

IES INDOOR REPORT

PHOTOMETRIC FILENAME : AI3P33-8-L16-835-(L10)-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] GEN FROM 13320192.02
[TESTLAB] UL Verification Services Inc.
[ISSUE DATE] 31 MAR 2023
[MANUFAC] WILLIAMS INDOOR
[OTHER] H.E. WILLIAMS, INC. - CARTHAGE, MO.
[LUMCAT] AI3P33-8-L16-835-(L10)-DIM-UNV
[LUMINAIRE] 8' SUSPENDED LED LUMINAIRE W/PERF
[MORE] UNDERSIDE WHITE PAINTED HOUSING
[LAMP] LED
[LAMPCAT] HLM 80 CRI 3500K CCT

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	8054
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	132
Total Luminaire Watts	61
Ballast Factor	1.00
CIE Type	Indirect
Spacing Criterion (0-180)	N.A.
Spacing Criterion (90-270)	N.A.
Spacing Criterion (Diagonal)	N.A.
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	8.00 ft
Luminous Width (90-270)	0.63 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	153	167	199
55	121	160	206
65	79	158	230
75	62	171	293
85	69	305	539

IES INDOOR REPORT
PHOTOMETRIC FILENAME : AI3P33-8-L16-835-(L10)-DIM-UNV_.IES

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	76.345	76.345	76.345	76.345	76.345
0.5	80.816	82.990	79.162	70.649	63.360
1.0	80.846	82.929	78.733	70.342	61.492
1.5	80.846	82.653	78.488	69.669	58.705
2.0	80.693	82.531	78.121	69.087	57.266
2.5	80.540	82.163	77.631	68.658	56.654
3.0	80.417	81.734	77.110	68.229	57.113
3.5	80.295	81.306	76.528	67.954	58.614
4.0	80.050	80.907	75.977	67.678	60.328
4.5	79.897	80.571	75.426	67.372	62.288
5.0	79.744	80.264	74.966	67.066	64.401
5.5	79.499	79.928	74.415	66.882	66.116
6.0	79.346	79.652	73.650	66.698	66.269
6.5	79.101	79.193	72.915	66.545	65.871
7.0	78.948	78.549	72.149	66.423	65.749
7.5	78.549	77.998	71.445	66.331	65.688
8.0	78.335	77.233	70.740	66.576	65.718
8.5	77.998	76.467	70.005	67.311	65.749
9.0	77.723	75.640	69.209	67.801	66.208
9.5	77.233	74.813	68.352	68.229	68.352
10.0	76.773	74.048	67.923	68.658	70.802
10.5	76.314	73.221	67.464	69.209	73.190
11.0	75.946	72.425	67.066	69.914	75.211
11.5	75.365	71.629	66.790	70.832	77.049
12.0	74.875	70.802	66.668	71.629	78.703
12.5	74.446	70.067	66.423	72.670	79.836
13.0	74.048	69.271	66.331	73.772	80.938
13.5	73.803	68.536	66.423	74.783	81.765
14.0	73.558	67.984	66.637	75.885	83.970
14.5	73.343	67.311	66.821	77.141	86.236
15.0	72.884	66.545	67.188	78.182	88.441
15.5	72.547	65.810	67.892	79.376	90.248
16.0	72.333	64.922	68.536	80.479	91.687
16.5	72.119	64.126	69.301	81.673	92.820
17.0	71.904	63.360	69.914	82.929	93.371
17.5	71.629	62.595	70.557	84.092	93.249
18.0	70.955	61.951	71.200	85.042	93.004
18.5	70.526	61.431	71.904	85.746	92.544
19.0	70.005	60.941	72.578	86.358	91.809
19.5	69.516	60.543	73.160	86.603	91.381
20.0	68.995	60.114	73.711	86.634	91.411
20.5	68.474	59.685	74.262	86.481	91.289
21.0	68.076	59.287	74.752	86.297	91.166
21.5	67.770	59.042	75.120	86.113	91.074
22.0	67.433	58.797	75.426	85.868	90.676
22.5	67.188	58.644	75.487	85.715	90.125
23.0	66.851	58.460	75.579	85.409	89.605
23.5	66.514	58.307	75.518	85.072	89.176
24.0	66.331	58.246	75.456	84.797	88.747
24.5	66.055	58.154	75.395	84.460	88.227
25.0	65.718	58.338	75.211	84.062	87.706
25.5	65.473	58.338	75.028	83.602	87.247
26.0	65.228	58.430	74.783	83.265	86.603
26.5	65.044	58.644	74.599	82.776	86.205

