



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

**DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
 [TEST] LLIA001669-018\_modified to 2ft length  
 [TESTLAB] LightLab International Allentown, LLC  
 [ISSUE DATE] 4/5/2022  
 [MANUFAC] Lux Dynamics  
 [LUMCAT] BASE-2-835-U10-SM-CA  
 [LUMINAIRE] BASE 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	6190
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	155
Total Luminaire Watts	39.91
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	37097	38799	38401
55	30305	35908	43627
65	23953	37198	41277
75	15243	33462	34474
85	5744	27849	22024

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

**CANDELA TABULATION**

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
<b>0.0</b>	1782.219	1782.219	1782.219	1782.219	1782.219
<b>0.5</b>	1785.765	1785.765	1786.272	1787.285	1787.791
<b>1.0</b>	1786.272	1786.778	1788.805	1789.818	1790.831
<b>1.5</b>	1783.739	1785.258	1786.272	1787.285	1788.805
<b>2.0</b>	1782.725	1785.258	1784.752	1788.805	1792.351
<b>2.5</b>	1782.219	1785.258	1785.258	1792.857	1795.897
<b>3.0</b>	1780.699	1782.725	1787.285	1793.871	1797.417
<b>3.5</b>	1778.673	1779.179	1788.298	1793.871	1799.443
<b>4.0</b>	1776.646	1776.646	1787.285	1798.937	1810.588
<b>4.5</b>	1773.607	1775.633	1786.778	1810.588	1821.734
<b>5.0</b>	1770.567	1775.126	1786.272	1818.694	1826.800
<b>5.5</b>	1768.541	1776.140	1792.857	1820.214	1828.826
<b>6.0</b>	1767.021	1775.633	1800.456	1821.227	1836.425
<b>6.5</b>	1765.501	1774.113	1803.496	1828.319	1851.116
<b>7.0</b>	1763.981	1771.580	1803.496	1842.504	1862.768
<b>7.5</b>	1761.448	1768.034	1804.003	1853.143	1865.301
<b>8.0</b>	1759.422	1764.994	1804.509	1856.689	1856.182
<b>8.5</b>	1756.889	1761.448	1810.082	1850.103	1840.984
<b>9.0</b>	1754.356	1758.409	1819.707	1836.932	1827.813
<b>9.5</b>	1751.823	1757.902	1827.306	1824.267	1817.174
<b>10.0</b>	1748.783	1758.409	1831.359	1813.121	1810.082
<b>10.5</b>	1745.744	1760.942	1830.346	1803.496	1802.483
<b>11.0</b>	1743.211	1761.448	1823.760	1795.897	1797.923
<b>11.5</b>	1739.158	1760.942	1813.121	1789.311	1790.324
<b>12.0</b>	1736.118	1758.409	1800.963	1783.232	1783.232
<b>12.5</b>	1733.079	1754.356	1790.324	1776.140	1776.646
<b>13.0</b>	1729.026	1749.796	1781.206	1769.047	1769.554
<b>13.5</b>	1724.973	1746.250	1771.580	1761.955	1764.488
<b>14.0</b>	1720.414	1743.211	1763.475	1753.849	1760.942
<b>14.5</b>	1715.854	1741.184	1754.862	1748.277	1764.994
<b>15.0</b>	1711.295	1740.171	1745.744	1743.211	1777.153
<b>15.5</b>	1706.735	1739.664	1738.145	1743.211	1787.791
<b>16.0</b>	1701.669	1739.158	1729.026	1751.316	1798.937
<b>16.5</b>	1696.097	1738.145	1720.920	1760.942	1799.443
<b>17.0</b>	1691.031	1735.612	1712.308	1770.567	1785.765
<b>17.5</b>	1684.445	1731.559	1701.669	1777.153	1760.942
<b>18.0</b>	1677.859	1725.986	1692.551	1772.087	1736.625
<b>18.5</b>	1671.780	1718.387	1684.445	1755.369	1725.480
<b>19.0</b>	1665.701	1710.282	1676.846	1730.546	1714.841
<b>19.5</b>	1659.115	1701.669	1668.740	1709.775	1706.735
<b>20.0</b>	1652.023	1693.057	1663.674	1696.603	1698.123
<b>20.5</b>	1644.930	1684.445	1663.168	1685.965	1694.070
<b>21.0</b>	1637.838	1675.833	1665.701	1676.846	1695.590
<b>21.5</b>	1630.745	1666.207	1670.767	1670.260	1701.163
<b>22.0</b>	1622.640	1656.582	1675.833	1663.674	1707.242
<b>22.5</b>	1615.041	1645.943	1678.872	1662.155	1717.374
<b>23.0</b>	1606.429	1635.811	1674.313	1663.674	1732.065
<b>23.5</b>	1597.310	1624.160	1659.115	1667.221	1740.678
<b>24.0</b>	1588.698	1613.014	1640.371	1672.793	1735.105
<b>24.5</b>	1579.579	1600.349	1621.120	1685.965	1734.598
<b>25.0</b>	1569.953	1589.204	1601.869	1696.097	1733.079
<b>25.5</b>	1559.821	1576.539	1584.645	1694.577	1732.065
<b>26.0</b>	1549.183	1564.887	1570.967	1692.044	1730.546
<b>26.5</b>	1538.544	1553.236	1556.782	1690.524	1721.427

