



IES INDOOR REPORT

PHOTOMETRIC FILENAME : AI3SLD-4-L16-835-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL 13320192.01

[TESTLAB] UL Verification Services Inc.

[ISSUE DATE] 19 MAY 2020

[MANUFAC] H E Williams Inc

[LUMCAT] AI3SLD-4-L16/835-S-DIM-UNV

[LUMINAIRE] Formed steel white housing with frosted lens

[LAMP] 835k HLM

[OTHER] This test was performed using the calibrated photodetector met

[MORE] hod of absolute photometry.

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	6162
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	117
Total Luminaire Watts	52.6
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)	4.00 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	0	0	0
55	0	0	0
65	0	0	0
75	0	0	0
85	0	0	0

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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	0.000	0.000	0.000	0.000	0.000
0.5	0.000	0.000	0.000	0.000	0.000
1.0	0.000	0.000	0.000	0.000	0.000
1.5	0.000	0.000	0.000	0.000	0.000
2.0	0.000	0.000	0.000	0.000	0.000
2.5	0.000	0.000	0.000	0.000	0.000
3.0	0.000	0.000	0.000	0.000	0.000
3.5	0.000	0.000	0.000	0.000	0.000
4.0	0.000	0.000	0.000	0.000	0.000
4.5	0.000	0.000	0.000	0.000	0.000
5.0	0.000	0.000	0.000	0.000	0.000
5.5	0.000	0.000	0.000	0.000	0.000
6.0	0.000	0.000	0.000	0.000	0.000
6.5	0.000	0.000	0.000	0.000	0.000
7.0	0.000	0.000	0.000	0.000	0.000
7.5	0.000	0.000	0.000	0.000	0.000
8.0	0.000	0.000	0.000	0.000	0.000
8.5	0.000	0.000	0.000	0.000	0.000
9.0	0.000	0.000	0.000	0.000	0.000
9.5	0.000	0.000	0.000	0.000	0.000
10.0	0.000	0.000	0.000	0.000	0.000
10.5	0.000	0.000	0.000	0.000	0.000
11.0	0.000	0.000	0.000	0.000	0.000
11.5	0.000	0.000	0.000	0.000	0.000
12.0	0.000	0.000	0.000	0.000	0.000
12.5	0.000	0.000	0.000	0.000	0.000
13.0	0.000	0.000	0.000	0.000	0.000
13.5	0.000	0.000	0.000	0.000	0.000
14.0	0.000	0.000	0.000	0.000	0.000
14.5	0.000	0.000	0.000	0.000	0.000
15.0	0.000	0.000	0.000	0.000	0.000
15.5	0.000	0.000	0.000	0.000	0.000
16.0	0.000	0.000	0.000	0.000	0.000
16.5	0.000	0.000	0.000	0.000	0.000
17.0	0.000	0.000	0.000	0.000	0.000
17.5	0.000	0.000	0.000	0.000	0.000
18.0	0.000	0.000	0.000	0.000	0.000
18.5	0.000	0.000	0.000	0.000	0.000
19.0	0.000	0.000	0.000	0.000	0.000
19.5	0.000	0.000	0.000	0.000	0.000
20.0	0.000	0.000	0.000	0.000	0.000
20.5	0.000	0.000	0.000	0.000	0.000
21.0	0.000	0.000	0.000	0.000	0.000
21.5	0.000	0.000	0.000	0.000	0.000
22.0	0.000	0.000	0.000	0.000	0.000
22.5	0.000	0.000	0.000	0.000	0.000
23.0	0.000	0.000	0.000	0.000	0.000
23.5	0.000	0.000	0.000	0.000	0.000
24.0	0.000	0.000	0.000	0.000	0.000
24.5	0.000	0.000	0.000	0.000	0.000
25.0	0.000	0.000	0.000	0.000	0.000
25.5	0.000	0.000	0.000	0.000	0.000
26.0	0.000	0.000	0.000	0.000	0.000
26.5	0.000	0.000	0.000	0.000	0.000

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CANDELA TABULATION - (Cont.)

