

IES INDOOR REPORT

PHOTOMETRIC FILENAME : DIG-S14-L47-835-AD-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from 12595750.01A

[TESTLAB] UL Verification Services Inc.

[ISSUE DATE] 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-L47-835-AD-DIM-UNV

[LAMPCAT] HLM 80 CRI, 3500K CCT

[_SEARCH_SOURCETYPE] 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	4844
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	138
Total Luminaire Watts	35.2
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	4637	4863	5044
55	4266	4618	4730
65	3820	4186	3959
75	3133	3328	2822
85	1896	1237	689

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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	1825.390	1825.390	1825.390	1825.390	1825.390
0.5	1825.390	1829.128	1824.144	1822.898	1829.128
1.0	1825.390	1829.128	1824.144	1822.898	1827.882
1.5	1825.390	1829.128	1822.898	1821.652	1827.882
2.0	1824.144	1827.882	1822.898	1821.652	1826.636
2.5	1824.144	1826.636	1821.652	1820.406	1825.390
3.0	1822.898	1825.390	1820.406	1819.160	1822.898
3.5	1821.652	1824.144	1819.160	1817.914	1821.652
4.0	1820.406	1822.898	1817.914	1815.422	1820.406
4.5	1817.914	1821.652	1816.668	1814.176	1817.914
5.0	1816.668	1819.160	1815.422	1812.930	1816.668
5.5	1814.176	1817.914	1812.930	1810.438	1814.176
6.0	1812.930	1815.422	1810.438	1809.192	1812.930
6.5	1810.438	1812.930	1807.946	1806.700	1810.438
7.0	1807.946	1810.438	1805.454	1804.208	1807.946
7.5	1804.208	1806.700	1802.962	1801.716	1806.700
8.0	1801.716	1802.962	1800.470	1800.470	1804.208
8.5	1797.978	1799.224	1796.732	1797.978	1801.716
9.0	1794.240	1795.486	1794.240	1795.486	1800.470
9.5	1790.502	1791.748	1790.502	1792.994	1797.978
10.0	1786.764	1788.010	1786.764	1790.502	1795.486
10.5	1781.780	1784.272	1783.026	1786.764	1792.994
11.0	1778.042	1779.288	1779.288	1784.272	1790.502
11.5	1773.058	1774.304	1775.550	1780.534	1786.764
12.0	1769.320	1770.566	1770.566	1776.796	1784.272
12.5	1764.336	1765.582	1766.828	1773.058	1780.534
13.0	1759.352	1760.598	1761.844	1768.074	1776.796
13.5	1753.122	1755.614	1756.860	1764.336	1771.812
14.0	1748.138	1750.630	1751.876	1759.352	1766.828
14.5	1743.154	1744.400	1746.892	1754.368	1761.844
15.0	1736.924	1739.416	1741.908	1748.138	1755.614
15.5	1730.694	1733.186	1735.678	1743.154	1749.384
16.0	1724.464	1726.956	1730.694	1736.924	1743.154
16.5	1718.234	1720.726	1724.464	1730.694	1736.924
17.0	1712.004	1714.496	1718.234	1724.464	1729.448
17.5	1704.528	1708.266	1712.004	1718.234	1723.218
18.0	1698.298	1700.790	1705.774	1712.004	1715.742
18.5	1690.822	1694.560	1699.544	1704.528	1709.512
19.0	1683.346	1687.084	1693.314	1698.298	1703.282
19.5	1675.870	1679.608	1685.838	1692.068	1697.052
20.0	1667.148	1672.132	1678.362	1684.592	1690.822
20.5	1659.672	1664.656	1670.886	1678.362	1683.346
21.0	1650.950	1655.934	1663.410	1670.886	1677.116
21.5	1643.474	1647.212	1655.934	1664.656	1670.886
22.0	1634.752	1639.736	1647.212	1657.180	1663.410
22.5	1626.030	1631.014	1639.736	1649.704	1655.934
23.0	1617.308	1621.046	1631.014	1642.228	1648.458
23.5	1607.340	1612.324	1622.292	1633.506	1640.982
24.0	1598.618	1602.356	1613.570	1626.030	1632.260
24.5	1588.650	1593.634	1604.848	1617.308	1623.538
25.0	1578.682	1583.666	1596.126	1608.586	1614.816
25.5	1568.714	1573.698	1586.158	1599.864	1606.094
26.0	1558.746	1564.976	1577.436	1589.896	1597.372
26.5	1548.778	1555.008	1568.714	1581.174	1588.650

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CANDELA TABULATION - (Cont.)