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

**CANDELA TABULATION - (Cont.)**

27.0	1526.892	1540.571	1547.156	1685.965	1715.348
27.5	1515.747	1527.399	1539.557	1681.405	1707.242
28.0	1504.095	1513.721	1531.958	1675.326	1693.564
28.5	1491.430	1499.536	1525.373	1668.234	1687.991
29.0	1479.272	1484.845	1518.787	1661.648	1687.991
29.5	1466.607	1470.153	1512.708	1655.062	1682.925
30.0	1452.929	1454.955	1508.655	1642.397	1671.780
30.5	1440.264	1440.770	1510.175	1636.825	1663.168
31.0	1426.586	1425.572	1514.227	1635.811	1658.102
31.5	1413.921	1411.388	1513.721	1629.732	1646.957
32.0	1401.256	1397.203	1511.188	1620.107	1628.719
32.5	1387.577	1383.018	1508.655	1613.014	1609.975
33.0	1374.406	1369.846	1505.615	1606.935	1581.099
33.5	1361.741	1357.181	1500.043	1597.310	1555.262
34.0	1349.076	1345.530	1490.924	1584.645	1547.156
34.5	1334.891	1335.398	1477.752	1567.927	1545.637
35.0	1321.719	1326.785	1462.048	1545.130	1541.077
35.5	1307.535	1319.693	1447.863	1518.280	1538.038
36.0	1293.350	1311.587	1436.211	1501.056	1532.972
36.5	1278.658	1302.975	1427.092	1493.963	1520.307
37.0	1263.460	1293.350	1417.973	1485.858	1501.056
37.5	1247.756	1283.218	1410.881	1479.272	1481.805
38.0	1231.545	1272.073	1404.802	1475.219	1463.061
38.5	1215.840	1261.434	1397.709	1470.153	1451.409
39.0	1198.616	1249.782	1389.097	1458.501	1445.330
39.5	1181.898	1238.130	1379.978	1443.303	1434.185
40.0	1165.180	1224.959	1371.873	1425.572	1416.960
40.5	1148.462	1212.294	1363.767	1409.868	1399.229
41.0	1131.744	1199.122	1354.142	1398.216	1387.577
41.5	1115.027	1184.937	1342.997	1390.110	1377.445
42.0	1098.309	1170.753	1333.371	1379.978	1368.327
42.5	1080.578	1155.555	1320.200	1365.287	1356.168
43.0	1063.860	1140.357	1304.495	1347.556	1342.490
43.5	1047.142	1124.145	1287.777	1333.371	1329.318
44.0	1029.918	1107.934	1273.086	1320.200	1320.706
44.5	1011.680	1092.230	1259.408	1307.535	1311.081
45.0	993.949	1077.032	1245.223	1292.337	1297.403
45.5	976.218	1063.353	1233.064	1277.645	1277.645
46.0	957.981	1049.675	1221.413	1266.500	1263.967
46.5	940.250	1035.997	1210.774	1257.888	1263.460
47.0	922.519	1021.306	1199.122	1249.276	1267.513
47.5	905.294	1006.614	1188.484	1237.117	1263.460
48.0	887.563	991.416	1178.352	1220.906	1262.447
48.5	870.845	976.725	1168.220	1206.721	1265.993
49.0	853.621	961.527	1155.048	1199.629	1269.033
49.5	837.410	947.342	1141.876	1198.616	1272.073
50.0	821.199	932.651	1128.705	1196.589	1282.711
50.5	804.481	917.453	1115.027	1193.550	1298.922
51.0	788.776	902.255	1103.375	1194.563	1313.614
51.5	772.565	887.563	1091.216	1200.642	1331.345
52.0	756.860	873.378	1079.058	1207.734	1348.063
52.5	741.662	859.194	1067.913	1214.827	1362.247
53.0	726.971	845.515	1057.274	1225.465	1369.340
53.5	711.266	831.331	1045.622	1237.117	1363.261
54.0	696.575	817.146	1032.957	1247.756	1351.609
54.5	682.390	803.974	1021.306	1254.342	1334.384