27.0	0.000	0.000	0.000	0.000	0.000
27.5	0.000	0.000	0.000	0.000	0.000
28.0	0.000	0.000	0.000	0.000	0.000
28.5	0.000	0.000	0.000	0.000	0.000
29.0	0.000	0.000	0.000	0.000	0.000
29.5	0.000	0.000	0.000	0.000	0.000
30.0	0.000	0.000	0.000	0.000	0.000
30.5	0.000	0.000	0.000	0.000	0.000
31.0	0.000	0.000	0.000	0.000	0.000
31.5	0.000	0.000	0.000	0.000	0.000
32.0	0.000	0.000	0.000	0.000	0.000
32.5	0.000	0.000	0.000	0.000	0.000
33.0	0.000	0.000	0.000	0.000	0.000
33.5	0.000	0.000	0.000	0.000	0.000
34.0	0.000	0.000	0.000	0.000	0.000
34.5	0.000	0.000	0.000	0.000	0.000
35.0	0.000	0.000	0.000	0.000	0.000
35.5	0.000	0.000	0.000	0.000	0.000
36.0	0.000	0.000	0.000	0.000	0.000
36.5	0.000	0.000	0.000	0.000	0.000
37.0	0.000	0.000	0.000	0.000	0.000
37.5	0.000	0.000	0.000	0.000	0.000
38.0	0.000	0.000	0.000	0.000	0.000
38.5	0.000	0.000	0.000	0.000	0.000
39.0	0.000	0.000	0.000	0.000	0.000
39.5	0.000	0.000	0.000	0.000	0.000
40.0	0.000	0.000	0.000	0.000	0.000
40.5	0.000	0.000	0.000	0.000	0.000
41.0	0.000	0.000	0.000	0.000	0.000
41.5	0.000	0.000	0.000	0.000	0.000
42.0	0.000	0.000	0.000	0.000	0.000
42.5	0.000	0.000	0.000	0.000	0.000
43.0	0.000	0.000	0.000	0.000	0.000
43.5	0.000	0.000	0.000	0.000	0.000
44.0	0.000	0.000	0.000	0.000	0.000
44.5	0.000	0.000	0.000	0.000	0.000
45.0	0.000	0.000	0.000	0.000	0.000
45.5	0.000	0.000	0.000	0.000	0.000
46.0	0.000	0.000	0.000	0.000	0.000
46.5	0.000	0.000	0.000	0.000	0.000
47.0	0.000	0.000	0.000	0.000	0.000
47.5	0.000	0.000	0.000	0.000	0.000
48.0	0.000	0.000	0.000	0.000	0.000
48.5	0.000	0.000	0.000	0.000	0.000
49.0	0.000	0.000	0.000	0.000	0.000
49.5	0.000	0.000	0.000	0.000	0.000
50.0	0.000	0.000	0.000	0.000	0.000
50.5	0.000	0.000	0.000	0.000	0.000
51.0	0.000	0.000	0.000	0.000	0.000
51.5	0.000	0.000	0.000	0.000	0.000
52.0	0.000	0.000	0.000	0.000	0.000
52.5	0.000	0.000	0.000	0.000	0.000
53.0	0.000	0.000	0.000	0.000	0.000
53.5	0.000	0.000	0.000	0.000	0.000
54.0	0.000	0.000	0.000	0.000	0.000
54.5	0.000	0.000	0.000	0.000	0.000

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CANDELA TABULATION - (Cont.)