IES INDOOR REPORT
PHOTOMETRIC FILENAME : AI3P33-8-L16-835-(L10)-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	64.953	58.828	74.323	82.500	85.654
27.5	64.861	59.103	74.078	82.071	85.225
28.0	64.708	59.257	73.711	81.673	84.705
28.5	64.371	59.318	73.435	81.367	84.245
29.0	64.065	59.379	73.129	80.816	83.664
29.5	63.728	59.410	72.823	80.326	83.020
30.0	63.483	59.532	72.486	79.774	82.439
30.5	63.176	59.716	72.180	79.193	81.949
31.0	62.931	59.900	71.751	78.580	81.336
31.5	62.686	60.114	71.261	77.998	80.724
32.0	62.441	60.237	70.802	77.416	80.173
32.5	62.043	60.206	70.312	76.773	79.499
33.0	61.890	60.267	69.822	76.130	78.948
33.5	61.553	60.359	69.332	75.548	78.335
34.0	61.370	60.298	68.811	74.936	77.845
34.5	61.247	60.237	68.168	74.293	77.355
35.0	61.063	60.053	67.525	73.711	76.681
35.5	60.941	59.869	66.882	73.160	76.130
36.0	60.727	59.655	66.269	72.486	75.579
36.5	60.482	59.410	65.626	71.904	74.966
37.0	60.298	59.042	64.983	71.261	74.415
37.5	60.083	58.705	64.401	70.679	73.803
38.0	59.869	58.246	63.728	70.036	73.190
38.5	59.655	57.695	63.207	69.485	72.700
39.0	59.471	57.205	62.564	68.842	71.996
39.5	59.134	56.592	61.951	68.229	71.445
40.0	58.522	55.980	61.278	67.678	70.955
40.5	57.940	55.306	60.665	67.035	70.342
41.0	57.174	54.632	60.022	66.423	69.791
41.5	56.378	53.959	59.318	65.810	69.209
42.0	55.521	53.224	58.736	65.228	68.689
42.5	54.663	52.489	58.001	64.616	68.137
43.0	53.836	51.693	57.419	64.003	67.586
43.5	52.979	51.019	56.807	63.452	67.035
44.0	52.091	50.223	56.133	62.840	66.545
44.5	51.141	49.488	55.551	62.258	65.963
45.0	50.223	48.722	54.877	61.706	65.351
45.5	49.396	47.957	54.265	61.094	64.799
46.0	48.508	47.222	53.652	60.482	64.218
46.5	47.681	46.487	52.979	59.930	63.789
47.0	46.854	45.721	52.428	59.348	63.176
47.5	45.966	44.986	51.754	58.736	62.564
48.0	45.109	44.251	51.111	58.215	62.043
48.5	44.282	43.485	50.529	57.664	61.492
49.0	43.455	42.751	49.886	57.082	60.972
49.5	42.506	42.046	49.273	56.500	60.482
50.0	41.556	41.311	48.722	55.980	59.900
50.5	40.637	40.546	48.079	55.398	59.379
51.0	39.749	39.780	47.497	54.847	58.950
51.5	38.861	39.076	46.885	54.265	58.338
52.0	37.943	38.371	46.272	53.744	57.787
52.5	36.993	37.606	45.629	53.132	57.327
53.0	36.075	36.871	45.047	52.611	56.807
53.5	35.156	36.228	44.496	52.091	56.317
54.0	34.207	35.554	43.914	51.478	55.796
54.5	33.227	34.788	43.302	50.988	55.276