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

**CANDELA TABULATION - (Cont.)**

55.0	667.699	790.803	1011.680	1257.381	1314.627
55.5	654.021	778.138	1003.068	1257.888	1298.922
56.0	639.836	765.979	994.456	1250.795	1286.764
56.5	626.158	753.821	985.844	1237.117	1274.606
57.0	612.479	740.649	977.231	1219.893	1262.954
57.5	598.801	727.984	971.152	1203.175	1251.809
58.0	585.630	714.306	967.099	1185.951	1243.196
58.5	571.951	700.121	966.086	1170.753	1233.571
59.0	558.780	686.443	967.099	1156.568	1221.413
59.5	545.102	672.258	968.619	1143.903	1206.215
60.0	531.930	658.073	969.126	1132.758	1190.510
60.5	518.252	643.382	968.113	1122.626	1179.365
61.0	505.080	629.197	967.099	1114.520	1168.220
61.5	491.402	614.506	965.073	1106.414	1153.022
62.0	478.230	600.321	958.994	1095.269	1139.850
62.5	464.552	585.630	949.368	1083.111	1127.185
63.0	450.874	570.938	937.210	1071.459	1114.013
63.5	438.209	557.260	922.012	1063.353	1101.348
64.0	424.531	543.075	904.788	1055.248	1087.164
64.5	411.359	528.890	888.070	1043.089	1071.459
65.0	397.681	515.212	870.339	1028.398	1055.248
65.5	384.509	502.041	854.128	1013.200	1040.050
66.0	371.338	488.869	837.410	996.989	1020.292
66.5	358.166	476.711	823.225	978.751	998.509
67.0	344.995	464.046	810.053	960.514	978.751
67.5	332.330	452.394	798.402	943.289	961.527
68.0	319.665	441.249	787.763	925.558	945.822
68.5	307.000	430.103	777.631	908.334	932.144
69.0	294.335	419.971	768.006	891.109	915.933
69.5	282.176	410.346	757.874	873.885	898.708
70.0	270.018	401.227	747.235	856.154	883.510
70.5	258.366	391.602	735.077	837.916	868.819
71.0	246.714	382.990	722.918	821.705	853.114
71.5	235.062	373.364	709.747	808.027	838.423
72.0	223.917	364.245	695.562	795.362	823.732
72.5	213.279	354.620	680.870	781.684	809.040
73.0	202.640	344.995	665.166	765.979	790.803
73.5	192.001	335.369	648.955	751.794	770.539
74.0	181.869	325.237	632.237	738.116	747.742
74.5	172.244	315.612	616.026	724.438	723.931
75.0	162.619	305.480	599.308	709.747	697.082
75.5	152.993	294.841	583.097	695.055	672.765
76.0	143.874	284.203	566.885	678.844	648.448
76.5	135.262	273.564	551.687	662.633	622.611
77.0	126.650	263.432	537.503	645.915	598.295
77.5	118.544	252.793	522.811	627.677	572.458
78.0	110.439	242.661	508.626	607.920	547.635
78.5	102.840	232.529	494.442	587.149	523.318
79.0	95.241	222.397	480.763	567.392	500.521
79.5	88.148	212.772	467.592	547.128	479.244
80.0	81.056	203.147	454.420	527.877	459.993
80.5	74.470	194.028	441.249	508.120	441.755
81.0	67.884	184.909	428.584	489.882	425.037
81.5	61.805	176.297	415.919	472.658	408.320
82.0	55.726	167.685	403.254	454.420	392.108
82.5	50.153	159.579	390.589	436.689	377.417

