



## IES INDOOR REPORT

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

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002  
 [TEST] 11476049.01  
 [TESTLAB] UL Verification Services Inc.  
 [ISSUE DATE] 10/12/2016  
 [MANUFAC] Prudential Lighting Corp  
 [LUMCAT] P23-FLSH-LED35-SO-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] One (1) OSRAM Optotronic OT30W/PRG1050C/UNV/DIM/L  
 [OTHER] 25.3 C, 120.05 V, 0.1542 A, 18.401 W, 0.9936 PF, 59.99 Hz  
 [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	3235
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	97
Total Luminaire Watts	33.4
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	15664	16321	8892
55	12833	14571	8580
65	9803	11430	7840
75	6949	7916	6131
85	3740	4279	3460

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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	980.020	980.020	980.020	980.020	980.020
0.5	986.100	980.970	980.780	980.020	974.320
1.0	987.810	981.730	980.780	979.640	974.320
1.5	990.850	983.820	981.540	979.450	973.940
2.0	993.890	986.860	982.870	979.830	972.420
2.5	997.690	990.090	985.530	979.260	972.420
3.0	1002.250	994.270	986.480	979.260	970.900
3.5	1008.710	999.020	988.760	979.070	969.570
4.0	1014.980	1004.720	991.040	978.120	968.240
4.5	1023.530	1010.800	994.460	977.740	966.720
5.0	1030.750	1016.880	997.310	977.360	964.630
5.5	1038.540	1023.910	1000.730	976.980	962.350
6.0	1047.850	1031.510	1004.150	976.220	959.690
6.5	1058.870	1039.110	1008.520	975.460	957.410
7.0	1067.800	1047.660	1013.270	975.270	954.560
7.5	1078.630	1056.210	1017.070	974.130	952.470
8.0	1089.270	1065.140	1022.580	973.560	948.480
8.5	1099.910	1074.450	1026.380	972.800	944.870
9.0	1111.500	1084.140	1031.700	972.230	940.880
9.5	1123.470	1094.210	1036.830	971.090	937.270
10.0	1134.300	1103.330	1041.960	970.710	933.470
10.5	1146.460	1113.210	1047.470	969.380	928.720
11.0	1157.480	1122.710	1052.600	968.050	924.920
11.5	1168.500	1132.210	1057.920	967.480	920.360
12.0	1179.330	1142.090	1063.050	966.340	916.180
12.5	1189.970	1151.590	1068.560	965.200	911.050
13.0	1200.800	1160.520	1073.880	964.060	906.490
13.5	1210.110	1170.400	1079.580	962.160	901.170
14.0	1220.180	1178.950	1084.710	960.830	896.040
14.5	1229.490	1188.260	1090.220	960.450	891.100
15.0	1238.800	1196.240	1094.590	958.930	885.970
15.5	1246.400	1203.840	1099.720	956.650	879.890
16.0	1254.950	1211.060	1104.090	955.320	874.760
16.5	1262.930	1218.280	1108.840	953.990	869.250
17.0	1270.530	1225.500	1113.210	952.090	862.600
17.5	1278.130	1231.770	1117.010	951.140	857.850
18.0	1283.640	1238.420	1121.000	949.620	851.200
18.5	1289.720	1245.260	1125.370	947.340	844.740
19.0	1295.990	1250.010	1129.170	945.250	839.420
19.5	1301.500	1255.330	1132.780	943.350	832.960
20.0	1306.060	1260.270	1135.440	941.450	826.690
20.5	1310.050	1264.260	1138.480	939.360	820.800
21.0	1314.610	1267.490	1141.330	937.080	814.150
21.5	1318.790	1271.290	1144.180	934.990	807.500
22.0	1319.360	1273.950	1145.700	932.900	801.230
22.5	1321.830	1276.420	1148.930	930.050	794.770
23.0	1323.350	1278.510	1149.880	928.340	788.690
23.5	1323.350	1280.790	1151.590	924.540	781.660
24.0	1323.540	1281.930	1152.920	921.880	775.390
24.5	1325.060	1281.550	1154.060	919.220	768.360
25.0	1323.160	1282.120	1154.820	916.370	761.520
25.5	1322.780	1281.550	1155.200	913.330	755.250
26.0	1320.310	1280.600	1156.340	910.290	748.410
26.5	1318.600	1279.650	1155.770	906.870	742.330

