



IES INDOOR REPORT

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

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] 11476049.04
 [TESTLAB]
 [ISSUE DATE]
 [MANUFAC] Prudential Lighting Corp
 [LUMCAT] P23-FLSH-LED35-LO-SAL-D1
 [LUMINAIRE] Rectangular formed grey aluminum housing with internal white
 [MORE] te aluminum reflectors and a frosted plastic lens
 [LAMP] 120 White LEDs
 [BALLAST]
 [OTHER]
 [OTHER] This test was performed using the calibrated photodetector meter
 [MORE] method of absolute photometry.

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1601
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	100
Total Luminaire Watts	16
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.04
Spacing Criterion (90-270)	1.16
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	5120	5860	6801
55	4342	5024	6026
65	3695	4296	5188
75	3101	3554	4215
85	2393	2714	2970

IES INDOOR REPORT
PHOTOMETRIC FILENAME : P23-FLSH-LED35-LO-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	757.150	757.150	757.150	757.150	757.150
0.5	763.420	756.865	756.865	756.485	752.590
1.0	763.135	756.390	756.675	756.295	752.495
1.5	762.660	756.105	756.295	756.105	752.210
2.0	761.995	755.535	755.820	755.725	751.925
2.5	761.330	754.680	755.345	755.250	751.450
3.0	760.475	753.825	754.585	754.490	750.785
3.5	759.145	752.780	753.635	753.730	750.120
4.0	757.910	751.450	752.400	752.685	749.360
4.5	756.295	750.025	751.165	751.545	748.220
5.0	754.585	748.410	749.740	750.500	747.175
5.5	752.590	746.510	748.125	749.075	746.035
6.0	750.595	744.515	746.510	747.840	744.990
6.5	748.220	742.330	744.610	746.510	744.135
7.0	745.845	740.050	742.710	745.275	743.755
7.5	743.280	737.580	740.715	744.610	743.470
8.0	740.240	734.920	738.435	743.945	742.235
8.5	737.200	732.165	736.345	742.805	740.430
9.0	733.970	729.220	734.160	740.810	737.770
9.5	730.645	726.180	732.355	738.055	734.730
10.0	727.225	722.760	730.550	734.635	732.260
10.5	723.520	719.435	728.270	731.785	729.980
11.0	719.720	715.825	725.515	729.030	727.795
11.5	715.730	712.025	722.380	726.370	725.515
12.0	711.740	708.320	718.675	723.805	723.140
12.5	707.370	704.330	714.400	721.050	720.765
13.0	703.000	700.340	710.220	718.295	718.105
13.5	698.440	695.970	706.325	715.445	715.540
14.0	693.785	691.600	702.335	712.405	712.880
14.5	689.035	687.040	698.345	709.270	710.220
15.0	684.095	682.480	694.450	706.135	708.035
15.5	678.775	677.825	690.460	702.905	705.945
16.0	673.645	673.075	686.280	699.865	703.665
16.5	668.325	668.420	682.005	697.395	700.910
17.0	662.815	663.765	677.635	694.925	697.300
17.5	657.305	659.015	673.170	691.505	692.835
18.0	651.605	654.170	668.515	687.895	688.370
18.5	645.810	648.850	663.765	683.620	684.570
19.0	640.015	643.530	659.110	678.395	680.960
19.5	633.840	637.830	654.170	673.550	677.160
20.0	627.855	632.130	649.325	668.990	673.360
20.5	621.680	626.335	644.575	664.620	669.560
21.0	615.410	620.160	640.110	660.345	665.570
21.5	609.045	613.700	635.835	656.070	661.580
22.0	604.105	607.240	631.180	651.605	657.685
22.5	597.740	600.590	626.050	646.950	654.170
23.0	590.805	594.035	620.635	642.485	650.275
23.5	584.250	587.670	614.650	637.830	646.855
24.0	577.410	581.210	608.190	633.460	642.865
24.5	570.570	574.750	601.540	629.090	638.780
25.0	563.825	568.385	595.460	625.100	633.840
25.5	556.700	561.735	589.285	621.015	627.760
26.0	549.765	555.370	583.300	616.170	622.155
26.5	542.925	548.910	577.505	611.230	616.930

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

CANDELA TABULATION - (Cont.)