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

**CANDELA TABULATION - (Cont.)**

83.0	44.581	151.473	377.924	418.958	363.232
83.5	39.515	143.874	366.272	402.240	350.061
84.0	34.449	136.275	354.113	385.016	336.889
84.5	29.889	128.676	342.462	369.311	325.237
85.0	25.330	121.584	330.810	353.100	314.092
85.5	21.277	114.998	320.171	338.409	303.960
86.0	17.731	108.919	309.026	324.731	293.321
86.5	14.185	102.840	298.387	311.559	282.683
87.0	11.145	97.267	287.749	299.401	273.057
87.5	8.106	92.201	277.617	288.255	263.432
88.0	6.079	87.642	267.485	277.617	254.313
88.5	4.053	83.082	257.859	267.991	245.701
89.0	3.040	79.536	249.247	258.873	237.089
89.5	1.520	76.497	240.635	250.260	227.970
90.0	0.000	73.457	232.529	242.155	219.864
90.5	0.000	71.431	225.437	234.049	211.759
91.0	0.000	69.404	218.345	226.450	204.160
91.5	0.000	67.378	211.759	219.358	197.574
92.0	0.507	65.351	205.680	212.265	190.988
92.5	0.507	63.832	199.600	206.186	184.402
93.0	0.507	62.312	193.015	199.600	178.323
93.5	0.507	61.299	187.442	194.028	172.751
94.0	1.013	60.285	181.363	187.949	167.685
94.5	1.013	59.272	176.297	182.883	162.112
95.0	1.520	58.259	170.724	177.817	157.553
95.5	1.520	57.752	165.658	172.751	152.993
96.0	2.026	56.739	161.099	168.191	148.434
96.5	2.026	56.233	156.033	163.632	144.381
97.0	2.533	55.726	151.473	159.072	140.328
97.5	2.533	55.219	147.421	154.513	136.782
98.0	3.040	55.219	142.861	150.967	133.236
98.5	3.546	55.219	138.808	146.914	129.690
99.0	3.546	55.219	135.262	143.368	126.143
99.5	4.053	55.219	131.716	140.328	123.104
100.0	4.559	55.219	128.170	136.782	120.571
100.5	5.066	55.726	125.130	133.236	118.038
101.0	5.573	55.726	121.584	130.196	115.505
101.5	5.573	56.739	119.051	127.157	113.478
102.0	6.079	57.246	116.011	124.117	110.945
102.5	6.586	58.259	113.478	121.584	108.919
103.0	7.092	58.766	110.945	119.051	106.893
103.5	7.599	59.272	108.412	116.518	105.373
104.0	8.106	59.779	106.386	113.985	103.346
104.5	8.612	60.285	104.360	111.452	101.827
105.0	9.119	60.792	102.333	108.919	100.307
105.5	9.625	61.299	100.813	106.386	99.294
106.0	10.132	61.805	99.294	104.360	97.774
106.5	10.639	62.312	98.280	102.333	96.761
107.0	11.145	62.818	97.267	100.307	95.241
107.5	11.652	62.818	96.254	98.280	94.228
108.0	12.158	63.325	95.747	97.267	92.708
108.5	12.665	63.325	95.241	95.747	91.695
109.0	13.172	63.325	94.734	94.228	90.681
109.5	13.678	63.325	94.228	93.214	89.668
110.0	14.185	63.325	94.734	92.201	89.162
110.5	14.691	63.325	94.734	91.188	88.148