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**CANDELA TABULATION - (Cont.)**

27.0	1315.180	1278.510	1155.770	903.260	734.730
27.5	1312.140	1276.610	1155.580	899.840	728.650
28.0	1306.820	1273.760	1154.440	895.850	721.050
28.5	1302.640	1270.150	1153.680	892.240	716.300
29.0	1297.130	1266.730	1152.350	888.440	709.460
29.5	1293.330	1262.550	1150.260	884.450	702.620
30.0	1285.730	1258.750	1148.170	879.890	695.210
30.5	1280.220	1253.810	1145.890	875.900	688.750
31.0	1271.670	1248.490	1143.040	871.720	682.480
31.5	1263.310	1242.410	1139.810	867.350	676.400
32.0	1255.140	1235.380	1136.960	862.220	670.130
32.5	1246.400	1228.920	1133.920	857.280	662.340
33.0	1237.470	1221.510	1129.740	852.720	657.210
33.5	1226.640	1213.720	1125.940	848.160	650.750
34.0	1215.810	1205.930	1121.380	842.840	644.860
34.5	1205.740	1196.430	1116.250	837.710	637.830
35.0	1193.960	1187.120	1110.930	832.390	632.890
35.5	1181.610	1177.810	1105.420	826.880	626.430
36.0	1169.640	1167.170	1099.910	821.560	620.350
36.5	1157.480	1156.910	1093.640	815.670	613.700
37.0	1143.800	1146.270	1087.180	810.160	608.190
37.5	1129.360	1134.490	1080.530	804.270	601.920
38.0	1115.680	1123.660	1073.500	797.430	595.270
38.5	1100.670	1111.120	1065.330	791.540	589.570
39.0	1086.420	1099.150	1058.110	785.270	583.490
39.5	1071.600	1086.800	1049.750	778.810	577.790
40.0	1056.970	1073.120	1042.150	772.730	571.520
40.5	1041.390	1060.010	1033.410	766.080	565.820
41.0	1026.950	1046.710	1024.860	759.240	559.360
41.5	1011.560	1032.840	1015.360	752.590	553.850
42.0	996.930	1019.160	1006.240	745.370	548.530
42.5	982.490	1005.480	995.790	737.960	542.830
43.0	966.340	991.420	986.480	731.690	537.510
43.5	951.710	976.790	975.840	723.330	533.520
44.0	936.130	962.920	965.580	715.540	528.200
44.5	920.550	948.100	954.940	708.890	520.980
45.0	905.730	934.040	943.730	700.720	514.140
45.5	890.340	919.410	932.140	693.690	508.060
46.0	874.570	904.970	920.930	684.950	502.360
46.5	858.990	889.770	909.150	677.350	496.850
47.0	843.980	874.380	896.990	668.990	491.530
47.5	827.640	859.750	885.020	661.200	486.400
48.0	812.250	844.550	872.480	653.030	480.130
48.5	796.480	828.970	859.750	644.480	474.430
49.0	782.040	813.960	847.020	635.550	469.680
49.5	766.270	798.570	834.100	627.000	466.260
50.0	751.070	783.180	820.990	618.450	460.750
50.5	735.300	767.030	808.070	609.710	453.720
51.0	721.050	752.210	794.390	600.590	445.930
51.5	705.090	736.250	780.520	591.090	439.660
52.0	689.700	720.480	766.840	581.970	433.770
52.5	676.970	705.470	753.920	572.850	428.450
53.0	661.010	690.080	739.860	563.540	422.370
53.5	645.620	675.450	725.800	554.420	416.860
54.0	631.370	660.250	711.170	544.540	413.060
54.5	616.360	644.670	697.870	534.850	408.690

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**CANDELA TABULATION - (Cont.)**