55.0	0.000	0.000	0.000	0.000	0.000
55.5	0.000	0.000	0.000	0.000	0.000
56.0	0.000	0.000	0.000	0.000	0.000
56.5	0.000	0.000	0.000	0.000	0.000
57.0	0.000	0.000	0.000	0.000	0.000
57.5	0.000	0.000	0.000	0.000	0.000
58.0	0.000	0.000	0.000	0.000	0.000
58.5	0.000	0.000	0.000	0.000	0.000
59.0	0.000	0.000	0.000	0.000	0.000
59.5	0.000	0.000	0.000	0.000	0.000
60.0	0.000	0.000	0.000	0.000	0.000
60.5	0.000	0.000	0.000	0.000	0.000
61.0	0.000	0.000	0.000	0.000	0.000
61.5	0.000	0.000	0.000	0.000	0.000
62.0	0.000	0.000	0.000	0.000	0.000
62.5	0.000	0.000	0.000	0.000	0.000
63.0	0.000	0.000	0.000	0.000	0.000
63.5	0.000	0.000	0.000	0.000	0.000
64.0	0.000	0.000	0.000	0.000	0.000
64.5	0.000	0.000	0.000	0.000	0.000
65.0	0.000	0.000	0.000	0.000	0.000
65.5	0.000	0.000	0.000	0.000	0.000
66.0	0.000	0.000	0.000	0.000	0.000
66.5	0.000	0.000	0.000	0.000	0.000
67.0	0.000	0.000	0.000	0.000	0.000
67.5	0.000	0.000	0.000	0.000	0.000
68.0	0.000	0.000	0.000	0.000	0.000
68.5	0.000	0.000	0.000	0.000	0.000
69.0	0.000	0.000	0.000	0.000	0.000
69.5	0.000	0.000	0.000	0.000	0.000
70.0	0.000	0.000	0.000	0.000	0.000
70.5	0.000	0.000	0.000	0.000	0.000
71.0	0.000	0.000	0.000	0.000	0.000
71.5	0.000	0.000	0.000	0.000	0.000
72.0	0.000	0.000	0.000	0.000	0.000
72.5	0.000	0.000	0.000	0.000	0.000
73.0	0.000	0.000	0.000	0.000	0.000
73.5	0.000	0.000	0.000	0.000	0.000
74.0	0.000	0.000	0.000	0.000	0.000
74.5	0.000	0.000	0.000	0.000	0.000
75.0	0.000	0.000	0.000	0.000	0.000
75.5	0.000	0.000	0.000	0.000	0.000
76.0	0.000	0.000	0.000	0.000	0.000
76.5	0.000	0.000	0.000	0.000	0.000
77.0	0.000	0.000	0.000	0.000	0.000
77.5	0.000	0.000	0.000	0.000	0.000
78.0	0.000	0.000	0.000	0.000	0.000
78.5	0.000	0.000	0.000	0.000	0.000
79.0	0.000	0.000	0.000	0.000	0.000
79.5	0.000	0.000	0.000	0.000	0.000
80.0	0.000	0.000	0.000	0.000	0.000
80.5	0.000	0.000	0.000	0.000	0.000
81.0	0.000	0.000	0.000	0.000	0.000
81.5	0.000	0.000	0.000	0.000	0.000
82.0	0.000	0.000	0.000	0.000	0.000
82.5	0.000	0.000	0.000	0.000	0.000

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CANDELA TABULATION - (Cont.)

83.0	0.000	0.000	0.000	0.000	0.000
83.5	0.000	0.000	0.000	0.000	0.000
84.0	0.000	0.000	0.000	0.000	0.000
84.5	0.000	0.000	0.000	0.000	0.000
85.0	0.000	0.000	0.000	0.000	0.000
85.5	0.000	0.000	0.000	0.000	0.000
86.0	0.000	0.000	0.000	0.000	0.000
86.5	0.000	0.000	0.000	0.000	0.000
87.0	0.000	0.000	0.000	0.000	0.000
87.5	0.000	0.000	0.000	0.000	0.000
88.0	0.000	0.000	0.000	0.000	0.000
88.5	0.000	0.000	0.000	0.000	0.000
89.0	0.000	0.000	0.000	0.000	0.000
89.5	0.000	0.000	0.000	0.000	0.000
90.0	4.783	32.581	18.137	19.203	20.363
90.5	7.577	64.996	21.878	22.660	23.583
91.0	11.081	95.517	28.153	26.567	27.182
91.5	16.267	132.952	39.897	30.781	31.089
92.0	23.631	175.501	62.747	37.269	35.375
92.5	30.592	212.202	102.502	47.806	41.697
93.0	38.027	243.172	150.568	67.837	55.406
93.5	45.698	265.666	204.412	101.507	79.747
94.0	53.607	281.767	274.427	151.705	117.727
94.5	61.492	304.262	348.539	212.912	171.049
95.0	69.471	334.096	406.313	278.689	244.120
95.5	77.522	370.323	453.196	348.066	322.730
96.0	85.619	411.523	493.922	416.021	391.870
96.5	93.599	458.168	527.308	482.793	454.143
97.0	101.697	503.156	555.484	547.908	518.073
97.5	109.889	540.804	581.530	605.918	583.188
98.0	118.390	568.271	608.760	649.249	646.645
98.5	126.819	590.054	643.566	680.504	693.527
99.0	135.438	606.392	688.791	703.708	728.333
99.5	144.222	617.047	742.303	728.570	749.880
100.0	152.699	627.465	801.972	760.535	767.639
100.5	161.152	639.541	865.665	800.314	792.264
101.0	169.889	650.196	930.780	847.907	828.254
101.5	178.721	659.194	984.529	904.971	869.928
102.0	187.790	668.191	1026.675	963.692	912.785
102.5	196.574	675.295	1061.009	1025.255	965.113
103.0	205.596	682.161	1089.422	1084.923	1025.965
103.5	214.380	689.265	1113.337	1145.302	1091.790
104.0	223.259	697.079	1132.989	1203.550	1159.509
104.5	231.925	706.550	1146.249	1257.535	1225.570
105.0	240.805	714.363	1156.431	1303.944	1287.133
105.5	249.329	721.230	1165.428	1343.723	1340.645
106.0	258.563	729.517	1172.295	1376.399	1385.633
106.5	267.561	738.041	1178.451	1400.550	1421.387
107.0	276.322	745.145	1183.897	1419.256	1453.352
107.5	285.082	753.195	1190.764	1432.279	1480.582
108.0	293.843	761.719	1196.210	1442.934	1505.207
108.5	302.841	769.296	1202.366	1451.695	1525.806
109.0	312.075	778.294	1208.522	1458.561	1539.776
109.5	320.363	785.634	1213.731	1467.322	1549.248
110.0	328.887	792.737	1219.651	1474.189	1558.482
110.5	335.990	800.314	1223.913	1482.713	1564.402

