



IES INDOOR REPORT

PHOTOMETRIC FILENAME : P23-FLSH-LED35-MO-SAL-D1.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] 11476049.05

[TESTLAB]

[ISSUE DATE]

[MANUFAC] Prudential Lighting Corp

[LUMCAT] P23-FLSH-LED35-MO-SAL-D1

[LUMINAIRE] Rectangular formed grey aluminum housing with internal whi

[MORE] te aluminum reflectors and a frosted plastic lens

[LAMP] 120 White LEDs

[BALLAST]

[OTHER]

[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	2428
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	101
Total Luminaire Watts	24
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.04
Spacing Criterion (90-270)	1.18
Spacing Criterion (Diagonal)	1.18
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.23 ft
Luminous Width (90-270)	4.00 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	7773	8879	10325
55	6599	7618	9151
65	5603	6495	7862
75	4699	5357	6409
85	3664	4041	4512

IES INDOOR REPORT
PHOTOMETRIC FILENAME : P23-FLSH-LED35-MO-SAL-D1.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	1144.0	1144.0	1144.0	1144.0	1144.0
0.5	1153.0	1144.0	1144.0	1143.0	1138.0
1.0	1153.0	1144.0	1144.0	1143.0	1139.0
1.5	1152.0	1143.0	1143.0	1142.0	1138.0
2.0	1151.0	1141.0	1142.0	1142.0	1137.0
2.5	1149.0	1141.0	1141.0	1141.0	1137.0
3.0	1149.0	1139.0	1140.0	1141.0	1135.0
3.5	1146.0	1138.0	1139.0	1140.0	1133.0
4.0	1145.0	1136.0	1138.0	1137.0	1132.0
4.5	1142.0	1134.0	1136.0	1136.0	1131.0
5.0	1141.0	1131.0	1134.0	1134.0	1129.0
5.5	1136.0	1128.0	1130.0	1131.0	1128.0
6.0	1133.0	1125.0	1129.0	1130.0	1126.0
6.5	1129.0	1122.0	1125.0	1128.0	1126.0
7.0	1127.0	1119.0	1123.0	1127.0	1125.0
7.5	1121.0	1115.0	1120.0	1126.0	1124.0
8.0	1117.0	1111.0	1117.0	1124.0	1122.0
8.5	1114.0	1106.0	1114.0	1122.0	1119.0
9.0	1108.0	1102.0	1111.0	1118.0	1113.0
9.5	1105.0	1098.0	1109.0	1113.0	1109.0
10.0	1100.0	1092.0	1105.0	1110.0	1108.0
10.5	1094.0	1086.0	1102.0	1105.0	1104.0
11.0	1088.0	1081.0	1096.0	1101.0	1101.0
11.5	1083.0	1076.0	1092.0	1097.0	1098.0
12.0	1077.0	1072.0	1085.0	1094.0	1094.0
12.5	1069.0	1065.0	1079.0	1090.0	1090.0
13.0	1063.0	1060.0	1073.0	1085.0	1086.0
13.5	1056.0	1053.0	1068.0	1082.0	1082.0
14.0	1050.0	1047.0	1062.0	1077.0	1078.0
14.5	1045.0	1042.0	1058.0	1072.0	1075.0
15.0	1038.0	1036.0	1052.0	1067.0	1072.0
15.5	1030.0	1030.0	1047.0	1062.0	1071.0
16.0	1022.0	1023.0	1041.0	1060.0	1064.0
16.5	1014.0	1016.0	1035.0	1056.0	1061.0
17.0	1005.0	1009.0	1028.0	1053.0	1056.0
17.5	996.6	1002.0	1021.0	1049.0	1049.0
18.0	987.9	993.8	1014.0	1042.0	1044.0
18.5	979.0	985.8	1007.0	1035.0	1039.0
19.0	970.2	977.5	1000.0	1028.0	1034.0
19.5	961.1	968.6	992.6	1021.0	1028.0
20.0	951.9	959.5	985.6	1015.0	1023.0
20.5	942.7	950.2	979.0	1009.0	1017.0
21.0	933.3	940.5	972.7	1002.0	1011.0
21.5	923.8	930.6	965.8	995.4	1005.0
22.0	916.7	920.9	958.2	988.8	998.7
22.5	906.8	911.2	950.2	981.9	993.2
23.0	896.7	901.6	941.5	975.0	989.4
23.5	886.7	892.0	931.6	967.9	984.5
24.0	876.4	882.4	921.8	961.4	977.6
24.5	866.3	872.6	912.4	955.9	969.7
25.0	855.7	862.7	903.5	950.2	960.9
25.5	845.3	852.9	894.7	943.4	952.6
26.0	834.8	843.0	885.8	935.4	944.9
26.5	824.4	833.1	877.0	926.3	937.6

IES INDOOR REPORT
PHOTOMETRIC FILENAME : P23-FLSH-LED35-MO-SAL-D1.IES

CANDELA TABULATION - (Cont.)