27.0	1537.564	1543.794	1558.746	1571.206	1578.682
27.5	1527.596	1533.826	1548.778	1562.484	1569.960
28.0	1517.628	1523.858	1538.810	1552.516	1559.992
28.5	1506.414	1512.644	1528.842	1543.794	1551.270
29.0	1495.200	1502.676	1518.874	1535.072	1542.548
29.5	1485.232	1491.462	1508.906	1525.104	1533.826
30.0	1474.018	1480.248	1498.938	1516.382	1523.858
30.5	1462.804	1470.280	1487.724	1506.414	1515.136
31.0	1451.590	1457.820	1477.756	1496.446	1506.414
31.5	1439.130	1446.606	1466.542	1487.724	1496.446
32.0	1427.916	1435.392	1456.574	1477.756	1486.478
32.5	1416.702	1424.178	1445.360	1467.788	1477.756
33.0	1404.242	1411.718	1434.146	1457.820	1467.788
33.5	1393.028	1400.504	1424.178	1446.606	1457.820
34.0	1380.568	1389.290	1412.964	1436.638	1446.606
34.5	1368.108	1376.830	1401.750	1425.424	1436.638
35.0	1355.648	1365.616	1390.536	1415.456	1425.424
35.5	1343.188	1353.156	1379.322	1404.242	1414.210
36.0	1330.728	1340.696	1368.108	1393.028	1402.996
36.5	1318.268	1329.482	1355.648	1381.814	1391.782
37.0	1304.562	1317.022	1344.434	1370.600	1380.568
37.5	1292.102	1304.562	1333.220	1359.386	1369.354
38.0	1279.642	1292.102	1322.006	1348.172	1358.140
38.5	1265.936	1279.642	1309.546	1336.958	1346.926
39.0	1253.476	1267.182	1297.086	1325.744	1334.466
39.5	1241.016	1254.722	1285.872	1313.284	1323.252
40.0	1228.182	1242.137	1273.412	1302.070	1310.792
40.5	1215.473	1229.553	1260.952	1289.610	1299.578
41.0	1202.515	1216.719	1249.738	1277.150	1287.118
41.5	1189.307	1203.885	1237.029	1265.936	1275.904
42.0	1176.224	1191.176	1224.569	1253.476	1263.444
42.5	1162.892	1178.342	1211.984	1241.514	1250.984
43.0	1149.684	1165.259	1199.400	1229.304	1239.272
43.5	1136.227	1152.301	1186.690	1217.217	1227.310
44.0	1122.521	1139.093	1173.857	1205.256	1215.224
44.5	1108.940	1126.010	1161.272	1193.170	1203.262
45.0	1095.234	1112.553	1148.438	1180.959	1191.301
45.5	1081.279	1098.972	1135.604	1168.873	1178.716
46.0	1067.448	1085.391	1122.771	1156.537	1166.256
46.5	1053.493	1071.934	1109.812	1144.202	1153.796
47.0	1039.787	1058.352	1096.854	1131.742	1141.211
47.5	1025.956	1044.771	1083.895	1119.406	1128.502
48.0	1012.250	1031.190	1070.937	1106.697	1115.419
48.5	998.420	1017.608	1057.854	1093.863	1102.212
49.0	984.589	1003.902	1045.020	1080.780	1088.630
49.5	970.759	990.321	1031.937	1067.573	1074.924
50.0	957.053	976.490	1018.730	1054.116	1060.595
50.5	943.347	962.784	1005.522	1040.659	1045.892
51.0	929.391	949.203	992.190	1026.953	1031.190
51.5	915.685	935.746	979.107	1012.873	1016.487
52.0	901.979	922.040	965.650	998.544	1001.659
52.5	887.900	908.459	952.193	983.592	986.458
53.0	873.695	894.753	938.736	968.516	971.257
53.5	859.491	880.797	925.404	953.564	955.682
54.0	845.411	867.091	911.947	938.487	939.733
54.5	831.331	853.136	898.366	923.660	922.912

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CANDELA TABULATION - (Cont.)