55.0	601.920	629.850	683.430	525.540	402.420
55.5	587.290	614.840	668.800	516.040	393.870
56.0	573.230	600.210	655.310	505.970	386.840
56.5	558.600	585.580	639.540	496.660	380.760
57.0	543.780	570.760	625.100	486.590	374.300
57.5	529.720	556.700	610.660	476.900	368.600
58.0	516.420	541.880	595.650	467.020	364.990
58.5	501.980	527.630	580.830	456.950	360.050
59.0	488.490	513.760	566.200	447.070	353.020
59.5	474.620	499.700	551.570	437.000	344.090
60.0	461.510	485.830	536.750	426.930	336.680
60.5	448.590	471.960	522.120	416.860	330.030
61.0	435.290	458.660	507.680	406.980	324.900
61.5	422.560	445.170	493.050	396.910	319.960
62.0	410.020	432.250	478.800	386.460	313.500
62.5	398.050	419.330	464.550	376.390	304.950
63.0	385.510	406.600	450.300	366.130	296.590
63.5	373.540	393.870	436.240	356.060	289.940
64.0	361.950	381.330	422.180	345.990	285.190
64.5	350.170	369.170	408.500	335.730	278.920
65.0	338.770	357.010	395.010	325.470	270.940
65.5	327.180	345.420	381.330	315.210	262.200
66.0	315.970	333.450	368.410	305.520	255.740
66.5	305.330	322.050	355.300	295.830	250.230
67.0	294.880	310.650	342.190	285.950	242.440
67.5	284.240	299.440	329.840	276.070	233.700
68.0	273.790	288.420	317.490	266.190	227.050
68.5	263.150	277.780	305.140	256.500	220.780
69.0	253.080	267.140	293.170	247.380	213.370
69.5	243.010	256.690	281.390	237.880	205.580
70.0	233.130	246.620	269.990	228.760	199.310
70.5	223.440	236.550	258.780	219.640	191.900
71.0	214.320	226.670	247.380	210.710	184.756
71.5	205.770	216.980	236.740	201.970	177.992
72.0	196.840	208.050	226.100	193.230	170.829
72.5	187.967	198.740	216.030	184.927	163.685
73.0	179.778	189.620	205.770	176.624	156.750
73.5	171.247	180.823	195.700	168.340	149.701
74.0	162.868	172.140	186.219	160.341	143.127
74.5	154.812	163.590	176.681	152.456	136.306
75.0	147.079	155.401	167.542	144.571	129.751
75.5	139.346	147.307	158.650	136.990	123.310
76.0	131.689	139.308	149.853	129.523	117.002
76.5	124.317	131.423	141.208	122.208	110.618
77.0	117.021	123.899	132.753	115.102	104.595
77.5	109.953	116.356	124.564	108.205	98.610
78.0	103.113	109.079	116.698	101.403	92.796
78.5	96.482	102.068	108.870	94.829	87.191
79.0	89.851	95.266	101.441	88.426	81.681
79.5	83.429	88.540	94.088	82.232	76.418
80.0	77.235	82.061	87.039	76.133	70.851
80.5	71.212	75.791	80.256	70.319	65.987
81.0	65.360	69.768	73.701	64.638	60.705
81.5	59.831	63.973	67.469	59.185	55.385
82.0	54.492	58.330	61.370	53.979	50.331
82.5	49.305	52.934	55.575	48.868	45.467

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**CANDELA TABULATION - (Cont.)**

83.0	44.327	47.747	50.008	43.985	40.698
83.5	39.520	42.807	44.688	39.330	36.328
84.0	35.017	38.114	39.691	34.922	32.205
84.5	30.704	33.687	34.941	30.894	28.310
85.0	26.657	29.507	30.495	26.904	24.662
85.5	22.838	25.593	26.296	23.218	21.223
86.0	19.304	21.926	22.401	19.779	17.993
86.5	16.074	18.544	18.829	16.549	15.010
87.0	13.167	15.409	15.580	13.661	12.255
87.5	10.450	12.597	12.597	11.058	9.899
88.0	8.018	10.184	10.070	8.759	7.771
88.5	5.890	8.132	7.961	6.745	6.042
89.0	4.256	6.308	6.137	5.206	4.598
89.5	3.097	4.864	4.560	3.933	3.382
90.0	2.109	3.705	3.382	3.002	2.508
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 : P23-FLSH-LED35-SO-MBW-D1.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 : P23-FLSH-LED35-SO-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-SO-MBW-D1.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	402.18	N.A.	12.40
0-30	908.29	N.A.	28.10
0-40	1538.62	N.A.	47.60
0-60	2693.71	N.A.	83.30
0-80	3199.75	N.A.	98.90
0-90	3235.17	N.A.	100.00
10-90	3138.65	N.A.	97.00
20-40	1136.44	N.A.	35.10
20-50	1769.13	N.A.	54.70
40-70	1498.51	N.A.	46.30
60-80	506.04	N.A.	15.60
70-80	162.61	N.A.	5.00
80-90	35.42	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	3235.25	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	96.52
10-20	305.66
20-30	506.11
30-40	630.33
40-50	632.69
50-60	522.40
60-70	343.43
70-80	162.61
80-90	35.42
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