27.0	813.7	823.2	868.1	916.6	930.2
27.5	803.3	813.4	858.9	907.5	922.7
28.0	793.0	803.4	849.8	898.9	915.2
28.5	782.6	793.5	840.5	890.7	907.6
29.0	772.4	783.7	831.4	882.4	900.1
29.5	762.2	773.7	822.2	874.2	892.8
30.0	752.0	763.8	813.3	865.8	888.0
30.5	742.1	754.0	805.2	857.5	881.4
31.0	731.8	744.1	797.2	849.2	872.9
31.5	721.8	734.3	788.0	841.6	863.7
32.0	711.9	724.4	778.1	834.6	853.4
32.5	701.8	714.6	768.1	827.8	843.7
33.0	691.9	704.8	758.2	819.7	834.8
33.5	681.9	695.1	748.2	810.3	826.3
34.0	672.0	685.3	737.9	799.9	817.9
34.5	661.9	675.5	728.0	789.2	809.3
35.0	652.1	665.9	718.4	779.7	800.8
35.5	642.2	656.3	709.0	770.3	792.4
36.0	632.4	646.6	699.8	761.4	785.7
36.5	622.8	637.1	690.3	752.4	779.2
37.0	613.2	627.6	680.9	743.5	770.3
37.5	603.3	618.2	671.6	734.9	761.1
38.0	593.7	608.7	662.3	726.6	750.7
38.5	584.2	599.4	653.0	718.7	739.8
39.0	574.8	590.1	643.6	711.7	730.1
39.5	565.2	580.8	634.5	702.7	721.1
40.0	555.9	571.6	625.2	692.6	712.1
40.5	546.7	562.6	616.0	681.7	703.4
41.0	537.6	553.5	606.8	670.9	695.2
41.5	528.5	544.6	597.7	661.1	688.2
42.0	519.6	535.8	588.6	651.8	680.3
42.5	510.8	527.0	579.5	642.9	671.2
43.0	502.0	518.2	570.3	634.6	661.7
43.5	493.5	509.6	561.3	625.8	650.6
44.0	484.8	501.1	552.5	617.5	640.4
44.5	476.3	492.6	543.6	610.9	630.9
45.0	468.2	484.3	534.8	602.0	621.9
45.5	460.0	476.0	526.0	592.0	613.1
46.0	451.8	467.8	517.4	581.4	605.9
46.5	443.9	459.7	508.9	571.1	597.4
47.0	435.9	451.6	500.3	562.0	589.0
47.5	428.1	443.8	491.8	553.6	580.2
48.0	420.4	435.9	483.6	545.1	569.4
48.5	413.0	428.0	475.2	535.9	558.7
49.0	405.5	420.4	466.8	528.1	549.6
49.5	398.0	412.8	458.6	519.7	541.1
50.0	390.6	405.2	450.6	510.6	534.2
50.5	383.7	397.7	442.3	501.0	524.4
51.0	376.4	390.2	434.4	492.1	517.1
51.5	369.6	382.8	426.5	483.5	508.4
52.0	362.6	375.6	418.4	474.9	497.7
52.5	355.5	368.4	410.7	466.4	487.8
53.0	348.9	361.1	402.7	458.1	480.2
53.5	342.2	354.3	395.0	449.5	471.7
54.0	335.5	347.2	387.4	440.9	462.4
54.5	328.9	340.2	379.8	432.4	455.9

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CANDELA TABULATION - (Cont.)

