



IES INDOOR REPORT

PHOTOMETRIC FILENAME : P23-FLSH-LED35-HO-MBW-D1.IES

DESCRIPTION INFORMATION (From Photometric File)

[IESNA:LM-63-2002

[TEST] 11476049.01

[TESTLAB] UL Verification Services Inc.

[ISSUEDATE]

[MANUFAC] Prudential Lighting Corp

[LUMCAT] P23-FLSH-LED35-HO-MBW-D1

[LUMINAIRE] Rectangular formed white aluminum housing with internal wh

[MORE] ite aluminum reflectors and a plastic lens with a diffuser

[LAMP] 120 White LEDs

[BALLAST]

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3746
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	94
Total Luminaire Watts	40
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.66
Spacing Criterion (90-270)	1.08
Spacing Criterion (Diagonal)	1.62
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.22 ft
Luminous Width (90-270)	3.98 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	18138	18899	10296
55	14860	16872	9935
65	11351	13235	9078
75	8047	9166	7099
85	4331	4954	4007

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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	1134.760	1134.760	1134.760	1134.760	1134.760
0.5	1141.800	1135.860	1135.640	1134.760	1128.160
1.0	1143.780	1136.740	1135.640	1134.320	1128.160
1.5	1147.300	1139.160	1136.520	1134.100	1127.720
2.0	1150.820	1142.680	1138.060	1134.540	1125.960
2.5	1155.220	1146.420	1141.140	1133.880	1125.960
3.0	1160.500	1151.260	1142.240	1133.880	1124.200
3.5	1167.980	1156.760	1144.880	1133.660	1122.660
4.0	1175.240	1163.360	1147.520	1132.560	1121.120
4.5	1185.140	1170.400	1151.480	1132.120	1119.360
5.0	1193.500	1177.440	1154.780	1131.680	1116.940
5.5	1202.520	1185.580	1158.740	1131.240	1114.300
6.0	1213.300	1194.380	1162.700	1130.360	1111.220
6.5	1226.060	1203.180	1167.760	1129.480	1108.580
7.0	1236.400	1213.080	1173.260	1129.260	1105.280
7.5	1248.940	1222.980	1177.660	1127.940	1102.860
8.0	1261.260	1233.320	1184.040	1127.280	1098.240
8.5	1273.580	1244.100	1188.440	1126.400	1094.060
9.0	1287.000	1255.320	1194.600	1125.740	1089.440
9.5	1300.860	1266.980	1200.540	1124.420	1085.260
10.0	1313.400	1277.540	1206.480	1123.980	1080.860
10.5	1327.480	1288.980	1212.860	1122.440	1075.360
11.0	1340.240	1299.980	1218.800	1120.900	1070.960
11.5	1353.000	1310.980	1224.960	1120.240	1065.680
12.0	1365.540	1322.420	1230.900	1118.920	1060.840
12.5	1377.860	1333.420	1237.280	1117.600	1054.900
13.0	1390.400	1343.760	1243.440	1116.280	1049.620
13.5	1401.180	1355.200	1250.040	1114.080	1043.460
14.0	1412.840	1365.100	1255.980	1112.540	1037.520
14.5	1423.620	1375.880	1262.360	1112.100	1031.800
15.0	1434.400	1385.120	1267.420	1110.340	1025.860
15.5	1443.200	1393.920	1273.360	1107.700	1018.820
16.0	1453.100	1402.280	1278.420	1106.160	1012.880
16.5	1462.340	1410.640	1283.920	1104.620	1006.500
17.0	1471.140	1419.000	1288.980	1102.420	998.800
17.5	1479.940	1426.260	1293.380	1101.320	993.300
18.0	1486.320	1433.960	1298.000	1099.560	985.600
18.5	1493.360	1441.880	1303.060	1096.920	978.120
19.0	1500.620	1447.380	1307.460	1094.500	971.960
19.5	1507.000	1453.540	1311.640	1092.300	964.480
20.0	1512.280	1459.260	1314.720	1090.100	957.220
20.5	1516.900	1463.880	1318.240	1087.680	950.400
21.0	1522.180	1467.620	1321.540	1085.040	942.700
21.5	1527.020	1472.020	1324.840	1082.620	935.000
22.0	1527.680	1475.100	1326.600	1080.200	927.740
22.5	1530.540	1477.960	1330.340	1076.900	920.260
23.0	1532.300	1480.380	1331.440	1074.920	913.220
23.5	1532.300	1483.020	1333.420	1070.520	905.080
24.0	1532.520	1484.340	1334.960	1067.440	897.820
24.5	1534.280	1483.900	1336.280	1064.360	889.680
25.0	1532.080	1484.560	1337.160	1061.060	881.760
25.5	1531.640	1483.900	1337.600	1057.540	874.500
26.0	1528.780	1482.800	1338.920	1054.020	866.580
26.5	1526.800	1481.700	1338.260	1050.060	859.540

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CANDELA TABULATION - (Cont.)