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CANDELA TABULATION - (Cont.)

111.0	343.804	806.707	1229.595	1489.816	1573.162
111.5	352.091	813.337	1235.515	1494.552	1580.029
112.0	360.615	819.257	1243.092	1497.156	1585.475
112.5	369.613	825.887	1247.827	1501.181	1589.263
113.0	378.137	832.516	1251.379	1505.207	1594.236
113.5	386.661	837.726	1254.457	1508.758	1597.551
114.0	395.422	842.698	1259.193	1513.020	1600.155
114.5	403.946	849.801	1262.745	1517.282	1604.180
115.0	412.233	854.537	1266.533	1521.308	1607.259
115.5	420.994	859.746	1269.848	1524.623	1611.521
116.0	428.571	865.665	1273.636	1529.832	1613.415
116.5	437.095	870.401	1278.846	1533.620	1619.098
117.0	444.908	874.900	1284.528	1535.514	1619.808
117.5	453.669	879.635	1288.554	1538.119	1624.780
118.0	461.483	885.081	1292.342	1539.066	1628.806
118.5	469.770	889.107	1294.710	1540.250	1631.410
119.0	478.294	893.132	1299.209	1541.197	1633.068
119.5	486.108	897.867	1300.392	1542.855	1636.856
120.0	493.685	901.656	1303.471	1544.275	1639.934
120.5	501.499	904.261	1305.838	1545.222	1637.803
121.0	509.076	908.049	1308.443	1545.222	1638.750
121.5	516.416	911.364	1309.390	1546.880	1638.750
122.0	524.230	914.679	1312.468	1546.643	1637.093
122.5	532.043	917.994	1313.652	1547.590	1636.856
123.0	538.910	920.598	1315.310	1548.537	1636.382
123.5	546.013	923.676	1317.677	1548.064	1634.962
124.0	553.353	926.755	1319.098	1548.774	1633.068
124.5	560.930	929.122	1320.045	1548.774	1633.068
125.0	568.507	930.069	1320.992	1548.774	1633.068
125.5	575.137	932.911	1321.703	1548.064	1632.831
126.0	582.241	935.515	1322.176	1547.827	1631.884
126.5	589.107	938.357	1321.939	1547.117	1630.463
127.0	595.974	940.014	1322.650	1546.880	1629.516
127.5	603.077	941.672	1323.360	1545.933	1625.727
128.0	609.233	944.513	1322.650	1543.328	1622.649
128.5	615.863	945.460	1322.650	1542.855	1618.861
129.0	621.546	946.881	1321.939	1541.434	1614.836
129.5	628.176	948.775	1320.282	1540.250	1609.390
130.0	635.042	949.012	1320.519	1537.882	1608.206
130.5	641.435	949.959	1318.861	1535.278	1604.891
131.0	647.355	951.380	1317.914	1534.331	1602.286
131.5	653.985	952.564	1316.257	1531.252	1599.445
132.0	659.904	952.800	1314.836	1529.121	1596.604
132.5	665.350	953.984	1312.705	1526.517	1595.656
133.0	670.559	955.642	1310.574	1523.675	1590.447
133.5	676.005	955.405	1308.206	1520.834	1585.475
134.0	681.925	955.642	1305.602	1516.572	1580.266
134.5	687.134	956.589	1302.997	1512.784	1574.820
135.0	692.106	955.642	1298.972	1508.995	1570.558
135.5	698.262	956.352	1295.657	1504.023	1565.112
136.0	702.761	956.826	1292.342	1499.524	1560.376
136.5	707.734	957.299	1289.974	1495.025	1557.298
137.0	713.180	956.826	1287.133	1489.106	1550.668
137.5	717.915	957.062	1284.055	1484.844	1548.301
138.0	723.361	956.589	1278.846	1478.687	1541.671
138.5	728.570	956.589	1275.531	1472.531	1536.462