55.0	322.4	333.3	372.2	424.1	447.1
55.5	315.9	326.5	364.7	415.8	436.7
56.0	309.3	319.7	357.3	407.6	429.3
56.5	302.9	313.1	349.8	399.5	419.9
57.0	296.5	306.4	342.5	391.3	411.3
57.5	290.1	299.9	335.3	383.3	405.2
58.0	284.0	293.5	328.1	375.3	395.9
58.5	277.3	287.2	321.0	367.4	387.2
59.0	271.4	280.9	313.8	359.5	378.5
59.5	265.3	274.6	306.9	351.7	369.9
60.0	258.9	268.5	299.9	343.9	363.8
60.5	253.0	262.4	293.1	336.1	355.5
61.0	247.2	256.3	286.3	328.5	346.4
61.5	241.1	250.2	279.5	320.8	337.7
62.0	235.3	244.4	272.8	313.3	330.3
62.5	229.6	238.4	266.0	305.7	324.2
63.0	224.0	232.6	259.5	298.0	314.9
63.5	218.2	227.0	252.9	290.6	306.2
64.0	212.8	221.2	246.6	283.2	299.3
64.5	207.1	215.5	240.2	275.9	292.9
65.0	201.7	209.9	233.8	268.7	283.0
65.5	196.3	204.3	227.6	261.4	275.7
66.0	190.8	198.7	221.4	254.1	269.8
66.5	185.7	193.2	215.1	246.7	260.6
67.0	180.4	187.8	209.0	239.6	253.2
67.5	175.2	182.3	203.0	232.5	246.9
68.0	170.0	176.8	196.9	225.5	238.4
68.5	165.1	171.6	191.0	218.5	231.2
69.0	160.1	166.3	185.0	211.6	224.1
69.5	155.1	161.0	179.1	204.6	216.7
70.0	150.0	155.8	173.3	197.7	209.5
70.5	145.3	150.8	167.6	191.1	202.4
71.0	140.5	145.6	161.8	184.4	195.3
71.5	135.8	140.6	156.1	177.7	188.5
72.0	130.9	135.5	150.5	171.2	181.4
72.5	126.3	130.6	145.0	164.7	174.5
73.0	121.6	125.8	139.4	158.3	168.0
73.5	117.0	121.0	134.0	151.9	160.7
74.0	112.6	116.2	128.6	145.7	154.4
74.5	108.0	111.6	123.3	139.6	147.9
75.0	103.6	107.0	118.1	133.4	141.3
75.5	99.3	102.3	112.9	127.4	134.9
76.0	95.0	97.9	107.8	121.5	128.7
76.5	90.7	93.5	102.8	115.6	122.0
77.0	86.5	89.1	97.8	109.8	116.0
77.5	82.4	84.8	92.9	104.2	110.0
78.0	78.2	80.6	88.1	98.6	104.1
78.5	74.1	76.4	83.4	93.2	98.2
79.0	70.1	72.2	78.7	87.8	92.4
79.5	66.2	68.2	74.1	82.5	86.7
80.0	62.3	64.1	69.6	77.3	81.2
80.5	58.4	60.2	65.2	72.3	75.8
81.0	54.7	56.3	60.9	67.3	70.5
81.5	51.0	52.5	56.7	62.5	65.3
82.0	47.4	48.8	52.6	57.8	60.3
82.5	43.8	45.2	48.5	53.2	55.4

IES INDOOR REPORT
PHOTOMETRIC FILENAME : P23-FLSH-LED35-MO-SAL-D1.IES

CANDELA TABULATION - (Cont.)