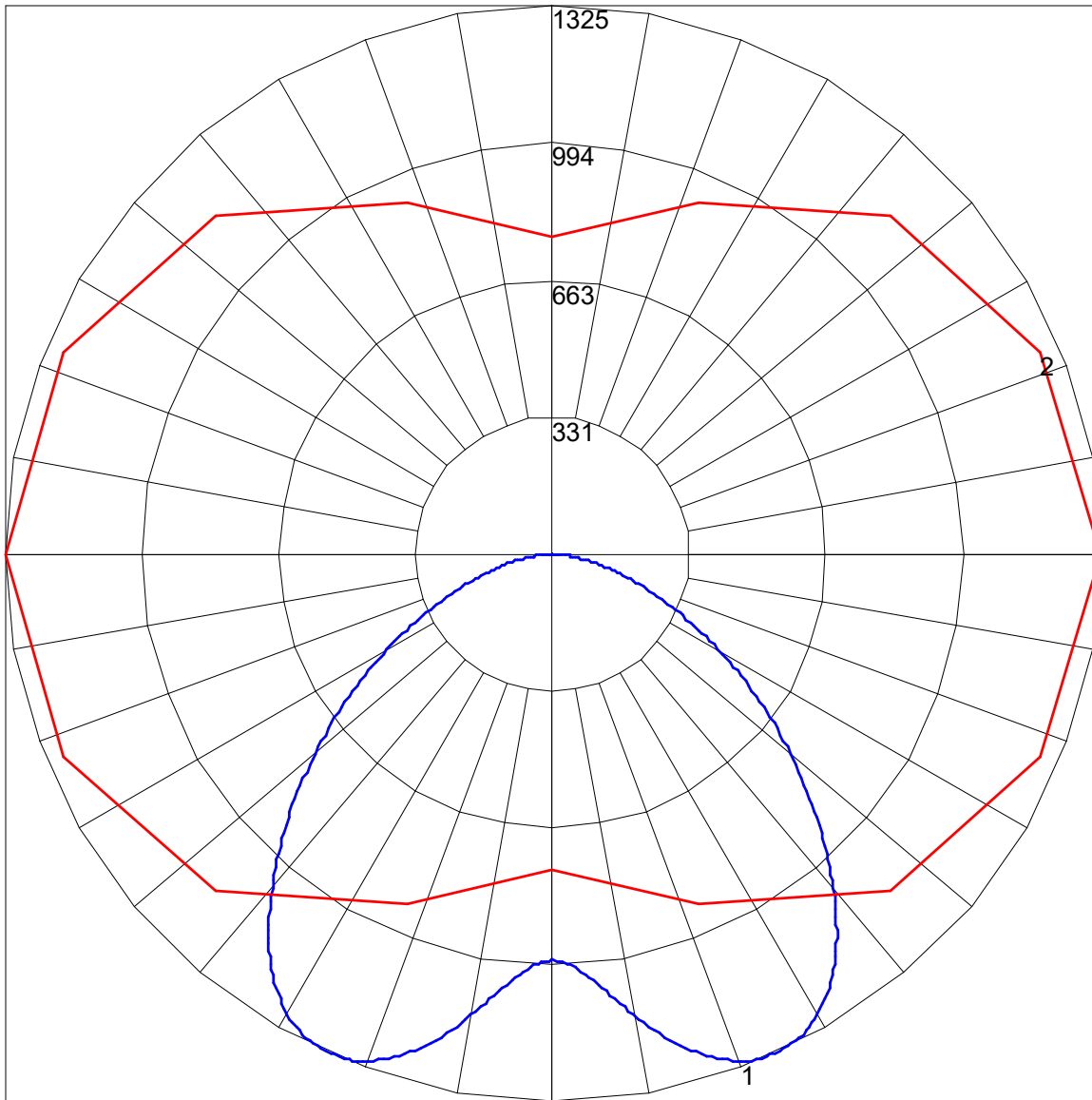
**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : P23-FLSH-LED35-SO-MBW-D1.IES**

**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	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 = 1325.06 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.)