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CANDELA TABULATION - (Cont.)

139.0	733.306	956.589	1270.795	1466.375	1530.779
139.5	738.278	956.826	1266.059	1460.929	1523.439
140.0	742.540	956.589	1261.087	1457.140	1518.703
140.5	747.513	956.115	1257.299	1450.037	1510.416
141.0	751.538	955.405	1253.510	1444.828	1504.733
141.5	756.984	955.642	1248.775	1439.856	1497.867
142.0	761.483	955.405	1245.223	1432.279	1491.947
142.5	765.981	955.168	1241.198	1427.069	1483.186
143.0	770.954	955.642	1237.172	1422.097	1476.556
143.5	775.689	955.878	1232.200	1416.178	1469.690
144.0	780.662	955.405	1227.938	1409.548	1464.244
144.5	785.397	955.168	1222.966	1403.865	1454.299
145.0	789.659	954.458	1219.651	1396.525	1449.090
145.5	793.448	954.695	1215.862	1389.895	1442.460
146.0	797.710	954.695	1211.363	1383.502	1433.699
146.5	802.919	953.984	1206.154	1377.109	1428.964
147.0	807.181	954.458	1201.182	1370.242	1419.966
147.5	812.153	953.747	1196.920	1363.613	1413.099
148.0	815.705	954.931	1192.658	1356.272	1407.654
148.5	820.204	955.405	1188.633	1350.116	1397.946
149.0	824.466	954.695	1183.423	1343.013	1393.210
149.5	828.965	953.984	1179.161	1336.383	1385.633
150.0	832.280	953.747	1174.189	1329.280	1377.819
150.5	836.068	954.221	1168.980	1322.413	1368.822
151.0	839.620	954.458	1163.297	1314.362	1360.534
151.5	844.592	953.747	1158.798	1306.312	1352.721
152.0	848.617	954.221	1152.405	1298.972	1343.250
152.5	852.169	953.984	1146.249	1290.448	1334.252
153.0	856.194	953.511	1141.750	1282.634	1326.201
153.5	859.983	953.984	1136.304	1273.636	1316.730
154.0	863.061	953.274	1131.095	1264.876	1306.786
154.5	867.323	952.564	1126.123	1255.641	1296.604
155.0	870.638	953.747	1120.440	1247.591	1286.896
155.5	873.006	953.274	1114.994	1238.593	1275.767
156.0	876.557	953.274	1109.312	1230.306	1266.770
156.5	879.872	953.511	1104.576	1222.019	1254.694
157.0	882.714	953.747	1099.840	1213.731	1247.591
157.5	886.976	954.221	1093.447	1204.970	1235.752
158.0	889.343	954.695	1088.475	1197.393	1226.991
158.5	892.185	955.642	1083.503	1188.869	1216.336
159.0	895.263	955.642	1078.530	1179.872	1206.865
159.5	896.684	955.405	1073.084	1170.874	1197.393
160.0	900.709	955.878	1069.059	1162.350	1188.396
160.5	901.893	955.642	1063.376	1153.589	1177.978
161.0	904.497	955.878	1058.877	1145.302	1169.453
161.5	907.102	955.878	1053.905	1136.541	1159.272
162.0	909.233	956.589	1048.222	1127.780	1152.169
162.5	911.364	956.352	1044.434	1119.730	1141.750
163.0	913.258	956.589	1039.462	1111.916	1134.884
163.5	915.152	957.299	1036.383	1104.576	1123.518
164.0	918.941	957.062	1031.411	1096.525	1115.705
164.5	918.704	956.589	1027.386	1090.369	1106.944
165.0	922.019	957.062	1023.361	1082.555	1098.893
165.5	922.729	957.299	1019.335	1075.689	1090.369
166.0	925.807	957.062	1015.073	1068.349	1083.266
166.5	927.465	956.826	1010.338	1062.192	1075.452

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CANDELA TABULATION - (Cont.)