83.0	40.3	41.6	44.6	48.8	50.6
83.5	36.9	38.1	40.9	44.4	46.1
84.0	33.6	34.7	37.2	40.3	41.7
84.5	30.4	31.4	33.5	36.2	37.5
85.0	27.2	28.2	30.0	32.4	33.5
85.5	24.1	25.0	26.6	28.8	29.6
86.0	21.1	21.9	23.3	25.1	25.9
86.5	18.2	18.8	20.0	21.7	22.3
87.0	15.2	15.8	16.8	18.2	18.8
87.5	12.4	13.0	13.8	15.0	15.5
88.0	9.7	10.3	10.9	11.8	12.3
88.5	7.1	7.8	8.2	8.8	9.1
89.0	4.6	5.7	5.9	6.3	6.3
89.5	2.5	3.8	3.9	4.3	4.5
90.0	1.2	2.5	2.6	2.8	3.0
90.5	0.0	0.0	0.0	0.0	0.0
91.0	0.0	0.0	0.0	0.0	0.0
91.5	0.0	0.0	0.0	0.0	0.0
92.0	0.0	0.0	0.0	0.0	0.0
92.5	0.0	0.0	0.0	0.0	0.0
93.0	0.0	0.0	0.0	0.0	0.0
93.5	0.0	0.0	0.0	0.0	0.0
94.0	0.0	0.0	0.0	0.0	0.0
94.5	0.0	0.0	0.0	0.0	0.0
95.0	0.0	0.0	0.0	0.0	0.0
95.5	0.0	0.0	0.0	0.0	0.0
96.0	0.0	0.0	0.0	0.0	0.0
96.5	0.0	0.0	0.0	0.0	0.0
97.0	0.0	0.0	0.0	0.0	0.0
97.5	0.0	0.0	0.0	0.0	0.0
98.0	0.0	0.0	0.0	0.0	0.0
98.5	0.0	0.0	0.0	0.0	0.0
99.0	0.0	0.0	0.0	0.0	0.0
99.5	0.0	0.0	0.0	0.0	0.0
100.0	0.0	0.0	0.0	0.0	0.0
100.5	0.0	0.0	0.0	0.0	0.0
101.0	0.0	0.0	0.0	0.0	0.0
101.5	0.0	0.0	0.0	0.0	0.0
102.0	0.0	0.0	0.0	0.0	0.0
102.5	0.0	0.0	0.0	0.0	0.0
103.0	0.0	0.0	0.0	0.0	0.0
103.5	0.0	0.0	0.0	0.0	0.0
104.0	0.0	0.0	0.0	0.0	0.0
104.5	0.0	0.0	0.0	0.0	0.0
105.0	0.0	0.0	0.0	0.0	0.0
105.5	0.0	0.0	0.0	0.0	0.0
106.0	0.0	0.0	0.0	0.0	0.0
106.5	0.0	0.0	0.0	0.0	0.0
107.0	0.0	0.0	0.0	0.0	0.0
107.5	0.0	0.0	0.0	0.0	0.0
108.0	0.0	0.0	0.0	0.0	0.0
108.5	0.0	0.0	0.0	0.0	0.0
109.0	0.0	0.0	0.0	0.0	0.0
109.5	0.0	0.0	0.0	0.0	0.0
110.0	0.0	0.0	0.0	0.0	0.0
110.5	0.0	0.0	0.0	0.0	0.0

IES INDOOR REPORT
PHOTOMETRIC FILENAME : P23-FLSH-LED35-MO-SAL-D1.IES

CANDELA TABULATION - (Cont.)

111.0	0.0	0.0	0.0	0.0	0.0
111.5	0.0	0.0	0.0	0.0	0.0
112.0	0.0	0.0	0.0	0.0	0.0
112.5	0.0	0.0	0.0	0.0	0.0
113.0	0.0	0.0	0.0	0.0	0.0
113.5	0.0	0.0	0.0	0.0	0.0
114.0	0.0	0.0	0.0	0.0	0.0
114.5	0.0	0.0	0.0	0.0	0.0
115.0	0.0	0.0	0.0	0.0	0.0
115.5	0.0	0.0	0.0	0.0	0.0
116.0	0.0	0.0	0.0	0.0	0.0
116.5	0.0	0.0	0.0	0.0	0.0
117.0	0.0	0.0	0.0	0.0	0.0
117.5	0.0	0.0	0.0	0.0	0.0
118.0	0.0	0.0	0.0	0.0	0.0
118.5	0.0	0.0	0.0	0.0	0.0
119.0	0.0	0.0	0.0	0.0	0.0
119.5	0.0	0.0	0.0	0.0	0.0
120.0	0.0	0.0	0.0	0.0	0.0
120.5	0.0	0.0	0.0	0.0	0.0
121.0	0.0	0.0	0.0	0.0	0.0
121.5	0.0	0.0	0.0	0.0	0.0
122.0	0.0	0.0	0.0	0.0	0.0
122.5	0.0	0.0	0.0	0.0	0.0
123.0	0.0	0.0	0.0	0.0	0.0
123.5	0.0	0.0	0.0	0.0	0.0
124.0	0.0	0.0	0.0	0.0	0.0
124.5	0.0	0.0	0.0	0.0	0.0
125.0	0.0	0.0	0.0	0.0	0.0
125.5	0.0	0.0	0.0	0.0	0.0
126.0	0.0	0.0	0.0	0.0	0.0
126.5	0.0	0.0	0.0	0.0	0.0
127.0	0.0	0.0	0.0	0.0	0.0
127.5	0.0	0.0	0.0	0.0	0.0
128.0	0.0	0.0	0.0	0.0	0.0
128.5	0.0	0.0	0.0	0.0	0.0
129.0	0.0	0.0	0.0	0.0	0.0
129.5	0.0	0.0	0.0	0.0	0.0
130.0	0.0	0.0	0.0	0.0	0.0
130.5	0.0	0.0	0.0	0.0	0.0
131.0	0.0	0.0	0.0	0.0	0.0
131.5	0.0	0.0	0.0	0.0	0.0
132.0	0.0	0.0	0.0	0.0	0.0
132.5	0.0	0.0	0.0	0.0	0.0
133.0	0.0	0.0	0.0	0.0	0.0
133.5	0.0	0.0	0.0	0.0	0.0
134.0	0.0	0.0	0.0	0.0	0.0
134.5	0.0	0.0	0.0	0.0	0.0
135.0	0.0	0.0	0.0	0.0	0.0
135.5	0.0	0.0	0.0	0.0	0.0
136.0	0.0	0.0	0.0	0.0	0.0
136.5	0.0	0.0	0.0	0.0	0.0
137.0	0.0	0.0	0.0	0.0	0.0
137.5	0.0	0.0	0.0	0.0	0.0
138.0	0.0	0.0	0.0	0.0	0.0
138.5	0.0	0.0	0.0	0.0	0.0

