

IES INDOOR REPORT

PHOTOMETRIC FILENAME : DIG-S14-L60-835-AD-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from 12595750.01A

[TESTLAB] UL Verification Services Inc.

[ISSUEDATE] 18 APR, 2023

[MANUFAC] WILLIAMS INDOOR

[OTHER] H.E. WILLIAMS, INC - CARTHAGE, MO 64836

[LUMINAIRE] 1x4' RECESSED LED TROFFER

[MORE] WITH FROSTED ACRYLIC LENS

[LUMCAT] DIG-S14-L60-835-AD-DIM-UNV

[LAMPCAT] HLM 80 CRI, 3500K CCT

[_SEARCH_SOURCE] LED

[_SEARCH_APPLICATION] Indoor, Architectural, Classroom, Commercial, Direct

[_SEARCH_MOUNTING] Recessed

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	6009
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	130
Total Luminaire Watts	46.3
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.22
Spacing Criterion (90-270)	1.26
Spacing Criterion (Diagonal)	1.34
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	3.92 ft
Luminous Width (90-270)	0.92 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	5752	6031	6256
55	5291	5728	5866
65	4739	5192	4910
75	3887	4128	3500
85	2352	1534	855

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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	2264.158	2264.158	2264.158	2264.158	2264.158
0.5	2264.158	2268.794	2262.612	2261.067	2268.794
1.0	2264.158	2268.794	2262.612	2261.067	2267.249
1.5	2264.158	2268.794	2261.067	2259.521	2267.249
2.0	2262.612	2267.249	2261.067	2259.521	2265.703
2.5	2262.612	2265.703	2259.521	2257.976	2264.158
3.0	2261.067	2264.158	2257.976	2256.430	2261.067
3.5	2259.521	2262.612	2256.430	2254.885	2259.521
4.0	2257.976	2261.067	2254.885	2251.794	2257.976
4.5	2254.885	2259.521	2253.339	2250.248	2254.885
5.0	2253.339	2256.430	2251.794	2248.703	2253.339
5.5	2250.248	2254.885	2248.703	2245.612	2250.248
6.0	2248.703	2251.794	2245.612	2244.066	2248.703
6.5	2245.612	2248.703	2242.521	2240.975	2245.612
7.0	2242.521	2245.612	2239.430	2237.884	2242.521
7.5	2237.884	2240.975	2236.339	2234.793	2240.975
8.0	2234.793	2236.339	2233.248	2233.248	2237.884
8.5	2230.157	2231.702	2228.611	2230.157	2234.793
9.0	2225.520	2227.066	2225.520	2227.066	2233.248
9.5	2220.884	2222.429	2220.884	2223.975	2230.157
10.0	2216.247	2217.793	2216.247	2220.884	2227.066
10.5	2210.065	2213.156	2211.611	2216.247	2223.975
11.0	2205.429	2206.974	2206.974	2213.156	2220.884
11.5	2199.247	2200.792	2202.338	2208.520	2216.247
12.0	2194.610	2196.156	2196.156	2203.883	2213.156
12.5	2188.428	2189.974	2191.519	2199.247	2208.520
13.0	2182.246	2183.792	2185.337	2193.065	2203.883
13.5	2174.519	2177.610	2179.155	2188.428	2197.701
14.0	2168.337	2171.428	2172.973	2182.246	2191.519
14.5	2162.155	2163.700	2166.791	2176.064	2185.337
15.0	2154.427	2157.518	2160.609	2168.337	2177.610
15.5	2146.700	2149.791	2152.882	2162.155	2169.882
16.0	2138.972	2142.063	2146.700	2154.427	2162.155
16.5	2131.245	2134.336	2138.972	2146.700	2154.427
17.0	2123.517	2126.608	2131.245	2138.972	2145.154
17.5	2114.244	2118.881	2123.517	2131.245	2137.427
18.0	2106.517	2109.608	2115.790	2123.517	2128.154
18.5	2097.244	2101.880	2108.062	2114.244	2120.426
19.0	2087.971	2092.607	2100.335	2106.517	2112.699
19.5	2078.698	2083.334	2091.062	2098.789	2104.971
20.0	2067.879	2074.061	2081.789	2089.516	2097.244
20.5	2058.606	2064.788	2072.516	2081.789	2087.971
21.0	2047.788	2053.970	2063.243	2072.516	2080.243
21.5	2038.515	2043.151	2053.970	2064.788	2072.516
22.0	2027.696	2033.878	2043.151	2055.515	2063.243
22.5	2016.878	2023.060	2033.878	2046.242	2053.970
23.0	2006.059	2010.696	2023.060	2036.969	2044.697
23.5	1993.695	1999.877	2012.241	2026.151	2035.424
24.0	1982.877	1987.513	2001.423	2016.878	2024.605
24.5	1970.513	1976.695	1990.604	2006.059	2013.787
25.0	1958.149	1964.331	1979.786	1995.241	2002.968
25.5	1945.785	1951.967	1967.422	1984.422	1992.150
26.0	1933.421	1941.148	1956.603	1972.058	1981.331
26.5	1921.057	1928.784	1945.785	1961.240	1970.513