27.0	1522.840	1480.380	1338.260	1045.880	850.740
27.5	1519.320	1478.180	1338.040	1041.920	843.700
28.0	1513.160	1474.880	1336.720	1037.300	834.900
28.5	1508.320	1470.700	1335.840	1033.120	829.400
29.0	1501.940	1466.740	1334.300	1028.720	821.480
29.5	1497.540	1461.900	1331.880	1024.100	813.560
30.0	1488.740	1457.500	1329.460	1018.820	804.980
30.5	1482.360	1451.780	1326.820	1014.200	797.500
31.0	1472.460	1445.620	1323.520	1009.360	790.240
31.5	1462.780	1438.580	1319.780	1004.300	783.200
32.0	1453.320	1430.440	1316.480	998.360	775.940
32.5	1443.200	1422.960	1312.960	992.640	766.920
33.0	1432.860	1414.380	1308.120	987.360	760.980
33.5	1420.320	1405.360	1303.720	982.080	753.500
34.0	1407.780	1396.340	1298.440	975.920	746.680
34.5	1396.120	1385.340	1292.500	969.980	738.540
35.0	1382.480	1374.560	1286.340	963.820	732.820
35.5	1368.180	1363.780	1279.960	957.440	725.340
36.0	1354.320	1351.460	1273.580	951.280	718.300
36.5	1340.240	1339.580	1266.320	944.460	710.600
37.0	1324.400	1327.260	1258.840	938.080	704.220
37.5	1307.680	1313.620	1251.140	931.260	696.960
38.0	1291.840	1301.080	1243.000	923.340	689.260
38.5	1274.460	1286.560	1233.540	916.520	682.660
39.0	1257.960	1272.700	1225.180	909.260	675.620
39.5	1240.800	1258.400	1215.500	901.780	669.020
40.0	1223.860	1242.560	1206.700	894.740	661.760
40.5	1205.820	1227.380	1196.580	887.040	655.160
41.0	1189.100	1211.980	1186.680	879.120	647.680
41.5	1171.280	1195.920	1175.680	871.420	641.300
42.0	1154.340	1180.080	1165.120	863.060	635.140
42.5	1137.620	1164.240	1153.020	854.480	628.540
43.0	1118.920	1147.960	1142.240	847.220	622.380
43.5	1101.980	1131.020	1129.920	837.540	617.760
44.0	1083.940	1114.960	1118.040	828.520	611.600
44.5	1065.900	1097.800	1105.720	820.820	603.240
45.0	1048.740	1081.520	1092.740	811.360	595.320
45.5	1030.920	1064.580	1079.320	803.220	588.280
46.0	1012.660	1047.860	1066.340	793.100	581.680
46.5	994.620	1030.260	1052.700	784.300	575.300
47.0	977.240	1012.440	1038.620	774.620	569.140
47.5	958.320	995.500	1024.760	765.600	563.200
48.0	940.500	977.900	1010.240	756.140	555.940
48.5	922.240	959.860	995.500	746.240	549.340
49.0	905.520	942.480	980.760	735.900	543.840
49.5	887.260	924.660	965.800	726.000	539.880
50.0	869.660	906.840	950.620	716.100	533.500
50.5	851.400	888.140	935.660	705.980	525.360
51.0	834.900	870.980	919.820	695.420	516.340
51.5	816.420	852.500	903.760	684.420	509.080
52.0	798.600	834.240	887.920	673.860	502.260
52.5	783.860	816.860	872.960	663.300	496.100
53.0	765.380	799.040	856.680	652.520	489.060
53.5	747.560	782.100	840.400	641.960	482.680
54.0	731.060	764.500	823.460	630.520	478.280
54.5	713.680	746.460	808.060	619.300	473.220