IES INDOOR REPORT
PHOTOMETRIC FILENAME : P23-FLSH-LED35-MO-SAL-D1.IES

CANDELA TABULATION - (Cont.)

139.0	0.0	0.0	0.0	0.0	0.0
139.5	0.0	0.0	0.0	0.0	0.0
140.0	0.0	0.0	0.0	0.0	0.0
140.5	0.0	0.0	0.0	0.0	0.0
141.0	0.0	0.0	0.0	0.0	0.0
141.5	0.0	0.0	0.0	0.0	0.0
142.0	0.0	0.0	0.0	0.0	0.0
142.5	0.0	0.0	0.0	0.0	0.0
143.0	0.0	0.0	0.0	0.0	0.0
143.5	0.0	0.0	0.0	0.0	0.0
144.0	0.0	0.0	0.0	0.0	0.0
144.5	0.0	0.0	0.0	0.0	0.0
145.0	0.0	0.0	0.0	0.0	0.0
145.5	0.0	0.0	0.0	0.0	0.0
146.0	0.0	0.0	0.0	0.0	0.0
146.5	0.0	0.0	0.0	0.0	0.0
147.0	0.0	0.0	0.0	0.0	0.0
147.5	0.0	0.0	0.0	0.0	0.0
148.0	0.0	0.0	0.0	0.0	0.0
148.5	0.0	0.0	0.0	0.0	0.0
149.0	0.0	0.0	0.0	0.0	0.0
149.5	0.0	0.0	0.0	0.0	0.0
150.0	0.0	0.0	0.0	0.0	0.0
150.5	0.0	0.0	0.0	0.0	0.0
151.0	0.0	0.0	0.0	0.0	0.0
151.5	0.0	0.0	0.0	0.0	0.0
152.0	0.0	0.0	0.0	0.0	0.0
152.5	0.0	0.0	0.0	0.0	0.0
153.0	0.0	0.0	0.0	0.0	0.0
153.5	0.0	0.0	0.0	0.0	0.0
154.0	0.0	0.0	0.0	0.0	0.0
154.5	0.0	0.0	0.0	0.0	0.0
155.0	0.0	0.0	0.0	0.0	0.0
155.5	0.0	0.0	0.0	0.0	0.0
156.0	0.0	0.0	0.0	0.0	0.0
156.5	0.0	0.0	0.0	0.0	0.0
157.0	0.0	0.0	0.0	0.0	0.0
157.5	0.0	0.0	0.0	0.0	0.0
158.0	0.0	0.0	0.0	0.0	0.0
158.5	0.0	0.0	0.0	0.0	0.0
159.0	0.0	0.0	0.0	0.0	0.0
159.5	0.0	0.0	0.0	0.0	0.0
160.0	0.0	0.0	0.0	0.0	0.0
160.5	0.0	0.0	0.0	0.0	0.0
161.0	0.0	0.0	0.0	0.0	0.0
161.5	0.0	0.0	0.0	0.0	0.0
162.0	0.0	0.0	0.0	0.0	0.0
162.5	0.0	0.0	0.0	0.0	0.0
163.0	0.0	0.0	0.0	0.0	0.0
163.5	0.0	0.0	0.0	0.0	0.0
164.0	0.0	0.0	0.0	0.0	0.0
164.5	0.0	0.0	0.0	0.0	0.0
165.0	0.0	0.0	0.0	0.0	0.0
165.5	0.0	0.0	0.0	0.0	0.0
166.0	0.0	0.0	0.0	0.0	0.0
166.5	0.0	0.0	0.0	0.0	0.0

