.A.	3.90
0-180	8944.95	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	248.22
10-20	713.36
20-30	1084.01
30-40	1304.49
40-50	1333.9
50-60	1297.83
60-70	1118.52
70-80	775.92
80-90	395.24
90-100	196.21
100-110	127.02
110-120	109.20
120-130	98.24
130-140	68.69
140-150	41.44
150-160	21.38
160-170	8.82
170-180	2.44

IES INDOOR REPORT
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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

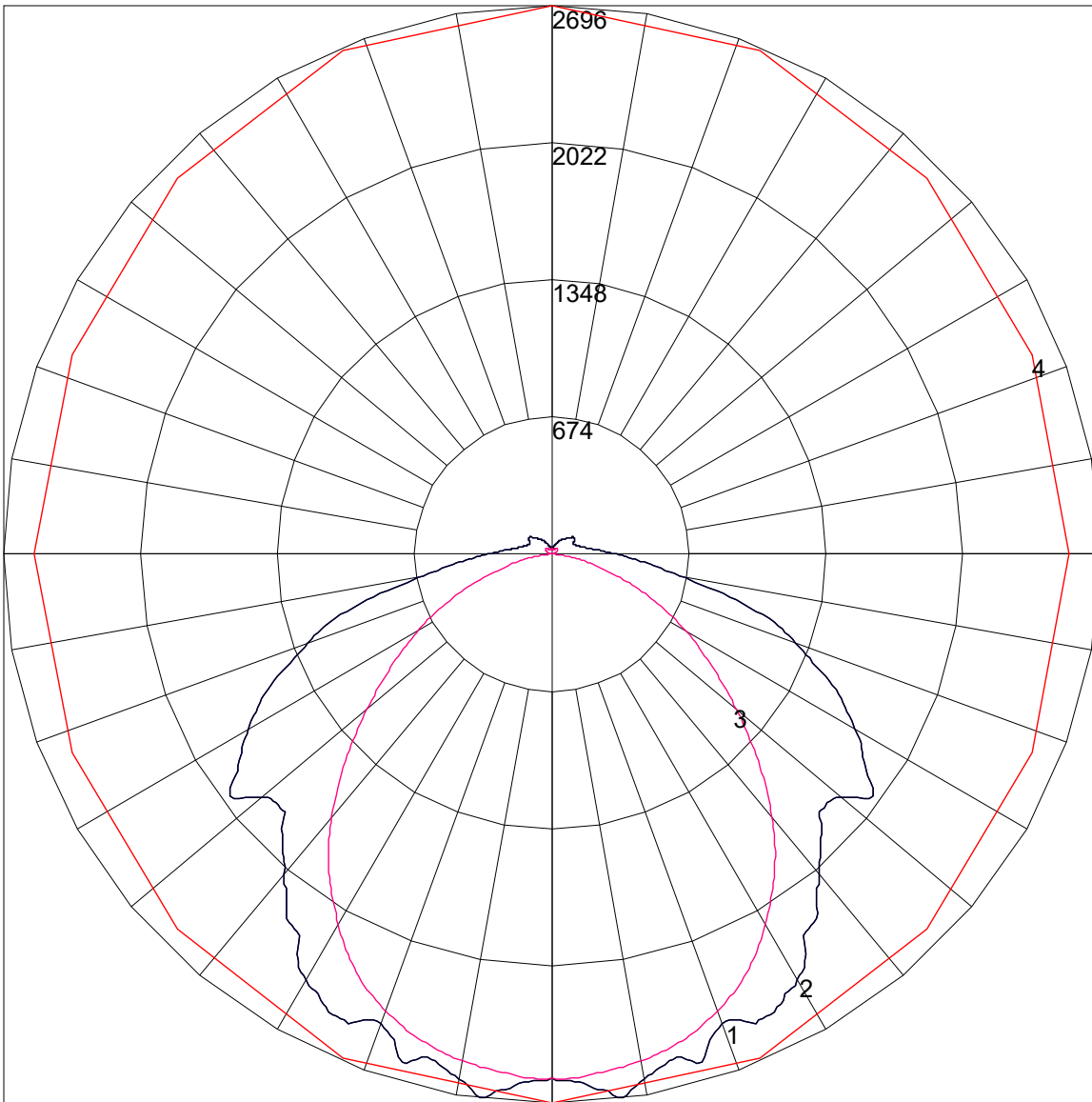
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UGR TABLE - CORRECTED

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	22.9	24.4	23.4	24.9	25.4	27.4	28.9	27.9	29.4	29.9
	3H	24.0	25.4	24.5	25.9	26.4	29.8	31.2	30.3	31.6	32.2
	4H	24.3	25.6	24.8	26.1	26.7	30.8	32.1	31.3	32.6	33.2
	6H	24.5	25.7	25.0	26.2	26.8	31.6	32.9	32.2	33.4	34.0
	8H	24.5	25.7	25.0	26.2	26.8	32.0	33.1	32.5	33.7	34.3
	12H	24.5	25.6	25.0	26.1	26.7	32.3	33.4	32.8	33.9	34.5
4H	2H	24.6	25.9	25.1	26.4	26.9	27.8	29.1	28.3	29.6	30.2
	3H	26.0	27.1	26.5	27.6	28.2	30.4	31.5	31.0	32.1	32.7
	4H	26.4	27.4	26.9	27.9	28.5	31.7	32.7	32.2	33.2	33.9
	6H	26.6	27.5	27.2	28.1	28.7	32.7	33.6	33.2	34.2	34.8
	8H	26.6	27.5	27.2	28.0	28.7	33.1	33.9	33.7	34.5	35.2
	12H	26.6	27.4	27.2	28.0	28.7	33.5	34.2	34.1	34.9	35.5
8H	4H	27.5	28.3	28.1	28.9	29.6	31.9	32.7	32.5	33.3	33.9
	6H	27.9	28.6	28.5	29.3	29.9	33.0	33.8	33.7	34.4	35.0
	8H	28.0	28.7	28.7	29.3	30.0	33.6	34.2	34.2	34.9	35.5
	12H	28.1	28.7	28.7	29.3	30.0	34.1	34.7	34.8	35.3	36.0
12H	4H	27.8	28.5	28.4	29.1	29.8	31.9	32.6	32.5	33.2	33.9
	6H	28.4	29.0	29.0	29.6	30.3	33.1	33.7	33.7	34.3	35.0
	8H	28.6	29.1	29.2	29.7	30.5	33.7	34.3	34.3	34.9	35.6

Maximum UGR = 36.0

POLAR GRAPH



- Maximum Candela = 2695.592 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.)