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CANDELA TABULATION - (Cont.)

27.0	1907.147	1914.875	1933.421	1948.876	1958.149
27.5	1894.783	1902.511	1921.057	1938.057	1947.330
28.0	1882.419	1890.147	1908.693	1925.693	1934.966
28.5	1868.510	1876.237	1896.329	1914.875	1924.148
29.0	1854.600	1863.873	1883.965	1904.056	1913.329
29.5	1842.236	1849.964	1871.601	1891.692	1902.511
30.0	1828.327	1836.054	1859.237	1880.874	1890.147
30.5	1814.417	1823.690	1845.327	1868.510	1879.328
31.0	1800.508	1808.235	1832.963	1856.146	1868.510
31.5	1785.053	1794.326	1819.054	1845.327	1856.146
32.0	1771.143	1780.416	1806.690	1832.963	1843.782
32.5	1757.234	1766.507	1792.780	1820.599	1832.963
33.0	1741.779	1751.052	1778.871	1808.235	1820.599
33.5	1727.869	1737.142	1766.507	1794.326	1808.235
34.0	1712.414	1723.233	1752.597	1781.962	1794.326
34.5	1696.959	1707.778	1738.688	1768.052	1781.962
35.0	1681.504	1693.868	1724.778	1755.688	1768.052
35.5	1666.049	1678.413	1710.869	1741.779	1754.143
36.0	1650.594	1662.958	1696.959	1727.869	1740.233
36.5	1635.139	1649.049	1681.504	1713.960	1726.324
37.0	1618.139	1633.594	1667.595	1700.050	1712.414
37.5	1602.684	1618.139	1653.685	1686.141	1698.505
38.0	1587.229	1602.684	1639.776	1672.231	1684.595
38.5	1570.228	1587.229	1624.321	1658.322	1670.686
39.0	1554.773	1571.774	1608.866	1644.412	1655.231
39.5	1539.318	1556.319	1594.956	1628.957	1641.321
40.0	1523.399	1540.709	1579.501	1615.048	1625.866
40.5	1507.635	1525.099	1564.046	1599.593	1611.957
41.0	1491.562	1509.181	1550.137	1584.138	1596.502
41.5	1475.180	1493.262	1534.372	1570.228	1582.592
42.0	1458.952	1477.498	1518.917	1554.773	1567.137
42.5	1442.415	1461.579	1503.308	1539.936	1551.682
43.0	1426.033	1445.352	1487.698	1524.790	1537.154
43.5	1409.341	1429.278	1471.934	1509.799	1522.318
44.0	1392.341	1412.896	1456.016	1494.962	1507.326
44.5	1375.495	1396.668	1440.406	1479.971	1492.489
45.0	1358.495	1379.977	1424.487	1464.825	1477.653
45.5	1341.185	1363.131	1408.569	1449.834	1462.043
46.0	1324.030	1346.285	1392.650	1434.533	1446.588
46.5	1306.720	1329.594	1376.577	1419.233	1431.133
47.0	1289.720	1312.748	1360.504	1403.778	1415.523
47.5	1272.565	1295.902	1344.430	1388.477	1399.759
48.0	1255.564	1279.056	1328.357	1372.713	1383.532
48.5	1238.409	1262.210	1312.130	1356.794	1367.149
49.0	1221.254	1245.209	1296.211	1340.567	1350.303
49.5	1204.099	1228.363	1279.983	1324.184	1333.303
50.0	1187.099	1211.208	1263.601	1307.493	1315.530
50.5	1170.098	1194.208	1247.219	1290.802	1297.293
51.0	1152.788	1177.362	1230.682	1273.801	1279.056
51.5	1135.788	1160.671	1214.454	1256.337	1260.819
52.0	1118.787	1143.670	1197.763	1238.564	1242.427
52.5	1101.323	1126.824	1181.071	1220.018	1223.572
53.0	1083.705	1109.824	1164.380	1201.317	1204.717
53.5	1066.086	1092.514	1147.843	1182.771	1185.399
54.0	1048.622	1075.513	1131.151	1164.071	1165.616
54.5	1031.158	1058.204	1114.306	1145.679	1144.752