IES INDOOR REPORT
PHOTOMETRIC FILENAME : P23-FLSH-LED35-MO-SAL-D1.IES

CANDELA TABULATION - (Cont.)

167.0	0.0	0.0	0.0	0.0	0.0
167.5	0.0	0.0	0.0	0.0	0.0
168.0	0.0	0.0	0.0	0.0	0.0
168.5	0.0	0.0	0.0	0.0	0.0
169.0	0.0	0.0	0.0	0.0	0.0
169.5	0.0	0.0	0.0	0.0	0.0
170.0	0.0	0.0	0.0	0.0	0.0
170.5	0.0	0.0	0.0	0.0	0.0
171.0	0.0	0.0	0.0	0.0	0.0
171.5	0.0	0.0	0.0	0.0	0.0
172.0	0.0	0.0	0.0	0.0	0.0
172.5	0.0	0.0	0.0	0.0	0.0
173.0	0.0	0.0	0.0	0.0	0.0
173.5	0.0	0.0	0.0	0.0	0.0
174.0	0.0	0.0	0.0	0.0	0.0
174.5	0.0	0.0	0.0	0.0	0.0
175.0	0.0	0.0	0.0	0.0	0.0
175.5	0.0	0.0	0.0	0.0	0.0
176.0	0.0	0.0	0.0	0.0	0.0
176.5	0.0	0.0	0.0	0.0	0.0
177.0	0.0	0.0	0.0	0.0	0.0
177.5	0.0	0.0	0.0	0.0	0.0
178.0	0.0	0.0	0.0	0.0	0.0
178.5	0.0	0.0	0.0	0.0	0.0
179.0	0.0	0.0	0.0	0.0	0.0
179.5	0.0	0.0	0.0	0.0	0.0
180.0	0.0	0.0	0.0	0.0	0.0

IES INDOOR REPORT
PHOTOMETRIC FILENAME : P23-FLSH-LED35-MO-SAL-D1.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	403.15	N.A.	16.60
0-30	819.21	N.A.	33.70
0-40	1271.27	N.A.	52.40
0-60	2028.05	N.A.	83.50
0-80	2392.99	N.A.	98.60
0-90	2427.94	N.A.	100.00
10-90	2320.72	N.A.	95.60
20-40	868.12	N.A.	35.80
20-50	1285.87	N.A.	53.00
40-70	993.73	N.A.	40.90
60-80	364.94	N.A.	15.00
70-80	127.99	N.A.	5.30
80-90	34.95	N.A.	1.40
90-110	0.07	N.A.	0.00
90-120	0.07	N.A.	0.00
90-130	0.07	N.A.	0.00
90-150	0.07	N.A.	0.00
90-180	0.07	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	2428.01	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	107.22
10-20	295.93
20-30	416.06
30-40	452.06
40-50	417.75
50-60	339.03
60-70	236.95
70-80	127.99
80-90	34.95
90-100	0.07
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