55.0	817.251	839.430	884.660	908.334	906.091
55.5	802.922	825.724	870.954	893.008	889.395
56.0	788.469	811.769	857.248	877.184	872.698
56.5	774.389	798.063	843.542	860.861	855.877
57.0	760.434	784.232	829.711	844.414	838.433
57.5	746.354	770.277	815.756	827.718	820.366
58.0	732.274	756.447	801.801	811.395	802.424
58.5	718.194	742.741	787.597	794.948	784.855
59.0	704.239	728.910	773.018	778.127	767.162
59.5	690.409	715.204	758.316	760.683	749.469
60.0	676.703	701.623	743.364	743.239	731.776
60.5	662.872	688.041	728.412	725.670	714.083
61.0	649.291	674.584	713.460	708.226	696.763
61.5	635.709	661.003	698.632	690.907	679.444
62.0	621.879	647.546	683.431	673.712	662.124
62.5	608.297	634.089	668.230	656.642	644.930
63.0	594.467	620.757	652.904	639.572	627.735
63.5	580.761	607.300	637.454	622.626	610.665
64.0	566.930	594.093	621.754	605.930	593.594
64.5	553.224	580.885	606.304	589.358	576.275
65.0	539.269	567.678	590.853	572.412	558.831
65.5	525.189	554.221	575.278	555.965	542.010
66.0	511.234	540.889	559.703	539.518	524.940
66.5	497.403	527.556	544.004	522.822	508.119
67.0	483.573	514.100	528.304	506.624	491.547
67.5	469.867	500.892	512.854	490.301	474.975
68.0	455.787	487.684	497.279	473.854	458.279
68.5	442.205	474.477	481.953	457.656	441.956
69.0	428.749	461.145	466.502	441.209	425.634
69.5	415.043	447.812	451.052	425.135	409.436
70.0	401.710	434.729	435.851	408.937	393.611
70.5	388.378	421.522	420.899	393.238	378.161
71.0	375.295	408.065	405.822	377.538	362.586
71.5	361.963	394.733	390.746	361.714	347.385
72.0	349.005	381.276	375.794	346.513	332.059
72.5	335.797	367.944	360.842	331.187	316.982
73.0	322.839	354.487	346.139	315.986	301.906
73.5	309.756	341.279	331.436	300.909	286.954
74.0	296.922	328.072	316.733	286.082	272.625
74.5	283.839	314.740	302.155	271.628	258.420
75.0	270.880	301.407	287.701	257.548	243.967
75.5	257.922	288.075	273.746	243.219	229.638
76.0	245.960	275.117	259.666	228.766	215.309
76.5	233.002	262.034	245.462	214.437	201.104
77.0	220.417	248.826	231.008	200.232	187.772
77.5	208.331	235.743	216.929	186.775	173.942
78.0	196.370	222.660	202.973	173.069	160.485
78.5	184.283	209.702	189.517	159.363	147.277
79.0	172.571	197.242	176.184	145.907	134.319
79.5	161.108	184.782	162.478	132.699	121.485
80.0	149.894	172.820	149.022	119.616	108.900
80.5	138.929	160.609	135.814	106.782	96.440
81.0	128.463	148.523	122.731	94.198	84.105
81.5	118.121	136.811	109.773	81.987	72.517
82.0	108.277	125.098	97.188	70.274	61.926
82.5	98.559	113.760	85.102	59.683	52.706

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CANDELA TABULATION - (Cont.)