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55.0	1013.693	1041.203	1097.305	1126.670	1123.888
55.5	995.920	1024.203	1080.305	1107.660	1103.178
56.0	977.992	1006.893	1063.304	1088.032	1082.468
56.5	960.528	989.893	1046.304	1067.786	1061.604
57.0	943.219	972.738	1029.148	1047.385	1039.967
57.5	925.755	955.428	1011.839	1026.676	1017.557
58.0	908.290	938.273	994.529	1006.430	995.302
58.5	890.826	921.273	976.911	986.029	973.510
59.0	873.517	904.118	958.828	965.165	951.564
59.5	856.362	887.117	940.591	943.528	929.618
60.0	839.361	870.271	922.045	921.891	907.672
60.5	822.206	853.425	903.499	900.099	885.726
61.0	805.360	836.734	884.953	878.462	864.244
61.5	788.514	819.888	866.562	856.980	842.761
62.0	771.359	803.196	847.707	835.652	821.279
62.5	754.513	786.505	828.852	814.479	799.951
63.0	737.358	769.968	809.842	793.305	778.623
63.5	720.358	753.277	790.678	772.286	757.450
64.0	703.203	736.894	771.205	751.577	736.276
64.5	686.202	720.512	752.040	731.022	714.794
65.0	668.892	704.130	732.876	710.003	693.157
65.5	651.428	687.438	713.557	689.602	672.293
66.0	634.119	670.902	694.239	669.202	651.119
66.5	616.964	654.365	674.765	648.492	630.255
67.0	599.809	637.673	655.292	628.400	609.700
67.5	582.808	621.291	636.128	608.154	589.145
68.0	565.344	604.909	616.809	587.754	568.435
68.5	548.498	588.526	597.799	567.662	548.189
69.0	531.807	571.990	578.635	547.262	527.943
69.5	514.806	555.453	559.471	527.325	507.851
70.0	498.269	539.225	540.616	507.233	488.223
70.5	481.732	522.843	522.070	487.760	469.059
71.0	465.505	506.151	503.369	468.287	449.741
71.5	448.968	489.614	484.669	448.659	430.885
72.0	432.895	472.923	466.123	429.804	411.876
72.5	416.512	456.386	447.577	410.794	393.175
73.0	400.439	439.695	429.340	391.939	374.475
73.5	384.211	423.312	411.103	373.238	355.929
74.0	368.293	406.930	392.866	354.847	338.155
74.5	352.065	390.393	374.784	336.919	320.537
75.0	335.992	373.856	356.856	319.455	302.609
75.5	319.919	357.320	339.546	301.682	284.836
76.0	305.082	341.246	322.082	283.754	267.062
76.5	289.009	325.019	304.464	265.981	249.444
77.0	273.399	308.636	286.536	248.362	232.907
77.5	258.408	292.409	269.072	231.670	215.752
78.0	243.571	276.181	251.762	214.670	199.060
78.5	228.579	260.108	235.071	197.669	182.678
79.0	214.052	244.653	218.534	180.978	166.605
79.5	199.833	229.198	201.533	164.596	150.686
80.0	185.924	214.361	184.842	148.368	135.077
80.5	172.323	199.215	168.460	132.449	119.622
81.0	159.341	184.224	152.232	116.840	104.321
81.5	146.513	169.696	136.159	101.694	89.948
82.0	134.304	155.168	120.549	87.166	76.811
82.5	122.249	141.104	105.558	74.029	65.375

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CANDELA TABULATION - (Cont.)