167.0	929.122	957.773	1007.260	1054.852	1067.875
167.5	931.253	957.062	1003.471	1047.275	1060.061
168.0	933.148	957.299	999.446	1041.593	1052.484
168.5	935.042	957.299	996.841	1034.726	1046.091
169.0	936.463	957.773	993.763	1028.333	1037.567
169.5	937.646	957.536	989.738	1021.466	1030.701
170.0	938.594	957.773	987.370	1015.784	1022.650
170.5	941.198	957.062	984.766	1009.391	1016.731
171.0	941.908	958.246	980.504	1003.945	1009.391
171.5	943.092	958.009	979.320	997.788	1001.814
172.0	944.750	957.299	976.952	993.290	995.894
172.5	945.934	957.773	974.347	989.501	990.448
173.0	947.118	956.826	972.927	984.055	985.002
173.5	948.302	957.299	971.269	980.504	979.083
174.0	947.591	957.773	968.901	977.189	975.531
174.5	950.196	957.299	967.244	973.874	971.743
175.0	950.906	957.536	966.060	971.032	967.481
175.5	950.669	956.826	964.166	968.665	965.113
176.0	951.616	956.115	962.745	966.060	962.035
176.5	952.800	956.589	961.561	962.982	959.430
177.0	953.511	957.062	960.377	962.035	957.299
177.5	952.564	955.878	958.720	960.377	955.405
178.0	953.511	956.352	958.246	958.246	953.274
178.5	953.511	956.589	957.536	957.062	951.616
179.0	954.458	956.115	956.115	956.115	950.433
179.5	953.511	956.115	956.115	955.878	949.959
180.0	954.458	954.458	954.458	954.458	954.458

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	0.00	N.A.	0.00
0-30	0.00	N.A.	0.00
0-40	0.00	N.A.	0.00
0-60	0.00	N.A.	0.00
0-80	0.00	N.A.	0.00
0-90	0.57	N.A.	0.00
10-90	0.57	N.A.	0.00
20-40	0.00	N.A.	0.00
20-50	0.00	N.A.	0.00
40-70	0.00	N.A.	0.00
60-80	0.00	N.A.	0.00
70-80	0.00	N.A.	0.00
80-90	0.57	N.A.	0.00
90-110	1336.06	N.A.	21.70
90-120	2488.11	N.A.	40.40
90-130	3584.93	N.A.	58.20
90-150	5268.42	N.A.	85.50
90-180	6161.38	N.A.	100.00
110-180	4825.32	N.A.	78.30
0-180	6161.94	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	0.00
10-20	0.00
20-30	0.00
30-40	0.00
40-50	0.00
50-60	0.00
60-70	0.00
70-80	0.00
80-90	0.57
90-100	337.88
100-110	998.18
110-120	1152.05
120-130	1096.82
130-140	946.47
140-150	737.03
150-160	510.27
160-170	290.05
170-180	92.64