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

**CANDELA TABULATION - (Cont.)**

111.0	15.198	63.325	95.747	90.175	87.135
111.5	15.705	63.325	96.254	89.668	86.629
112.0	16.211	63.325	97.267	88.655	86.122
112.5	16.718	63.325	97.774	88.148	85.109
113.0	17.224	63.325	98.280	88.148	84.602
113.5	17.224	63.325	99.294	87.642	84.096
114.0	17.731	63.325	99.800	87.642	83.589
114.5	18.238	63.325	100.307	88.148	83.082
115.0	18.744	63.325	100.813	88.148	82.576
115.5	19.251	63.325	101.320	88.655	82.576
116.0	19.251	63.325	101.827	89.162	82.576
116.5	19.757	63.325	101.827	89.668	83.082
117.0	20.264	63.325	102.333	90.175	83.082
117.5	20.771	63.325	102.333	90.681	83.589
118.0	21.277	63.325	101.827	91.695	84.096
118.5	21.277	63.325	101.827	92.201	84.602
119.0	21.784	62.818	101.320	93.214	85.615
119.5	22.290	62.818	100.813	94.228	86.122
120.0	22.290	62.818	99.800	94.734	87.135
120.5	22.797	62.312	99.294	95.747	88.148
121.0	22.797	62.312	98.280	96.254	89.162
121.5	23.304	62.312	96.761	96.761	90.175
122.0	23.304	61.805	95.747	97.774	91.188
122.5	23.810	61.299	94.228	97.774	91.695
123.0	23.810	61.299	93.214	98.280	92.708
123.5	24.317	60.792	91.695	98.787	93.214
124.0	24.317	60.792	90.175	99.294	93.721
124.5	24.823	60.285	89.162	99.294	94.228
125.0	24.823	59.779	87.642	99.294	94.228
125.5	24.823	59.779	86.629	98.787	94.734
126.0	25.330	59.272	85.109	98.280	94.734
126.5	25.330	58.766	84.096	97.774	94.734
127.0	25.330	58.259	83.082	96.761	94.734
127.5	25.837	57.752	82.069	95.747	94.228
128.0	25.837	57.246	81.056	94.228	93.721
128.5	25.837	56.739	80.043	93.214	92.708
129.0	25.837	56.233	79.536	91.695	91.695
129.5	25.837	55.726	78.523	90.175	90.681
130.0	26.343	55.219	77.510	88.655	89.668
130.5	26.343	54.713	76.497	87.135	88.148
131.0	26.343	54.206	75.990	85.615	87.135
131.5	26.343	53.193	74.977	84.096	86.122
132.0	26.343	52.686	73.964	82.576	84.602
132.5	26.343	52.180	72.950	81.563	83.082
133.0	26.343	51.673	71.937	80.043	81.563
133.5	25.837	51.167	71.431	79.030	80.549
134.0	25.837	50.660	70.417	77.510	79.536
134.5	25.837	49.647	69.404	76.497	78.016
135.0	25.837	49.140	68.391	74.977	77.003
135.5	25.837	48.634	67.378	73.964	75.990
136.0	25.837	47.620	66.365	72.950	74.470
136.5	25.837	47.114	65.858	71.937	73.457
137.0	25.330	46.101	64.845	70.924	72.444
137.5	25.330	45.594	63.832	69.911	71.431
138.0	24.823	44.581	62.818	68.898	70.417
138.5	24.823	43.568	62.312	67.884	69.404