83.0	110.658	127.040	90.875	62.593	56.256
83.5	99.376	113.285	76.811	53.783	47.911
84.0	88.712	99.685	63.984	45.592	39.874
84.5	78.357	86.393	53.320	37.710	32.301
85.0	68.466	73.566	44.665	30.137	24.883
85.5	59.038	61.202	36.628	23.183	18.701
86.0	50.074	49.920	28.746	17.464	15.300
86.5	41.574	40.492	21.482	14.064	13.137
87.0	33.846	32.456	15.455	11.900	10.973
87.5	26.583	24.883	11.128	9.737	8.964
88.0	19.937	17.928	8.809	7.882	7.264
88.5	14.064	12.209	7.109	6.646	6.027
89.0	9.891	8.346	5.873	5.409	5.100
89.5	6.955	5.564	4.637	4.482	4.173
90.0	4.327	4.173	3.555	3.400	3.246
90.5	0.000	0.000	0.000	0.000	0.000
91.0	0.000	0.000	0.000	0.000	0.000
91.5	0.000	0.000	0.000	0.000	0.000
92.0	0.000	0.000	0.000	0.000	0.000
92.5	0.000	0.000	0.000	0.000	0.000
93.0	0.000	0.000	0.000	0.000	0.000
93.5	0.000	0.000	0.000	0.000	0.000
94.0	0.000	0.000	0.000	0.000	0.000
94.5	0.000	0.000	0.000	0.000	0.000
95.0	0.000	0.000	0.000	0.000	0.000
95.5	0.000	0.000	0.000	0.000	0.000
96.0	0.000	0.000	0.000	0.000	0.000
96.5	0.000	0.000	0.000	0.000	0.000
97.0	0.000	0.000	0.000	0.000	0.000
97.5	0.000	0.000	0.000	0.000	0.000
98.0	0.000	0.000	0.000	0.000	0.000
98.5	0.000	0.000	0.000	0.000	0.000
99.0	0.000	0.000	0.000	0.000	0.000
99.5	0.000	0.000	0.000	0.000	0.000
100.0	0.000	0.000	0.000	0.000	0.000
100.5	0.000	0.000	0.000	0.000	0.000
101.0	0.000	0.000	0.000	0.000	0.000
101.5	0.000	0.000	0.000	0.000	0.000
102.0	0.000	0.000	0.000	0.000	0.000
102.5	0.000	0.000	0.000	0.000	0.000
103.0	0.000	0.000	0.000	0.000	0.000
103.5	0.000	0.000	0.000	0.000	0.000
104.0	0.000	0.000	0.000	0.000	0.000
104.5	0.000	0.000	0.000	0.000	0.000
105.0	0.000	0.000	0.000	0.000	0.000
105.5	0.000	0.000	0.000	0.000	0.000
106.0	0.000	0.000	0.000	0.000	0.000
106.5	0.000	0.000	0.000	0.000	0.000
107.0	0.000	0.000	0.000	0.000	0.000
107.5	0.000	0.000	0.000	0.000	0.000
108.0	0.000	0.000	0.000	0.000	0.000
108.5	0.000	0.000	0.000	0.000	0.000
109.0	0.000	0.000	0.000	0.000	0.000
109.5	0.000	0.000	0.000	0.000	0.000
110.0	0.000	0.000	0.000	0.000	0.000
110.5	0.000	0.000	0.000	0.000	0.000

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CANDELA TABULATION - (Cont.)