IES INDOOR REPORT
PHOTOMETRIC FILENAME : AI3P33-8-L16-835-(L10)-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

55.0	32.277	34.115	42.689	50.437	54.816
55.5	31.297	33.441	42.107	49.916	54.234
56.0	30.379	32.767	41.495	49.365	53.775
56.5	29.429	32.063	40.913	48.875	53.285
57.0	28.480	31.359	40.301	48.293	52.764
57.5	27.561	30.715	39.688	47.803	52.305
58.0	26.581	30.072	39.106	47.313	51.876
58.5	25.663	29.399	38.524	46.762	51.386
59.0	24.744	28.756	37.943	46.242	50.866
59.5	23.856	28.143	37.361	45.721	50.315
60.0	22.998	27.469	36.779	45.292	49.886
60.5	22.110	26.826	36.166	44.772	49.457
61.0	21.253	26.244	35.676	44.282	48.998
61.5	20.395	25.601	35.064	43.822	48.538
62.0	19.568	24.989	34.513	43.332	48.048
62.5	18.772	24.376	33.962	42.781	47.620
63.0	18.007	23.733	33.380	42.322	47.191
63.5	17.333	23.151	32.859	41.832	46.701
64.0	16.659	22.539	32.247	41.311	46.242
64.5	16.016	21.896	31.726	40.852	45.813
65.0	15.465	21.345	31.144	40.392	45.292
65.5	14.883	20.702	30.593	39.903	44.833
66.0	14.301	20.120	30.042	39.382	44.435
66.5	13.781	19.477	29.490	38.861	43.914
67.0	13.291	18.895	28.939	38.371	43.394
67.5	12.709	18.313	28.357	37.881	42.873
68.0	12.219	17.700	27.837	37.330	42.383
68.5	11.759	17.088	27.286	36.810	41.924
69.0	11.392	16.506	26.734	36.289	41.434
69.5	11.024	15.924	26.214	35.830	40.944
70.0	10.688	15.342	25.663	35.278	40.454
70.5	10.381	14.761	25.142	34.758	39.933
71.0	10.075	14.209	24.621	34.207	39.443
71.5	9.769	13.658	24.101	33.747	38.923
72.0	9.463	13.138	23.580	33.165	38.402
72.5	9.156	12.617	23.060	32.645	37.851
73.0	8.820	12.096	22.600	32.124	37.361
73.5	8.483	11.606	22.080	31.573	36.871
74.0	8.146	11.147	21.559	31.022	36.350
74.5	7.840	10.718	21.069	30.470	35.768
75.0	7.503	10.290	20.548	29.950	35.248
75.5	7.166	9.891	20.058	29.399	34.727
76.0	6.829	9.493	19.599	28.878	34.176
76.5	6.523	9.126	19.140	28.327	33.625
77.0	6.217	8.789	18.680	27.776	33.104
77.5	5.910	8.483	18.190	27.224	32.522
78.0	5.604	8.176	17.700	26.643	32.002
78.5	5.329	7.901	17.302	26.122	31.420
79.0	5.053	7.625	16.874	25.571	30.899
79.5	4.777	7.411	16.445	25.019	30.317
80.0	4.563	7.166	16.047	24.468	29.797
80.5	4.318	6.982	15.649	23.886	28.602
81.0	4.104	6.798	15.281	22.906	27.102
81.5	3.889	6.615	14.883	21.681	25.601
82.0	3.675	6.462	14.516	20.395	24.040
82.5	3.491	6.339	13.995	19.170	22.386