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

**CANDELA TABULATION - (Cont.)**

139.0	24.317	43.061	61.299	66.871	68.391
139.5	24.317	42.048	60.285	65.858	67.378
140.0	23.810	41.541	59.272	64.845	66.365
140.5	23.304	40.528	58.259	64.338	65.351
141.0	23.304	40.021	57.246	63.325	64.338
141.5	22.797	39.515	56.233	62.818	63.832
142.0	22.290	38.502	55.219	61.805	62.818
142.5	22.290	37.995	54.206	61.299	61.805
143.0	21.784	36.982	53.193	60.792	61.299
143.5	21.277	36.475	52.180	59.779	60.792
144.0	21.277	35.969	51.673	58.766	60.285
144.5	20.771	34.955	50.660	58.259	59.779
145.0	20.264	34.449	49.647	57.246	59.272
145.5	20.264	33.942	48.634	56.739	58.259
146.0	19.757	32.929	48.127	55.726	57.752
146.5	19.757	32.422	47.114	54.713	57.246
147.0	19.251	31.916	46.101	54.206	56.233
147.5	18.744	31.409	45.594	53.193	55.726
148.0	18.744	30.396	44.581	52.180	54.713
148.5	18.238	29.889	44.074	51.673	53.700
149.0	18.238	29.383	43.061	50.660	53.193
149.5	17.731	28.876	42.554	49.647	52.180
150.0	17.731	28.370	41.541	49.140	51.167
150.5	17.731	27.863	40.528	48.127	50.660
151.0	17.224	27.356	40.021	47.114	49.647
151.5	17.224	26.850	39.008	46.101	48.634
152.0	16.718	26.343	38.502	45.594	48.127
152.5	16.718	25.330	37.488	44.581	47.114
153.0	16.211	24.823	36.982	43.568	46.101
153.5	16.211	24.317	35.969	43.061	45.594
154.0	16.211	23.810	35.462	42.048	44.581
154.5	15.705	23.304	34.449	41.035	43.568
155.0	15.705	22.797	33.942	40.021	42.554
155.5	15.705	21.784	32.929	39.515	42.048
156.0	15.198	21.277	32.422	38.502	41.035
156.5	15.198	20.771	31.409	37.488	40.021
157.0	15.198	20.264	30.903	36.982	39.008
157.5	15.198	19.757	29.889	35.969	38.502
158.0	15.198	19.757	29.383	34.955	37.488
158.5	14.691	19.251	28.370	34.449	36.475
159.0	14.691	18.744	27.863	33.436	35.462
159.5	14.691	18.238	27.356	32.929	34.955
160.0	14.691	17.731	26.343	31.916	33.942
160.5	14.691	17.731	25.837	31.409	32.929
161.0	14.691	17.731	25.330	30.396	32.422
161.5	14.691	17.731	24.317	29.383	31.409
162.0	14.691	18.238	23.810	28.876	30.396
162.5	14.691	18.744	23.304	27.863	29.889
163.0	14.691	19.757	22.797	27.356	28.876
163.5	15.198	19.757	22.290	26.343	28.370
164.0	15.198	19.757	21.277	25.837	27.356
164.5	15.198	19.251	20.771	25.330	26.850
165.0	15.198	19.251	20.264	24.317	25.837
165.5	15.705	18.744	19.757	23.810	24.823
166.0	15.705	18.238	18.744	23.304	24.317
166.5	15.705	18.238	18.238	22.797	23.810

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

**CANDELA TABULATION - (Cont.)**

167.0	15.705	18.238	17.731	21.784	22.797
167.5	16.211	17.731	17.224	21.277	22.290
168.0	16.211	17.731	16.718	20.771	21.784
168.5	16.211	17.731	16.211	20.264	21.277
169.0	16.211	17.731	16.211	20.264	20.771
169.5	16.718	17.224	16.211	19.757	20.264
170.0	16.718	17.224	17.224	19.251	19.757
170.5	16.718	17.224	18.238	18.744	19.251
171.0	16.718	16.718	18.744	18.238	18.744
171.5	16.718	16.718	18.744	17.731	18.744
172.0	17.224	16.718	18.238	18.238	18.238
172.5	17.224	16.211	17.731	19.757	18.238
173.0	17.224	16.211	17.731	20.264	20.771
173.5	17.224	16.211	17.224	20.771	22.290
174.0	17.224	16.211	16.718	20.264	22.797
174.5	17.224	16.211	16.718	19.757	22.290
175.0	17.224	16.211	16.211	19.251	22.290
175.5	17.731	16.718	16.211	18.744	20.771
176.0	17.731	16.718	15.705	17.731	20.264
176.5	17.224	16.718	15.705	16.718	19.251
177.0	17.224	16.718	15.198	15.705	17.731
177.5	16.718	16.718	15.198	15.198	17.224
178.0	16.718	16.211	15.198	15.198	16.211
178.5	16.211	16.211	15.198	15.198	15.705
179.0	15.705	15.705	15.198	15.198	15.198
179.5	15.705	15.705	15.198	15.198	15.198
180.0	15.198	15.198	15.198	15.198	15.198