27.0	535.895	542.545	571.615	605.340	612.180
27.5	529.055	535.990	565.725	598.975	607.145
28.0	522.405	529.435	559.740	592.990	602.110
28.5	515.660	522.880	553.755	587.385	597.170
29.0	509.010	516.325	547.770	581.875	592.515
29.5	502.265	509.770	541.785	576.365	588.050
30.0	495.710	503.310	535.990	570.855	582.825
30.5	488.965	496.470	530.290	565.440	578.360
31.0	482.315	490.010	524.305	560.120	573.705
31.5	475.665	483.455	518.605	554.895	568.765
32.0	469.015	476.900	512.905	549.575	562.875
32.5	462.555	470.535	506.825	544.635	556.130
33.0	456.000	463.980	500.270	539.695	549.765
33.5	449.350	457.425	493.905	533.900	543.970
34.0	442.795	450.965	487.160	528.010	538.270
34.5	436.240	444.600	480.225	521.265	532.665
35.0	429.685	438.235	473.765	514.140	527.345
35.5	423.225	431.870	467.495	507.775	522.595
36.0	416.385	425.600	461.320	501.695	516.800
36.5	409.830	419.425	455.050	495.900	510.815
37.0	404.035	413.060	448.780	490.105	506.350
37.5	397.670	406.790	442.605	484.785	500.840
38.0	391.305	400.900	436.430	478.800	495.045
38.5	384.560	394.820	430.255	473.100	488.015
39.0	378.575	388.170	424.080	467.970	480.890
39.5	372.495	382.945	418.000	462.555	474.620
40.0	366.415	376.960	411.920	456.855	468.540
40.5	360.050	370.975	405.650	450.775	463.030
41.0	353.875	364.895	399.950	443.650	458.090
41.5	348.175	359.005	394.060	436.620	451.440
42.0	342.285	353.115	388.170	430.350	445.455
42.5	336.300	347.130	382.090	424.555	440.705
43.0	330.695	341.525	376.390	418.950	435.290
43.5	324.900	335.825	369.930	413.060	429.210
44.0	319.295	330.410	364.420	407.360	421.420
44.5	313.880	324.805	359.100	401.185	415.530
45.0	308.370	319.200	352.925	396.625	409.640
45.5	303.050	313.690	346.940	391.115	404.510
46.0	297.730	308.275	341.335	385.035	397.575
46.5	292.505	302.860	335.730	377.435	391.020
47.0	287.280	297.540	330.220	370.785	386.555
47.5	282.150	292.220	324.710	365.845	381.045
48.0	277.115	286.995	319.105	359.100	375.630
48.5	271.985	281.675	313.595	353.400	368.410
49.0	267.235	276.545	308.085	347.605	361.950
49.5	262.295	271.510	302.670	342.285	356.630
50.0	257.450	266.570	297.255	336.965	349.695
50.5	252.795	261.440	291.935	331.265	343.520
51.0	248.140	256.690	286.615	324.995	338.865
51.5	243.485	251.845	281.295	318.820	334.115
52.0	238.925	247.095	276.070	313.120	328.320
52.5	234.365	242.440	270.845	307.610	322.050
53.0	229.710	237.690	265.620	301.910	315.495
53.5	225.340	233.035	260.490	296.495	309.320
54.0	220.875	228.475	255.455	290.890	303.525
54.5	216.410	223.915	250.420	285.380	298.585

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

CANDELA TABULATION - (Cont.)