IES INDOOR REPORT
PHOTOMETRIC FILENAME : AI3P33-8-L16-835-(L10)-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

83.0	3.307	6.217	13.505	17.976	20.763
83.5	3.185	6.094	12.954	17.088	19.997
84.0	3.032	6.033	12.525	17.057	20.671
84.5	2.909	6.002	12.341	17.670	21.498
85.0	2.787	6.063	12.341	18.344	21.835
85.5	2.695	6.125	12.494	18.619	21.865
86.0	2.664	6.217	12.709	18.527	21.804
86.5	2.603	6.308	12.678	17.976	20.732
87.0	2.542	6.370	12.586	16.965	19.048
87.5	2.572	6.553	12.556	16.169	17.823
88.0	2.603	7.350	13.138	16.567	18.129
88.5	2.634	8.176	14.179	18.589	20.793
89.0	2.817	9.646	15.802	21.161	23.427
89.5	4.349	12.158	17.700	23.427	25.693
90.0	7.962	15.587	19.905	25.754	28.143
90.5	11.178	21.957	22.570	28.235	30.746
91.0	15.832	52.764	25.938	30.593	32.920
91.5	23.060	102.038	29.919	33.227	35.217
92.0	31.910	159.151	35.003	36.656	38.096
92.5	40.484	234.515	42.016	41.066	41.709
93.0	49.671	290.281	56.286	46.640	46.517
93.5	59.257	331.653	96.066	55.214	52.887
94.0	69.026	361.358	168.001	68.995	63.207
94.5	78.856	398.106	261.372	88.410	78.121
95.0	88.716	456.597	362.889	122.984	99.098
95.5	98.608	522.744	452.310	186.314	130.732
96.0	108.683	595.935	531.319	279.808	191.336
96.5	118.268	653.201	603.897	386.469	282.380
97.0	128.160	697.299	684.131	487.527	392.900
97.5	138.327	732.516	773.858	574.192	494.264
98.0	148.739	753.340	861.747	660.244	583.685
98.5	159.426	765.283	948.718	749.971	665.756
99.0	169.869	773.858	1039.670	847.967	748.746
99.5	180.648	787.944	1130.316	955.455	845.211
100.0	192.132	802.950	1213.306	1073.662	957.905
100.5	202.881	815.199	1282.515	1191.563	1083.156
101.0	213.844	828.061	1335.494	1297.521	1209.631
101.5	224.532	843.373	1374.080	1386.329	1331.819
102.0	235.740	857.460	1403.478	1460.132	1434.714
102.5	247.224	869.403	1423.384	1536.997	1518.010
103.0	258.616	880.121	1437.777	1610.494	1594.875
103.5	269.886	889.308	1450.026	1676.640	1665.922
104.0	280.696	897.883	1460.438	1728.700	1739.725
104.5	291.353	907.070	1469.625	1766.061	1801.278
105.0	302.530	916.870	1481.568	1791.479	1850.582
105.5	312.973	926.057	1491.062	1808.016	1885.493
106.0	323.385	935.550	1501.780	1820.265	1913.054
106.5	334.103	944.737	1510.661	1831.902	1932.653
107.0	344.515	953.618	1519.542	1843.539	1946.128
107.5	355.233	962.499	1526.279	1854.870	1955.927
108.0	366.258	971.073	1535.160	1866.507	1967.871
108.5	377.282	980.567	1544.347	1876.919	1975.526
109.0	388.307	989.141	1552.921	1886.412	1988.388
109.5	398.413	997.103	1561.802	1894.374	1997.882
110.0	409.743	1005.372	1570.070	1902.336	2008.600
110.5	420.462	1013.334	1576.501	1911.523	2018.399