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

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	665.40	N.A.	10.80
0-30	1415.51	N.A.	22.90
0-40	2318.2	N.A.	37.50
0-60	4139.31	N.A.	66.90
0-80	5450.23	N.A.	88.10
0-90	5723.73	N.A.	92.50
10-90	5551.96	N.A.	89.70
20-40	1652.8	N.A.	26.70
20-50	2575.84	N.A.	41.60
40-70	2595.11	N.A.	41.90
60-80	1310.92	N.A.	21.20
70-80	536.92	N.A.	8.70
80-90	273.50	N.A.	4.40
90-110	223.67	N.A.	3.60
90-120	299.23	N.A.	4.80
90-130	367.21	N.A.	5.90
90-150	443.43	N.A.	7.20
90-180	466.02	N.A.	7.50
110-180	242.35	N.A.	3.90
0-180	6189.74	N.A.	100.00

Total Luminaire Efficiency = N.A.%

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	171.76
10-20	493.63
20-30	750.12
30-40	902.69
40-50	923.03
50-60	898.08
60-70	774.00
70-80	536.92
80-90	273.50
90-100	135.77
100-110	87.90
110-120	75.57
120-130	67.98
130-140	47.53
140-150	28.68
150-160	14.80
160-170	6.10
170-180	1.69

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BASE-2-835-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

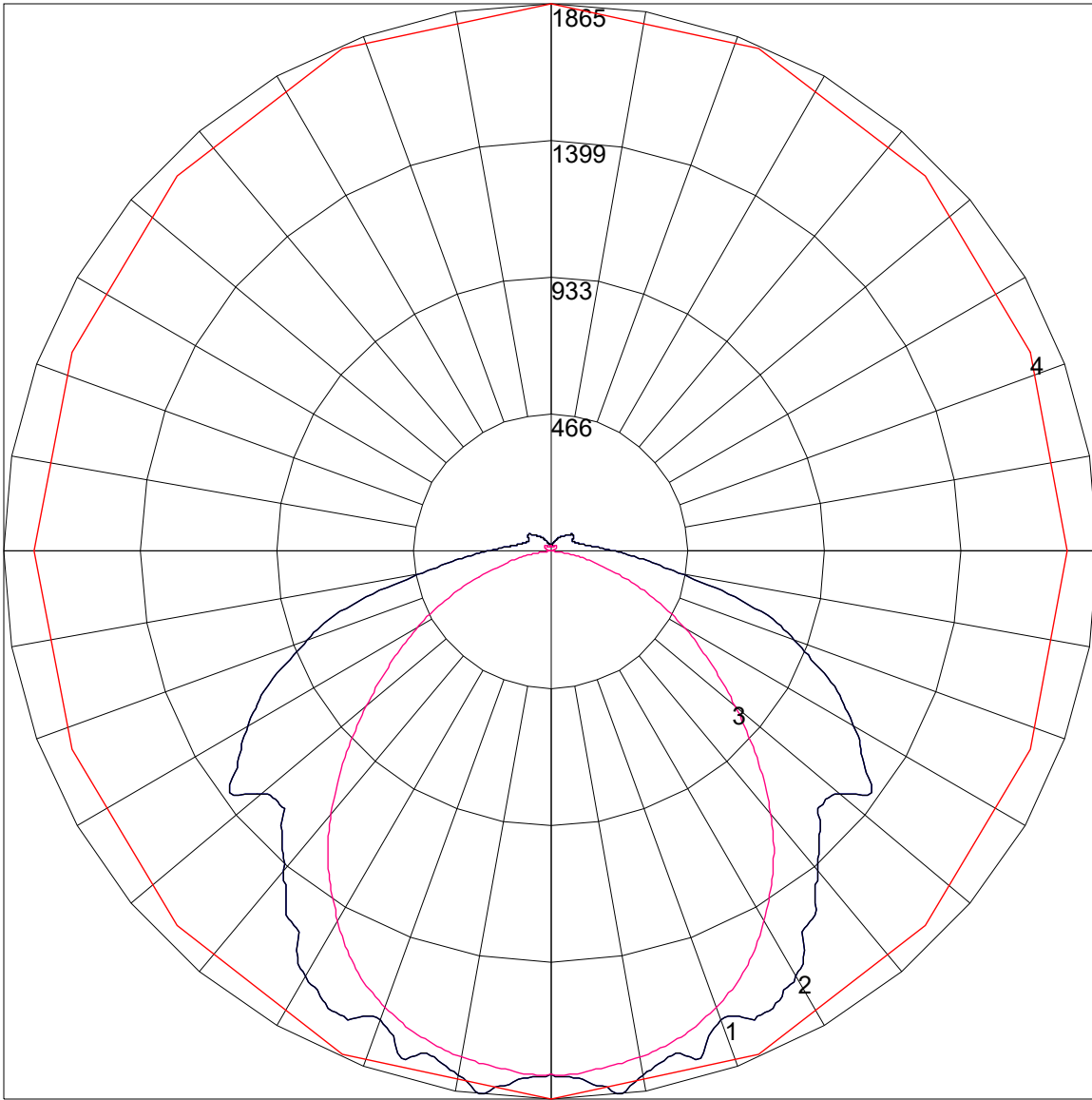
**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BASE-2-835-U10-XX-CA.IES**