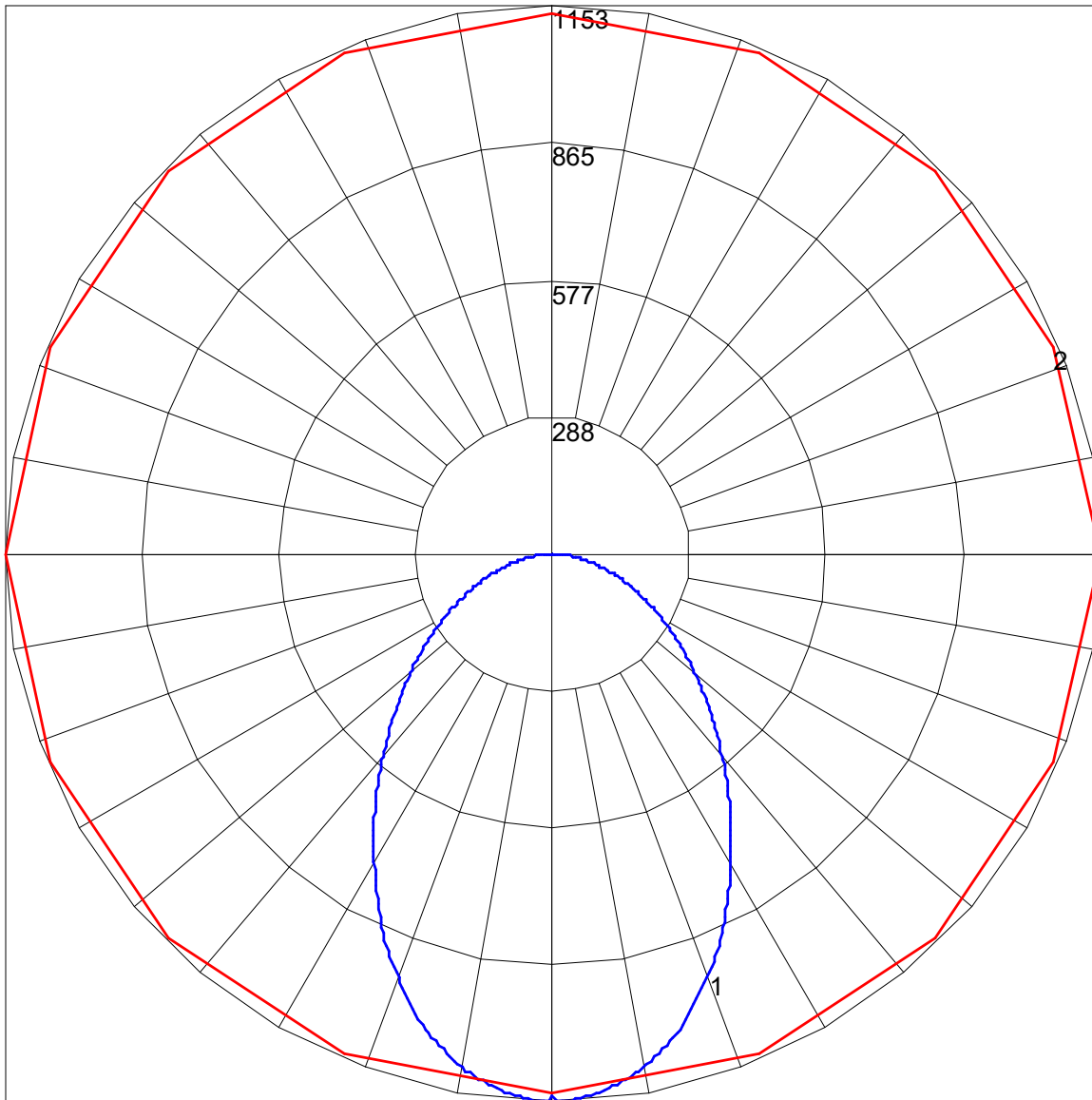
IES INDOOR REPORT
PHOTOMETRIC FILENAME : P23-FLSH-LED35-MO-SAL-D1.IES

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	110	105	101	98	107	103	99	96	99	96	93	95	93	90	91	89	88	86
2	101	93	87	81	98	91	85	80	87	83	78	84	80	77	81	78	75	73
3	92	82	75	69	90	81	74	68	78	72	67	75	70	66	73	68	65	63
4	85	74	65	59	83	72	65	59	70	63	58	68	62	57	66	61	56	54
5	79	66	58	52	77	65	57	51	63	56	51	61	55	50	60	54	50	48
6	73	60	52	46	71	59	51	45	58	50	45	56	50	45	54	49	44	42
7	68	55	47	41	66	54	46	41	53	46	40	51	45	40	50	44	40	38
8	63	50	42	37	62	50	42	37	49	41	36	47	41	36	46	40	36	34
9	59	47	39	33	58	46	38	33	45	38	33	44	37	33	43	37	33	31
10	56	43	36	31	55	43	35	30	42	35	30	41	35	30	40	34	30	28

POLAR GRAPH



Maximum Candela = 1153 Located At Horizontal Angle = 0, Vertical Angle = .5
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (.5) (Through Max. Cd.)