IES INDOOR REPORT
PHOTOMETRIC FILENAME : AI3P33-8-L16-835-(L10)-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

111.0	429.036	1021.909	1582.014	1918.873	2027.280
111.5	439.448	1030.483	1587.526	1925.610	2036.161
112.0	449.860	1038.445	1592.426	1931.122	2045.348
112.5	459.354	1045.795	1596.100	1934.185	2053.617
113.0	469.459	1052.532	1600.694	1941.228	2058.210
113.5	479.871	1060.800	1603.756	1946.128	2062.804
114.0	489.977	1066.619	1608.962	1950.415	2068.622
114.5	500.695	1073.969	1612.637	1955.009	2069.235
115.0	511.720	1081.318	1617.537	1960.215	2071.684
115.5	521.519	1087.443	1621.824	1965.727	2076.890
116.0	531.931	1094.180	1625.193	1967.871	2080.565
116.5	541.731	1100.305	1630.093	1969.096	2088.527
117.0	552.143	1106.123	1634.686	1970.014	2090.365
117.5	561.330	1111.942	1638.973	1970.627	2098.327
118.0	571.436	1116.535	1644.792	1971.239	2100.471
118.5	581.542	1122.660	1646.323	1970.933	2102.308
119.0	591.341	1126.641	1650.610	1973.689	2101.389
119.5	601.141	1131.235	1654.591	1972.464	2100.164
120.0	610.940	1137.053	1657.041	1973.689	2099.246
120.5	620.740	1140.728	1659.797	1975.220	2094.652
121.0	629.927	1145.015	1663.472	1975.220	2092.815
121.5	640.339	1148.690	1665.310	1975.220	2093.427
122.0	649.832	1152.671	1667.760	1977.058	2090.365
122.5	658.407	1156.346	1670.516	1976.139	2089.752
123.0	668.513	1159.408	1672.353	1976.139	2090.059
123.5	676.781	1162.471	1675.415	1976.751	2093.733
124.0	685.662	1166.452	1676.028	1975.526	2094.346
124.5	694.543	1169.208	1678.478	1975.833	2094.958
125.0	702.505	1172.270	1679.090	1975.220	2092.815
125.5	711.692	1174.414	1680.009	1975.220	2089.140
126.0	719.041	1177.170	1680.009	1974.608	2085.159
126.5	727.922	1179.620	1678.172	1973.995	2080.259
127.0	734.966	1181.764	1679.703	1973.689	2076.278
127.5	744.459	1183.601	1679.703	1971.239	2072.297
128.0	751.196	1184.520	1680.315	1968.177	2069.847
128.5	759.158	1187.888	1679.397	1969.096	2066.172
129.0	768.652	1188.807	1678.784	1966.033	2063.722
129.5	775.083	1191.563	1676.028	1964.196	2060.660
130.0	782.432	1191.563	1674.191	1962.665	2056.373
130.5	790.701	1191.869	1674.191	1959.602	2052.085
131.0	797.744	1193.707	1672.353	1957.152	2045.961
131.5	804.481	1193.401	1668.678	1954.090	2040.142
132.0	812.137	1195.238	1666.535	1950.721	2032.793
132.5	818.262	1195.850	1663.166	1945.209	2027.587
133.0	825.305	1196.157	1659.491	1942.453	2019.012
133.5	832.655	1195.544	1656.429	1936.635	2013.500
134.0	838.473	1196.157	1652.448	1932.653	2006.456
134.5	844.598	1196.769	1648.773	1926.529	2002.475
135.0	850.417	1196.463	1645.098	1919.792	1997.269
135.5	856.847	1195.544	1640.198	1914.279	1994.207
136.0	862.666	1195.850	1636.217	1908.155	1987.163
136.5	869.097	1195.238	1631.930	1902.642	1981.957
137.0	874.915	1194.625	1627.336	1895.599	1977.364
137.5	879.815	1194.932	1620.293	1888.556	1969.096
138.0	885.634	1193.094	1613.556	1881.818	1962.358
138.5	890.840	1193.707	1610.187	1874.162	1955.927