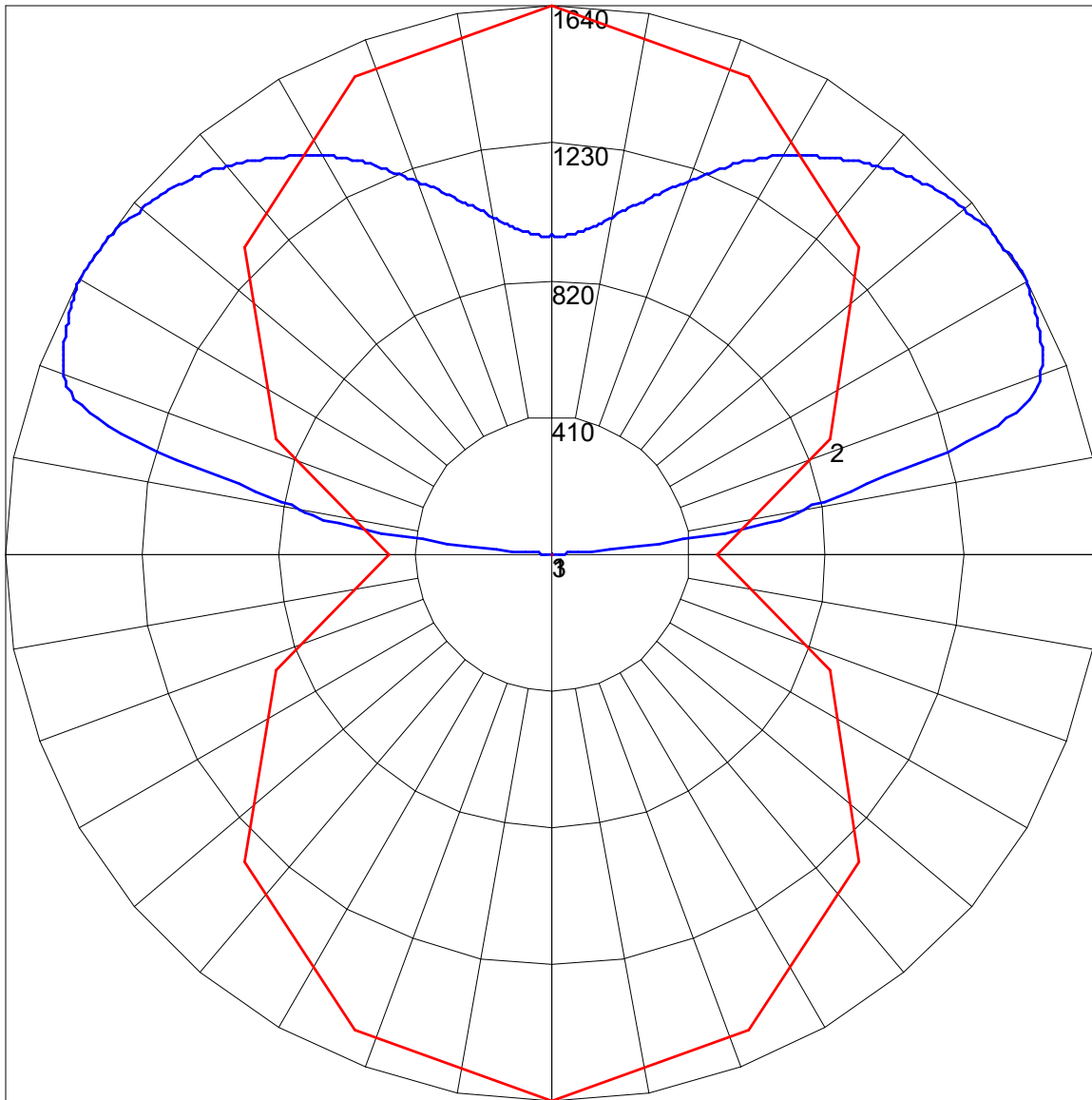
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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
0	226	226	226	226	193	193	193	193	132	132	132	76	76	76	24	24	24	0
1	205	196	187	180	175	167	161	155	114	111	107	66	64	62	21	21	20	0
2	187	171	157	146	159	146	135	126	100	94	88	58	55	52	19	18	17	0
3	170	149	134	121	144	128	115	105	88	80	74	51	47	43	16	15	14	0
4	155	132	115	102	132	113	99	88	78	69	62	45	40	37	14	13	12	0
5	142	117	99	86	120	100	86	75	69	60	53	40	35	31	13	11	10	0
6	130	104	86	74	110	89	75	64	62	52	45	36	31	27	12	10	9	0
7	119	93	76	64	102	80	66	55	55	46	39	32	27	23	10	9	8	0
8	110	84	67	55	94	72	58	48	50	41	34	29	24	20	9	8	7	0
9	102	76	59	48	87	65	52	42	45	36	30	26	21	18	9	7	6	0
10	95	69	53	43	81	59	46	37	41	32	26	24	19	16	8	6	5	0

POLAR GRAPH



Maximum Candela = 1639.934 Located At Horizontal Angle = 90, Vertical Angle = 120
1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (120) (Through Max. Cd.)
3 - Horizontal Cone Through Vertical Angle (0)