83.0	89.214	102.421	73.265	50.463	45.354
83.5	80.118	91.332	61.926	43.361	38.626
84.0	71.520	80.367	51.584	36.757	32.147
84.5	63.172	69.651	42.987	30.402	26.041
85.0	55.198	59.310	36.009	24.297	20.061
85.5	47.597	49.342	29.530	18.690	15.077
86.0	40.370	40.246	23.176	14.080	12.335
86.5	33.517	32.645	17.319	11.339	10.591
87.0	27.287	26.166	12.460	9.594	8.847
87.5	21.431	20.061	8.971	7.850	7.227
88.0	16.073	14.454	7.102	6.355	5.856
88.5	11.339	9.843	5.732	5.358	4.859
89.0	7.974	6.728	4.735	4.361	4.112
89.5	5.607	4.486	3.738	3.613	3.364
90.0	3.489	3.364	2.866	2.741	2.617
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-L47-835-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-L47-835-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-L47-835-AD-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	664.12	N.A.	13.70
0-30	1399.15	N.A.	28.90
0-40	2268.49	N.A.	46.80
0-60	3932.17	N.A.	81.20
0-80	4788.8	N.A.	98.90
0-90	4844.16	N.A.	100.00
10-90	4671.68	N.A.	96.40
20-40	1604.37	N.A.	33.10
20-50	2488.41	N.A.	51.40
40-70	2227.78	N.A.	46.00
60-80	856.63	N.A.	17.70
70-80	292.54	N.A.	6.00
80-90	55.36	N.A.	1.10
90-110	0.08	N.A.	0.00
90-120	0.08	N.A.	0.00
90-130	0.08	N.A.	0.00
90-150	0.08	N.A.	0.00
90-180	0.08	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	4844.24	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	172.48
10-20	491.64
20-30	735.03
30-40	869.33
40-50	884.04
50-60	779.64
60-70	564.09
70-80	292.54
80-90	55.36
90-100	0.08
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-L47-835-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	205	205	205	205	200	200	200	200	192	192	192	183	183	183	176	176	176	172
1	188	180	173	167	184	177	170	164	169	164	159	163	158	154	156	153	150	146
2	172	158	146	137	167	155	144	135	148	140	132	143	136	129	138	132	126	122
3	157	139	125	114	152	136	123	113	131	120	111	126	117	109	122	114	107	104
4	144	123	108	97	140	121	107	96	117	105	95	113	102	94	109	100	93	89
5	132	110	95	84	129	108	94	83	105	92	82	101	90	82	98	88	81	77
6	122	99	84	73	119	98	83	73	95	82	72	92	80	72	89	79	71	68
7	113	90	75	65	110	89	75	65	86	73	64	84	72	64	81	71	63	60
8	106	82	68	58	103	81	67	58	79	66	57	77	65	57	75	64	57	53
9	99	76	62	52	96	75	61	52	73	60	52	71	60	51	69	59	51	48
10	92	70	56	47	90	69	56	47	67	55	47	66	55	47	64	54	47	44

IES INDOOR REPORT
PHOTOMETRIC FILENAME : DIG-S14-L47-835-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

X=2H	Y=2H	15.2	16.8	15.6	17.1	17.4	UGR Viewed Endwise			
	3H	16.9	18.4	17.3	18.7	19.1	15.7	17.3	16.1	17.6
	4H	17.5	18.9	17.9	19.2	19.6	17.2	18.6	17.6	19.0
	6H	17.9	19.2	18.3	19.5	19.9	17.6	19.0	18.0	19.3
	8H	18.0	19.2	18.4	19.6	20.0	17.8	19.1	18.2	19.5
	12H	18.1	19.2	18.5	19.6	20.0	17.9	19.1	18.3	19.5