IES INDOOR REPORT
PHOTOMETRIC FILENAME : AI3P33-8-L16-835-(L10)-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

139.0	897.271	1193.094	1603.450	1864.975	1946.434
139.5	901.864	1191.869	1598.857	1858.238	1938.472
140.0	907.989	1190.951	1592.732	1848.439	1928.979
140.5	914.114	1190.951	1586.301	1841.701	1921.017
141.0	919.013	1188.501	1581.401	1834.658	1913.054
141.5	924.832	1189.113	1576.501	1825.777	1904.480
142.0	930.344	1188.501	1570.989	1818.734	1893.762
142.5	936.163	1186.357	1563.639	1809.853	1883.350
143.0	940.756	1185.745	1558.127	1801.891	1876.000
143.5	946.575	1184.520	1551.390	1793.316	1863.750
144.0	952.393	1183.601	1545.572	1785.354	1853.951
144.5	956.680	1182.682	1540.059	1776.473	1845.683
145.0	962.193	1182.682	1534.547	1767.592	1835.577
145.5	967.399	1181.457	1529.341	1759.937	1829.146
146.0	972.911	1180.845	1521.685	1749.525	1820.265
146.5	979.342	1179.314	1515.560	1741.562	1812.303
147.0	982.710	1179.314	1509.130	1733.294	1803.422
147.5	987.304	1177.782	1503.311	1724.719	1794.541
148.0	992.510	1176.558	1497.186	1716.145	1784.742
148.5	997.103	1176.251	1489.530	1706.652	1774.330
149.0	1003.534	1176.558	1482.487	1696.240	1764.530
149.5	1008.434	1176.251	1475.137	1686.746	1755.037
150.0	1012.109	1175.333	1469.013	1677.253	1742.481
150.5	1017.621	1173.495	1463.194	1667.760	1733.907
151.0	1021.909	1172.576	1454.926	1656.735	1722.576
151.5	1027.421	1172.270	1449.107	1646.629	1710.633
152.0	1030.483	1171.352	1440.839	1635.605	1699.302
152.5	1035.077	1171.658	1433.183	1624.887	1687.052
153.0	1039.976	1170.433	1426.752	1614.168	1673.578
153.5	1044.876	1168.902	1419.709	1602.225	1660.716
154.0	1048.551	1169.208	1411.134	1590.894	1647.548
154.5	1052.838	1169.514	1403.478	1579.870	1634.380
155.0	1056.207	1169.514	1396.741	1567.927	1620.599
155.5	1059.882	1168.289	1389.085	1556.596	1607.431
156.0	1063.557	1168.595	1382.042	1545.572	1593.957
156.5	1068.150	1167.370	1374.386	1532.097	1579.564
157.0	1070.906	1167.370	1366.424	1520.766	1566.396
157.5	1074.581	1167.677	1358.155	1509.436	1551.696
158.0	1077.950	1166.146	1350.806	1496.880	1539.141
158.5	1081.012	1166.452	1342.844	1485.856	1526.891
159.0	1082.849	1165.227	1334.575	1474.219	1513.723
159.5	1087.137	1165.227	1327.532	1462.888	1500.249
160.0	1088.974	1164.002	1320.795	1450.332	1487.693
160.5	1092.343	1164.308	1313.445	1437.470	1475.444
161.0	1095.099	1163.389	1306.401	1427.365	1464.113
161.5	1097.242	1163.389	1301.195	1415.115	1450.638
162.0	1100.305	1162.777	1294.152	1403.784	1437.470
162.5	1103.367	1162.164	1287.721	1392.147	1425.527
163.0	1105.817	1161.858	1281.290	1380.511	1411.747
163.5	1107.348	1161.552	1274.859	1367.649	1399.803
164.0	1110.104	1160.633	1267.510	1357.849	1384.798
164.5	1112.248	1160.327	1261.691	1345.906	1373.773
165.0	1114.392	1159.715	1254.954	1336.106	1359.380
165.5	1116.535	1159.715	1248.523	1326.001	1348.050
166.0	1118.985	1158.490	1242.704	1315.282	1335.800
166.5	1120.516	1158.490	1236.274	1307.014	1323.857