111.0	0.000	0.000	0.000	0.000	0.000
111.5	0.000	0.000	0.000	0.000	0.000
112.0	0.000	0.000	0.000	0.000	0.000
112.5	0.000	0.000	0.000	0.000	0.000
113.0	0.000	0.000	0.000	0.000	0.000
113.5	0.000	0.000	0.000	0.000	0.000
114.0	0.000	0.000	0.000	0.000	0.000
114.5	0.000	0.000	0.000	0.000	0.000
115.0	0.000	0.000	0.000	0.000	0.000
115.5	0.000	0.000	0.000	0.000	0.000
116.0	0.000	0.000	0.000	0.000	0.000
116.5	0.000	0.000	0.000	0.000	0.000
117.0	0.000	0.000	0.000	0.000	0.000
117.5	0.000	0.000	0.000	0.000	0.000
118.0	0.000	0.000	0.000	0.000	0.000
118.5	0.000	0.000	0.000	0.000	0.000
119.0	0.000	0.000	0.000	0.000	0.000
119.5	0.000	0.000	0.000	0.000	0.000
120.0	0.000	0.000	0.000	0.000	0.000
120.5	0.000	0.000	0.000	0.000	0.000
121.0	0.000	0.000	0.000	0.000	0.000
121.5	0.000	0.000	0.000	0.000	0.000
122.0	0.000	0.000	0.000	0.000	0.000
122.5	0.000	0.000	0.000	0.000	0.000
123.0	0.000	0.000	0.000	0.000	0.000
123.5	0.000	0.000	0.000	0.000	0.000
124.0	0.000	0.000	0.000	0.000	0.000
124.5	0.000	0.000	0.000	0.000	0.000
125.0	0.000	0.000	0.000	0.000	0.000
125.5	0.000	0.000	0.000	0.000	0.000
126.0	0.000	0.000	0.000	0.000	0.000
126.5	0.000	0.000	0.000	0.000	0.000
127.0	0.000	0.000	0.000	0.000	0.000
127.5	0.000	0.000	0.000	0.000	0.000
128.0	0.000	0.000	0.000	0.000	0.000
128.5	0.000	0.000	0.000	0.000	0.000
129.0	0.000	0.000	0.000	0.000	0.000
129.5	0.000	0.000	0.000	0.000	0.000
130.0	0.000	0.000	0.000	0.000	0.000
130.5	0.000	0.000	0.000	0.000	0.000
131.0	0.000	0.000	0.000	0.000	0.000
131.5	0.000	0.000	0.000	0.000	0.000
132.0	0.000	0.000	0.000	0.000	0.000
132.5	0.000	0.000	0.000	0.000	0.000
133.0	0.000	0.000	0.000	0.000	0.000
133.5	0.000	0.000	0.000	0.000	0.000
134.0	0.000	0.000	0.000	0.000	0.000
134.5	0.000	0.000	0.000	0.000	0.000
135.0	0.000	0.000	0.000	0.000	0.000
135.5	0.000	0.000	0.000	0.000	0.000
136.0	0.000	0.000	0.000	0.000	0.000
136.5	0.000	0.000	0.000	0.000	0.000
137.0	0.000	0.000	0.000	0.000	0.000
137.5	0.000	0.000	0.000	0.000	0.000
138.0	0.000	0.000	0.000	0.000	0.000
138.5	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT
PHOTOMETRIC FILENAME : DIG-S14-L60-835-AD-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