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55.0	696.960	729.300	791.340	608.520	465.960
55.5	680.020	711.920	774.400	597.520	456.060
56.0	663.740	694.980	758.780	585.860	447.920
56.5	646.800	678.040	740.520	575.080	440.880
57.0	629.640	660.880	723.800	563.420	433.400
57.5	613.360	644.600	707.080	552.200	426.800
58.0	597.960	627.440	689.700	540.760	422.620
58.5	581.240	610.940	672.540	529.100	416.900
59.0	565.620	594.880	655.600	517.660	408.760
59.5	549.560	578.600	638.660	506.000	398.420
60.0	534.380	562.540	621.500	494.340	389.840
60.5	519.420	546.480	604.560	482.680	382.140
61.0	504.020	531.080	587.840	471.240	376.200
61.5	489.280	515.460	570.900	459.580	370.480
62.0	474.760	500.500	554.400	447.480	363.000
62.5	460.900	485.540	537.900	435.820	353.100
63.0	446.380	470.800	521.400	423.940	343.420
63.5	432.520	456.060	505.120	412.280	335.720
64.0	419.100	441.540	488.840	400.620	330.220
64.5	405.460	427.460	473.000	388.740	322.960
65.0	392.260	413.380	457.380	376.860	313.720
65.5	378.840	399.960	441.540	364.980	303.600
66.0	365.860	386.100	426.580	353.760	296.120
66.5	353.540	372.900	411.400	342.540	289.740
67.0	341.440	359.700	396.220	331.100	280.720
67.5	329.120	346.720	381.920	319.660	270.600
68.0	317.020	333.960	367.620	308.220	262.900
68.5	304.700	321.640	353.320	297.000	255.640
69.0	293.040	309.320	339.460	286.440	247.060
69.5	281.380	297.220	325.820	275.440	238.040
70.0	269.940	285.560	312.620	264.880	230.780
70.5	258.720	273.900	299.640	254.320	222.200
71.0	248.160	262.460	286.440	243.980	213.928
71.5	238.260	251.240	274.120	233.860	206.096
72.0	227.920	240.900	261.800	223.740	197.802
72.5	217.646	230.120	250.140	214.126	189.530
73.0	208.164	219.560	238.260	204.512	181.500
73.5	198.286	209.374	226.600	194.920	173.338
74.0	188.584	199.320	215.622	185.658	165.726
74.5	179.256	189.420	204.578	176.528	157.828
75.0	170.302	179.938	193.996	167.398	150.238
75.5	161.348	170.566	183.700	158.620	142.780
76.0	152.482	161.304	173.514	149.974	135.476
76.5	143.946	152.174	163.504	141.504	128.084
77.0	135.498	143.462	153.714	133.276	121.110
77.5	127.314	134.728	144.232	125.290	114.180
78.0	119.394	126.302	135.124	117.414	107.448
78.5	111.716	118.184	126.060	109.802	100.958
79.0	104.038	110.308	117.458	102.388	94.578
79.5	96.602	102.520	108.944	95.216	88.484
80.0	89.430	95.018	100.782	88.154	82.038
80.5	82.456	87.758	92.928	81.422	76.406
81.0	75.680	80.784	85.338	74.844	70.290
81.5	69.278	74.074	78.122	68.530	64.130
82.0	63.096	67.540	71.060	62.502	58.278
82.5	57.090	61.292	64.350	56.584	52.646

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CANDELA TABULATION - (Cont.)

83.0	51.326	55.286	57.904	50.930	47.124
83.5	45.760	49.566	51.744	45.540	42.064
84.0	40.546	44.132	45.958	40.436	37.290
84.5	35.552	39.006	40.458	35.772	32.780
85.0	30.866	34.166	35.310	31.152	28.556
85.5	26.444	29.634	30.448	26.884	24.574
86.0	22.352	25.388	25.938	22.902	20.834
86.5	18.612	21.472	21.802	19.162	17.380
87.0	15.246	17.842	18.040	15.818	14.190
87.5	12.100	14.586	14.586	12.804	11.462
88.0	9.284	11.792	11.660	10.142	8.998
88.5	6.820	9.416	9.218	7.810	6.996
89.0	4.928	7.304	7.106	6.028	5.324
89.5	3.586	5.632	5.280	4.554	3.916
90.0	2.442	4.290	3.916	3.476	2.904
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

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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 : P23-FLSH-LED35-HO-MBW-D1.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 : P23-FLSH-LED35-HO-MBW-D1.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	465.69	N.A.	12.40
0-30	1051.71	N.A.	28.10
0-40	1781.56	N.A.	47.60
0-60	3119.03	N.A.	83.30
0-80	3704.97	N.A.	98.90
0-90	3745.98	N.A.	100.00
10-90	3634.23	N.A.	97.00
20-40	1315.88	N.A.	35.10
20-50	2048.46	N.A.	54.70
40-70	1735.12	N.A.	46.30
60-80	585.94	N.A.	15.60
70-80	188.29	N.A.	5.00
80-90	41.01	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	3746.08	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	111.76
10-20	353.93
20-30	586.02
30-40	729.85
40-50	732.59
50-60	604.88
60-70	397.65
70-80	188.29
80-90	41.01
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