**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	21.6	23.1	22.1	23.6	24.1	26.1	27.6	26.6	28.1	28.6
	3H	22.7	24.1	23.2	24.6	25.1	28.5	29.9	29.0	30.3	30.9
	4H	23.0	24.3	23.5	24.8	25.4	29.5	30.8	30.0	31.3	31.9
	6H	23.2	24.4	23.7	24.9	25.5	30.3	31.6	30.9	32.1	32.7
	8H	23.2	24.4	23.7	24.9	25.5	30.7	31.8	31.2	32.4	33.0
	12H	23.2	24.3	23.7	24.8	25.4	31.0	32.1	31.5	32.6	33.2
4H	2H	23.3	24.6	23.8	25.1	25.6	26.5	27.8	27.0	28.3	28.9
	3H	24.7	25.8	25.2	26.3	26.9	29.1	30.2	29.7	30.8	31.4
	4H	25.1	26.1	25.6	26.6	27.2	30.4	31.4	30.9	31.9	32.6
	6H	25.3	26.2	25.9	26.8	27.4	31.4	32.3	31.9	32.9	33.5
	8H	25.3	26.2	25.9	26.7	27.4	31.8	32.6	32.4	33.2	33.9
	12H	25.3	26.1	25.9	26.7	27.4	32.2	32.9	32.8	33.6	34.2
8H	4H	26.2	27.0	26.8	27.6	28.3	30.6	31.4	31.2	32.0	32.6
	6H	26.6	27.3	27.2	28.0	28.6	31.7	32.5	32.4	33.1	33.7
	8H	26.7	27.4	27.4	28.0	28.7	32.3	32.9	32.9	33.6	34.2
	12H	26.8	27.4	27.4	28.0	28.7	32.8	33.4	33.5	34.0	34.7
12H	4H	26.5	27.2	27.1	27.8	28.5	30.6	31.3	31.2	31.9	32.6
	6H	27.1	27.7	27.7	28.3	29.0	31.8	32.4	32.4	33.0	33.7
	8H	27.3	27.8	27.9	28.4	29.2	32.4	33.0	33.0	33.6	34.3

Maximum UGR = 34.7

POLAR GRAPH



Maximum Candela = 1865.301 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.)