IES INDOOR REPORT
PHOTOMETRIC FILENAME : AI3P33-8-L16-835-(L10)-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

167.0	1121.741	1157.877	1230.455	1298.133	1313.445
167.5	1125.110	1157.265	1225.555	1288.334	1303.033
168.0	1126.947	1156.958	1218.818	1278.534	1292.008
168.5	1128.172	1156.652	1213.612	1269.959	1283.128
169.0	1130.010	1156.652	1208.406	1260.772	1272.103
169.5	1132.460	1155.734	1203.813	1251.279	1261.691
170.0	1133.378	1155.427	1198.913	1242.398	1251.892
170.5	1135.828	1154.509	1193.094	1233.517	1241.786
171.0	1137.666	1154.815	1189.113	1224.330	1232.905
171.5	1137.666	1154.509	1184.520	1216.062	1223.105
172.0	1140.728	1153.590	1180.232	1208.712	1213.612
172.5	1141.340	1153.284	1176.558	1200.138	1204.119
173.0	1142.872	1153.284	1173.801	1193.707	1195.850
173.5	1144.709	1153.896	1169.820	1187.582	1187.276
174.0	1144.403	1152.977	1166.758	1180.539	1179.620
174.5	1145.321	1152.671	1164.614	1175.639	1173.495
175.0	1147.465	1152.671	1162.777	1171.352	1166.146
175.5	1147.771	1152.365	1160.327	1165.839	1162.164
176.0	1148.384	1152.671	1158.796	1163.083	1158.183
176.5	1148.078	1152.059	1156.652	1160.633	1154.509
177.0	1148.996	1151.140	1155.734	1156.652	1150.528
177.5	1150.221	1151.752	1154.509	1155.427	1147.771
178.0	1148.996	1152.059	1152.977	1152.977	1145.934
178.5	1151.752	1151.446	1152.365	1152.059	1143.484
179.0	1149.915	1151.446	1152.671	1150.221	1143.178
179.5	1150.221	1151.752	1150.834	1149.915	1142.565
180.0	1149.609	1149.609	1149.609	1149.609	1149.609

IES INDOOR REPORT
PHOTOMETRIC FILENAME : AI3P33-8-L16-835-(L10)-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	27.75	N.A.	0.30
0-30	61.71	N.A.	0.80
0-40	103.88	N.A.	1.30
0-60	185.17	N.A.	2.30
0-80	237.52	N.A.	2.90
0-90	252.13	N.A.	3.10
10-90	245.21	N.A.	3.00
20-40	76.13	N.A.	0.90
20-50	119.19	N.A.	1.50
40-70	111.84	N.A.	1.40
60-80	52.35	N.A.	0.70
70-80	21.80	N.A.	0.30
80-90	14.61	N.A.	0.20
90-110	1713.46	N.A.	21.30
90-120	3186.1	N.A.	39.60
90-130	4578.4	N.A.	56.80
90-150	6699.39	N.A.	83.20
90-180	7801.62	N.A.	96.90
110-180	6088.16	N.A.	75.60
0-180	8053.75	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	6.92
10-20	20.83
20-30	33.96
30-40	42.17
40-50	43.06
50-60	38.23
60-70	30.55
70-80	21.80
80-90	14.61
90-100	375.77
100-110	1337.69
110-120	1472.64
120-130	1392.3
130-140	1196.04
140-150	924.95
150-160	634.55
160-170	355.70
170-180	111.97

IES INDOOR REPORT
PHOTOMETRIC FILENAME : AI3P33-8-L16-835-(L10)-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	96	96	96	96	82	82	82	82	57	57	57	34	34	34	13	13	13	3
1	87	83	80	76	75	72	69	66	50	48	46	30	29	28	11	11	11	3
2	79	73	67	62	68	62	58	54	44	41	38	26	25	23	10	9	9	2
3	72	64	57	51	62	55	49	45	38	35	32	23	21	20	9	8	8	2
4	66	56	49	43	56	48	42	38	34	30	27	20	18	17	8	7	6	1
5	60	50	42	37	51	43	37	32	30	26	23	18	16	14	7	6	6	1
6	55	44	37	31	47	38	32	27	27	23	20	16	14	12	6	5	5	1
7	51	40	32	27	43	34	28	24	24	20	17	15	12	11	6	5	4	1
8	47	36	28	24	40	31	25	21	22	18	15	13	11	9	5	4	4	1
9	43	32	25	21	37	28	22	18	20	16	13	12	10	8	5	4	3	1
10	40	29	23	18	35	25	20	16	18	14	12	11	9	7	4	3	3	1