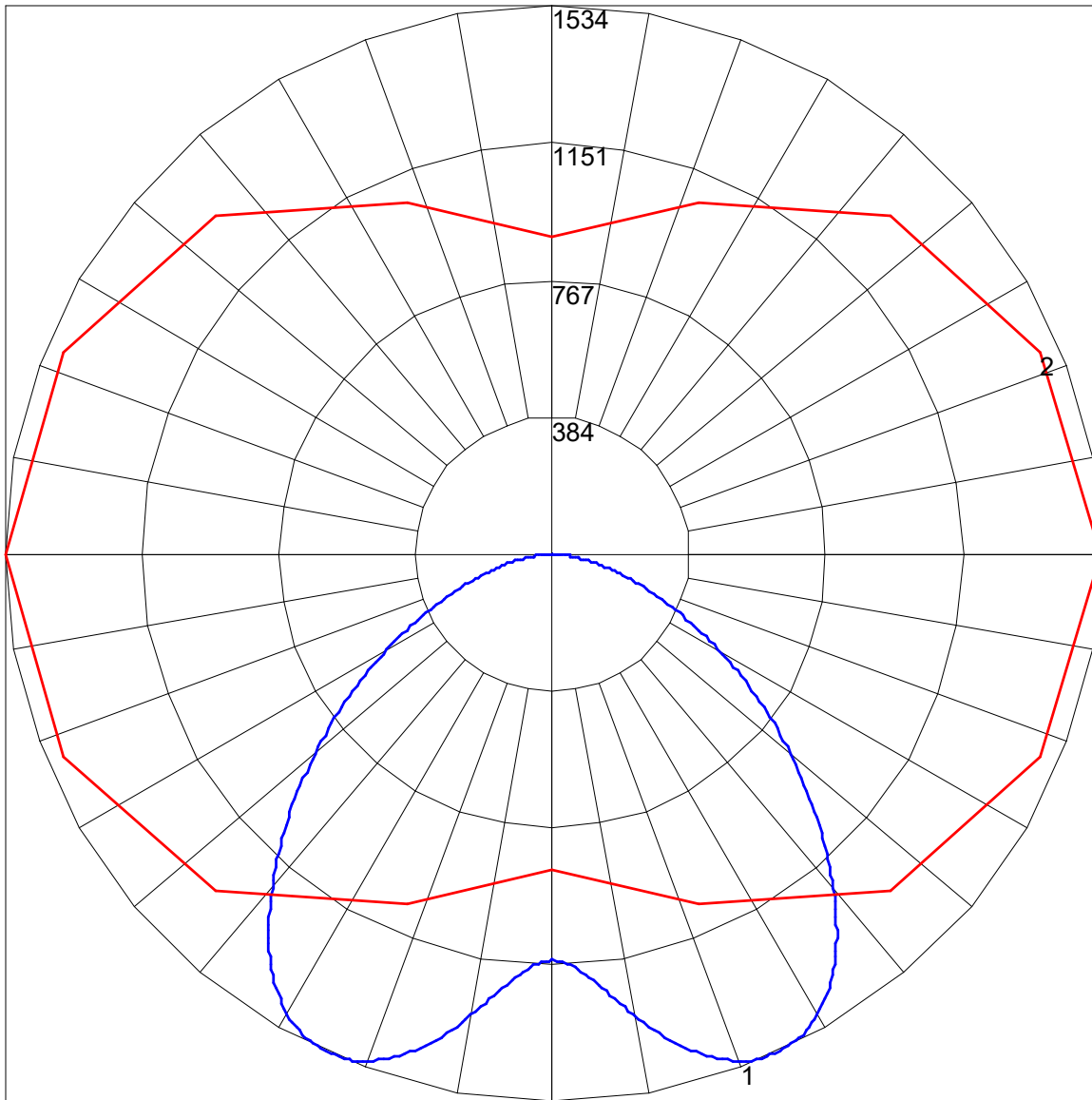
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	109	105	101	97	107	103	99	96	99	96	93	95	92	90	91	89	87	85
2	100	92	86	80	97	90	84	79	87	82	77	83	79	76	80	77	74	72
3	91	81	73	67	89	80	72	66	77	70	65	74	69	64	71	67	63	61
4	84	72	63	57	81	71	63	57	68	61	56	66	60	55	64	59	54	52
5	77	64	56	49	75	63	55	49	61	54	48	59	53	48	57	52	47	45
6	71	58	49	43	69	57	49	43	55	48	42	53	47	42	52	46	41	39
7	66	52	44	38	64	52	43	38	50	43	37	49	42	37	47	41	37	35
8	61	48	39	34	60	47	39	33	46	38	33	45	38	33	43	37	33	31
9	57	44	36	30	56	43	35	30	42	35	30	41	34	30	40	34	30	28
10	53	40	32	27	52	40	32	27	39	32	27	38	31	27	37	31	27	25

POLAR GRAPH



Maximum Candela = 1534.28 Located At Horizontal Angle = 0, Vertical Angle = 24.5
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (24.5) (Through Max. Cd.)