139.0	0.000	0.000	0.000	0.000	0.000
139.5	0.000	0.000	0.000	0.000	0.000
140.0	0.000	0.000	0.000	0.000	0.000
140.5	0.000	0.000	0.000	0.000	0.000
141.0	0.000	0.000	0.000	0.000	0.000
141.5	0.000	0.000	0.000	0.000	0.000
142.0	0.000	0.000	0.000	0.000	0.000
142.5	0.000	0.000	0.000	0.000	0.000
143.0	0.000	0.000	0.000	0.000	0.000
143.5	0.000	0.000	0.000	0.000	0.000
144.0	0.000	0.000	0.000	0.000	0.000
144.5	0.000	0.000	0.000	0.000	0.000
145.0	0.000	0.000	0.000	0.000	0.000
145.5	0.000	0.000	0.000	0.000	0.000
146.0	0.000	0.000	0.000	0.000	0.000
146.5	0.000	0.000	0.000	0.000	0.000
147.0	0.000	0.000	0.000	0.000	0.000
147.5	0.000	0.000	0.000	0.000	0.000
148.0	0.000	0.000	0.000	0.000	0.000
148.5	0.000	0.000	0.000	0.000	0.000
149.0	0.000	0.000	0.000	0.000	0.000
149.5	0.000	0.000	0.000	0.000	0.000
150.0	0.000	0.000	0.000	0.000	0.000
150.5	0.000	0.000	0.000	0.000	0.000
151.0	0.000	0.000	0.000	0.000	0.000
151.5	0.000	0.000	0.000	0.000	0.000
152.0	0.000	0.000	0.000	0.000	0.000
152.5	0.000	0.000	0.000	0.000	0.000
153.0	0.000	0.000	0.000	0.000	0.000
153.5	0.000	0.000	0.000	0.000	0.000
154.0	0.000	0.000	0.000	0.000	0.000
154.5	0.000	0.000	0.000	0.000	0.000
155.0	0.000	0.000	0.000	0.000	0.000
155.5	0.000	0.000	0.000	0.000	0.000
156.0	0.000	0.000	0.000	0.000	0.000
156.5	0.000	0.000	0.000	0.000	0.000
157.0	0.000	0.000	0.000	0.000	0.000
157.5	0.000	0.000	0.000	0.000	0.000
158.0	0.000	0.000	0.000	0.000	0.000
158.5	0.000	0.000	0.000	0.000	0.000
159.0	0.000	0.000	0.000	0.000	0.000
159.5	0.000	0.000	0.000	0.000	0.000
160.0	0.000	0.000	0.000	0.000	0.000
160.5	0.000	0.000	0.000	0.000	0.000
161.0	0.000	0.000	0.000	0.000	0.000
161.5	0.000	0.000	0.000	0.000	0.000
162.0	0.000	0.000	0.000	0.000	0.000
162.5	0.000	0.000	0.000	0.000	0.000
163.0	0.000	0.000	0.000	0.000	0.000
163.5	0.000	0.000	0.000	0.000	0.000
164.0	0.000	0.000	0.000	0.000	0.000
164.5	0.000	0.000	0.000	0.000	0.000
165.0	0.000	0.000	0.000	0.000	0.000
165.5	0.000	0.000	0.000	0.000	0.000
166.0	0.000	0.000	0.000	0.000	0.000
166.5	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT
PHOTOMETRIC FILENAME : DIG-S14-L60-835-AD-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

167.0	0.000	0.000	0.000	0.000	0.000
167.5	0.000	0.000	0.000	0.000	0.000
168.0	0.000	0.000	0.000	0.000	0.000
168.5	0.000	0.000	0.000	0.000	0.000
169.0	0.000	0.000	0.000	0.000	0.000
169.5	0.000	0.000	0.000	0.000	0.000
170.0	0.000	0.000	0.000	0.000	0.000
170.5	0.000	0.000	0.000	0.000	0.000
171.0	0.000	0.000	0.000	0.000	0.000
171.5	0.000	0.000	0.000	0.000	0.000
172.0	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000
173.0	0.000	0.000	0.000	0.000	0.000
173.5	0.000	0.000	0.000	0.000	0.000
174.0	0.000	0.000	0.000	0.000	0.000
174.5	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000
175.5	0.000	0.000	0.000	0.000	0.000
176.0	0.000	0.000	0.000	0.000	0.000
176.5	0.000	0.000	0.000	0.000	0.000
177.0	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000
178.0	0.000	0.000	0.000	0.000	0.000
178.5	0.000	0.000	0.000	0.000	0.000
179.0	0.000	0.000	0.000	0.000	0.000
179.5	0.000	0.000	0.000	0.000	0.000
180.0	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT
PHOTOMETRIC FILENAME : DIG-S14-L60-835-AD-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	823.75	N.A.	13.70
0-30	1735.46	N.A.	28.90
0-40	2813.76	N.A.	46.80
0-60	4877.35	N.A.	81.20
0-80	5939.88	N.A.	98.90
0-90	6008.55	N.A.	100.00
10-90	5794.61	N.A.	96.40
20-40	1990.01	N.A.	33.10
20-50	3086.55	N.A.	51.40
40-70	2763.27	N.A.	46.00
60-80	1062.53	N.A.	17.70
70-80	362.85	N.A.	6.00
80-90	68.67	N.A.	1.10
90-110	0.10	N.A.	0.00
90-120	0.10	N.A.	0.00
90-130	0.10	N.A.	0.00
90-150	0.10	N.A.	0.00
90-180	0.10	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	6008.65	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	213.94
10-20	609.81
20-30	911.71
30-40	1078.3
40-50	1096.54
50-60	967.05
60-70	699.68
70-80	362.85
80-90	68.67
90-100	0.10
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