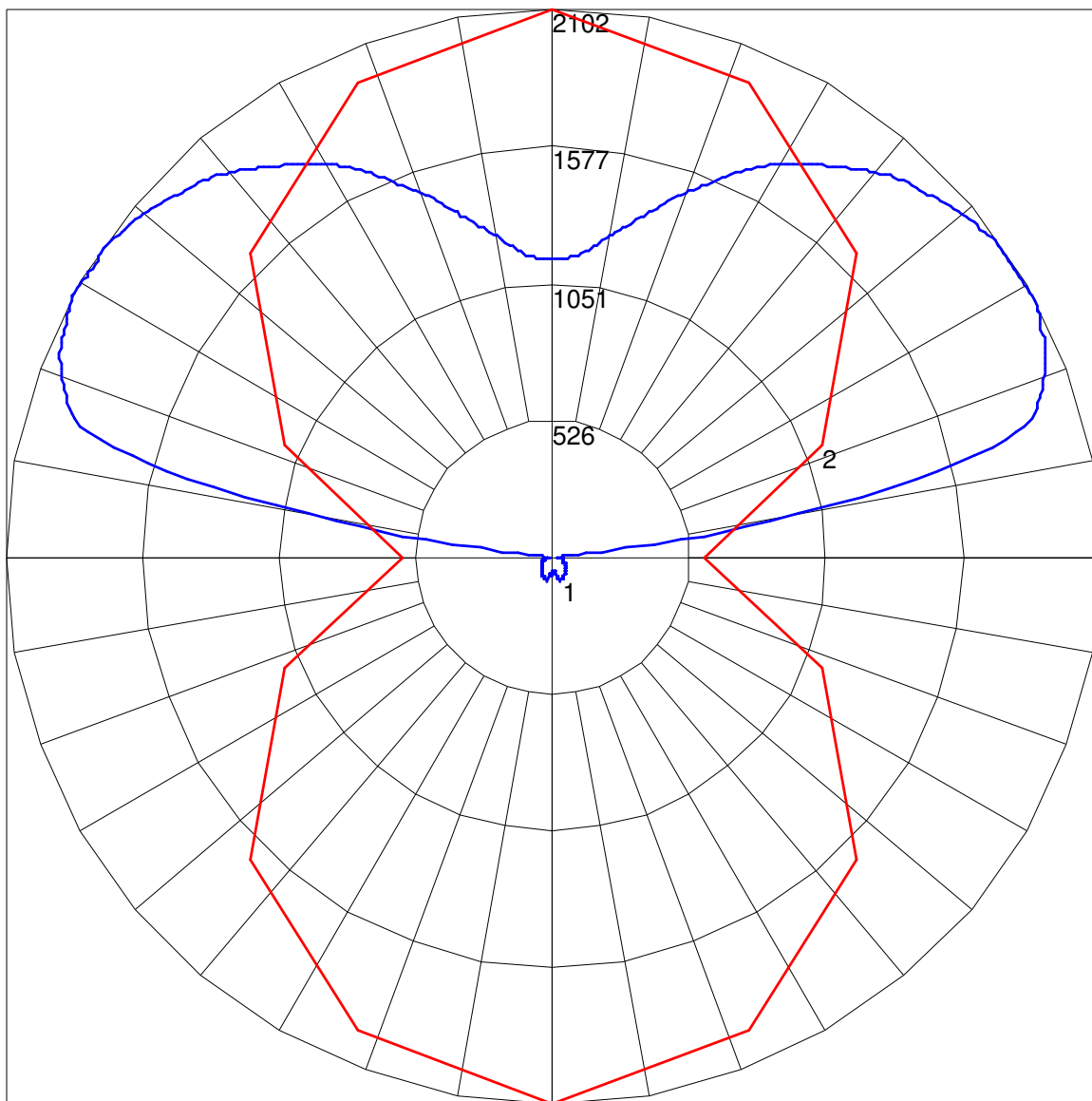
IES INDOOR REPORT
PHOTOMETRIC FILENAME : AI3P33-8-L16-835-(L10)-DIM-UNV_.IES

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	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
	3H	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
	4H	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
	6H	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
	8H	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
	12H	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
4H	2H	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
	3H	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
	4H	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
	6H	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
	8H	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
	12H	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
8H	4H	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
	6H	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
	8H	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
	12H	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
12H	4H	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
	6H	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
	8H	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2

Maximum UGR = 7.2

POLAR GRAPH



Maximum Candela = 2102.308 Located At Horizontal Angle = 90, Vertical Angle = 118.5
1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (118.5) (Through Max. Cd.)