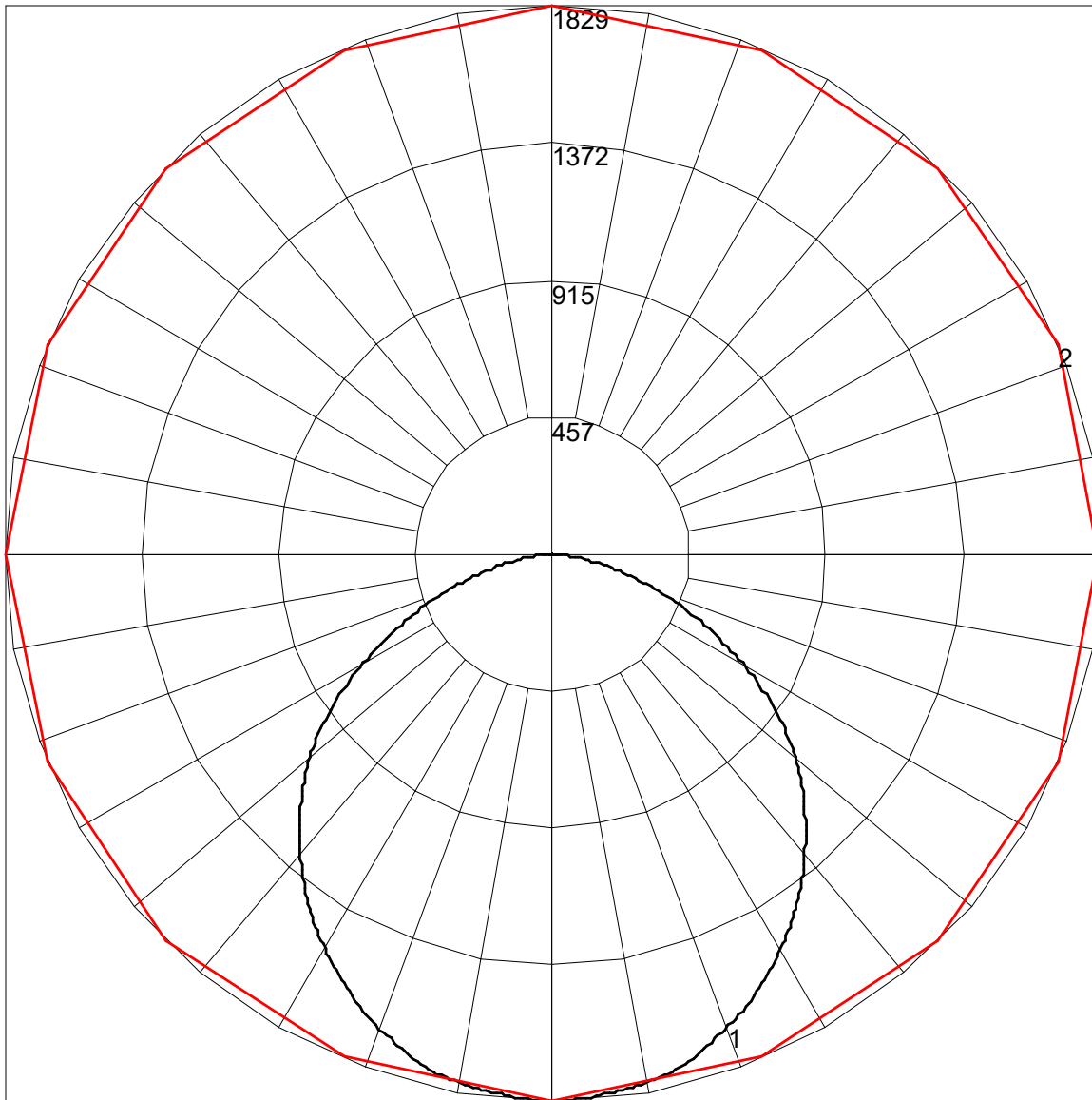
4H	2H	15.9	17.3	16.3	17.6	18.0	15.7	17.3	16.1	17.6
	3H	17.8	19.0	18.2	19.4	19.8	17.2	18.6	17.6	19.0
	4H	18.6	19.6	19.0	20.0	20.4	17.6	19.0	18.0	19.3
	6H	19.1	20.0	19.5	20.4	20.9	17.8	19.1	18.2	19.5
	8H	19.2	20.1	19.7	20.5	21.0	17.9	19.1	18.3	19.5
	12H	19.3	20.1	19.8	20.5	21.0	17.9	19.0	18.3	19.4

8H	4H	18.8	19.7	19.3	20.1	20.6	17.9	19.0	18.3	19.4
	6H	19.4	20.1	19.9	20.6	21.1	17.8	19.1	18.2	19.5
	8H	19.7	20.3	20.2	20.8	21.3	17.6	19.0	18.0	19.3
	12H	19.8	20.3	20.3	20.8	21.4	17.8	19.1	18.2	19.5

12H	4H	18.8	19.6	19.3	20.1	20.5	17.8	19.1	18.2	19.5
	6H	19.5	20.1	20.0	20.6	21.1	17.9	19.1	18.3	19.5
	8H	19.7	20.3	20.2	20.7	21.3	17.9	19.1	18.3	19.5

Maximum UGR = 21.4

POLAR GRAPH



Maximum Candela = 1829.128 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.)