IES INDOOR REPORT
PHOTOMETRIC FILENAME : DIG-S14-L60-835-AD-DIM-UNV_.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	255	255	255	255	249	249	249	249	238	238	238	227	227	227	218	218	218	214
1	234	224	215	207	228	219	211	204	210	203	197	202	196	191	194	190	186	181
2	213	196	182	170	207	192	179	168	184	173	164	177	168	160	171	163	156	152
3	194	172	155	142	189	169	153	140	163	149	138	157	145	136	151	142	133	129
4	178	153	135	120	173	150	133	120	145	130	118	140	127	116	135	124	115	110
5	164	137	118	104	159	134	117	103	130	114	102	126	112	101	122	110	100	96
6	151	123	104	91	147	121	103	90	117	102	90	114	100	89	111	98	88	84
7	141	112	93	80	137	110	93	80	107	91	80	104	90	79	101	88	78	74
8	131	102	84	72	128	101	84	72	98	82	71	95	81	71	93	80	70	66
9	122	94	76	65	119	93	76	65	90	75	64	88	74	64	86	73	64	60
10	115	87	70	59	112	86	69	59	83	69	58	81	68	58	80	67	58	54

IES INDOOR REPORT
PHOTOMETRIC FILENAME : DIG-S14-L60-835-AD-DIM-UNV_.IES

UGR TABLE - CORRECTED

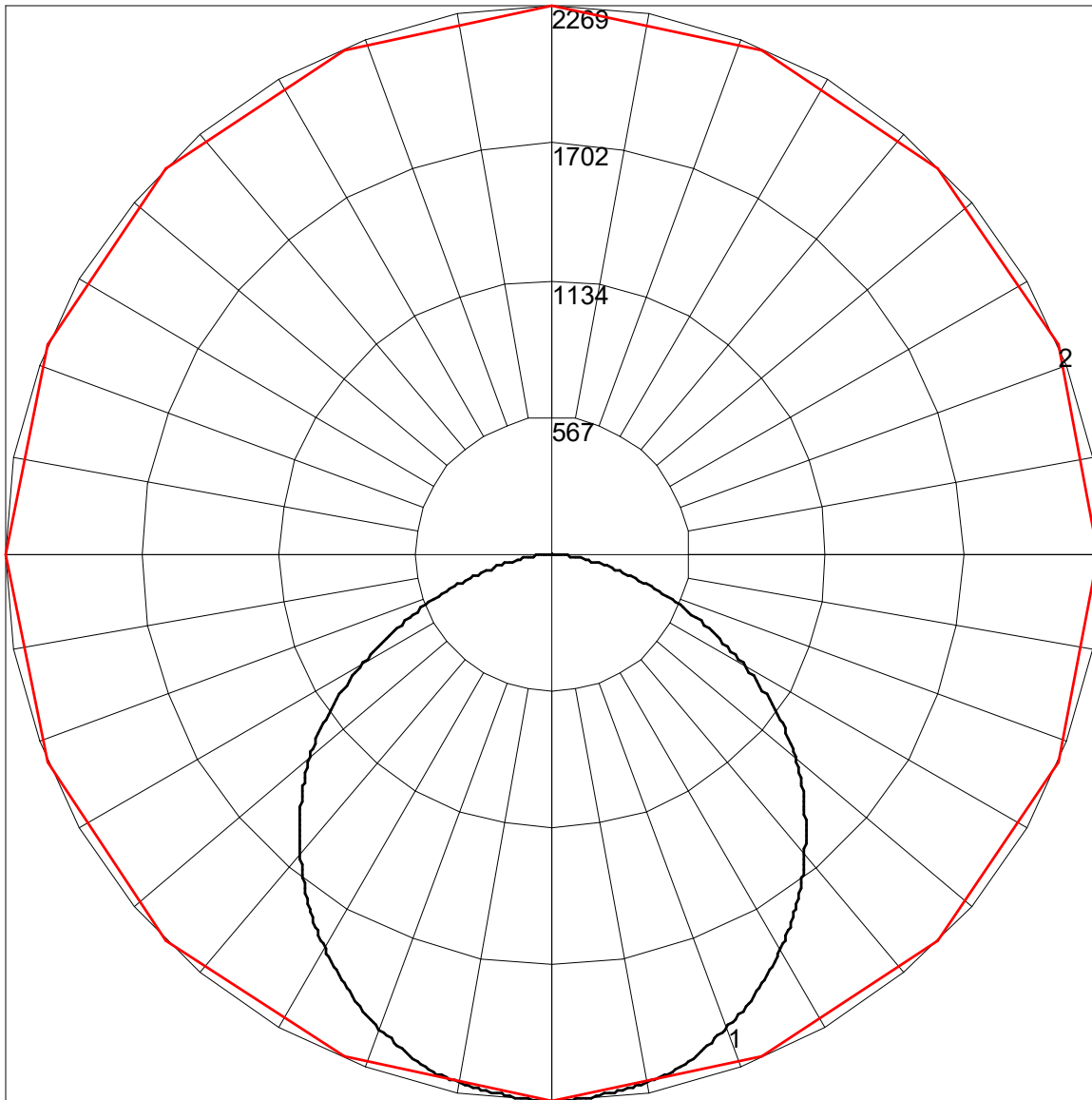
Reflectances

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	15.2	16.8	15.6	17.1	17.4	15.7	17.3	16.1	17.6	18.0
	3H	16.9	18.4	17.3	18.7	19.1	17.2	18.6	17.6	19.0	19.3
	4H	17.5	18.9	17.9	19.2	19.6	17.6	19.0	18.0	19.3	19.7
	6H	17.9	19.2	18.3	19.5	19.9	17.8	19.1	18.2	19.5	19.9
	8H	18.0	19.2	18.4	19.6	20.0	17.9	19.1	18.3	19.5	19.9
	12H	18.1	19.2	18.5	19.6	20.0	17.9	19.0	18.3	19.4	19.8
4H	2H	15.9	17.3	16.3	17.6	18.0	16.3	17.7	16.7	18.0	18.4
	3H	17.8	19.0	18.2	19.4	19.8	18.0	19.1	18.4	19.5	19.9
	4H	18.6	19.6	19.0	20.0	20.4	18.5	19.5	18.9	20.0	20.4
	6H	19.1	20.0	19.5	20.4	20.9	18.8	19.7	19.3	20.2	20.6
	8H	19.2	20.1	19.7	20.5	21.0	18.9	19.7	19.3	20.1	20.6
	12H	19.3	20.1	19.8	20.5	21.0	18.9	19.6	19.3	20.1	20.6
8H	4H	18.8	19.7	19.3	20.1	20.6	18.8	19.6	19.3	20.1	20.5
	6H	19.4	20.1	19.9	20.6	21.1	19.2	19.9	19.6	20.3	20.8
	8H	19.7	20.3	20.2	20.8	21.3	19.2	19.8	19.7	20.3	20.8
	12H	19.8	20.3	20.3	20.8	21.4	19.2	19.8	19.7	20.3	20.8
12H	4H	18.8	19.6	19.3	20.1	20.5	18.8	19.6	19.3	20.0	20.5
	6H	19.5	20.1	20.0	20.6	21.1	19.2	19.8	19.7	20.3	20.8
	8H	19.7	20.3	20.2	20.7	21.3	19.3	19.8	19.8	20.3	20.9

Maximum UGR = 21.4

POLAR GRAPH



Maximum Candela = 2268.794 Located At Horizontal Angle = 22.5, Vertical Angle = .5
1 - Vertical Plane Through Horizontal Angles (90 - 270)
2 - Horizontal Cone Through Vertical Angle (.5) (Through Max. Cd.)