55.0	212.135	219.355	245.480	279.870	294.405
55.5	207.670	214.985	240.540	274.550	289.180
56.0	203.395	210.520	235.695	269.135	281.865
56.5	199.120	206.245	230.850	263.815	275.690
57.0	194.845	201.875	225.910	258.495	270.275
57.5	190.665	197.695	221.255	253.175	265.430
58.0	186.485	193.325	216.410	247.855	261.725
58.5	182.305	189.335	211.755	242.725	254.885
59.0	178.220	185.060	207.100	237.405	248.425
59.5	174.325	180.880	202.635	232.370	243.105
60.0	170.335	176.795	197.885	227.240	238.260
60.5	166.345	172.805	193.420	221.920	234.175
61.0	162.450	168.720	189.050	216.980	227.715
61.5	158.650	164.730	184.585	211.850	221.825
62.0	154.850	160.740	180.215	206.815	216.885
62.5	151.145	156.940	175.845	201.875	212.420
63.0	147.345	152.950	171.475	196.935	207.290
63.5	143.830	149.245	167.200	191.900	201.115
64.0	140.125	145.350	163.020	187.055	196.080
64.5	136.515	141.550	158.745	182.210	191.615
65.0	133.000	137.940	154.660	177.365	186.770
65.5	129.485	134.235	150.480	172.425	181.070
66.0	125.875	130.530	146.300	167.675	175.845
66.5	122.360	126.920	142.120	162.925	172.045
67.0	118.940	123.215	138.130	158.270	166.250
67.5	115.615	119.700	134.140	153.520	161.310
68.0	112.195	116.280	130.150	148.960	157.605
68.5	108.775	112.765	126.255	144.400	151.620
69.0	105.450	109.345	122.265	139.840	146.965
69.5	102.315	106.020	118.370	135.280	142.690
70.0	99.370	102.695	114.475	130.815	137.465
70.5	96.140	99.370	110.770	126.350	133.095
71.0	92.948	96.045	106.970	121.980	128.250
71.5	89.746	92.872	103.360	117.705	123.880
72.0	86.592	89.670	99.560	113.525	119.320
72.5	83.486	86.488	95.950	109.250	114.760
73.0	80.408	83.286	92.425	105.165	110.200
73.5	77.349	80.104	88.777	100.985	105.735
74.0	74.309	76.969	85.300	96.805	101.460
74.5	71.307	73.881	81.814	92.796	97.185
75.0	68.371	70.813	78.346	88.844	92.919
75.5	65.436	67.782	74.926	84.920	88.644
76.0	62.567	64.799	71.506	80.949	84.654
76.5	59.717	61.816	68.162	77.035	80.408
77.0	56.886	58.909	64.875	73.207	76.418
77.5	54.131	56.040	61.636	69.426	72.352
78.0	51.395	53.209	58.453	65.702	68.390
78.5	48.706	50.426	55.328	62.063	64.495
79.0	46.046	47.671	52.231	58.463	60.676
79.5	43.434	44.954	49.229	54.948	56.943
80.0	40.859	42.284	46.246	51.528	53.314
80.5	38.304	39.662	43.329	48.165	49.770
81.0	35.843	37.088	40.498	44.878	46.284
81.5	33.392	34.580	37.734	41.667	42.883
82.0	31.036	32.110	35.036	38.570	39.605
82.5	28.671	29.697	32.357	35.549	36.413

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

CANDELA TABULATION - (Cont.)

83.0	26.391	27.379	29.792	32.604	33.326
83.5	24.139	25.080	27.293	29.811	30.333
84.0	21.973	22.847	24.842	27.065	27.464
84.5	19.826	20.662	22.458	24.377	24.700
85.0	17.765	18.534	20.149	21.821	22.049
85.5	15.722	16.425	17.898	19.247	19.484
86.0	13.765	14.373	15.684	16.824	17.005
86.5	11.827	12.388	13.528	14.516	14.639
87.0	9.908	10.459	11.438	12.245	12.312
87.5	8.103	8.597	9.443	10.060	10.079
88.0	6.336	6.982	7.647	7.980	7.932
88.5	4.607	5.491	6.080	6.279	6.108
89.0	2.954	4.085	4.617	4.845	4.864
89.5	1.653	2.840	3.382	3.781	3.781
90.0	0.807	2.014	2.413	2.755	2.736
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

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

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-LO-SAL-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-LO-SAL-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
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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	266.30	N.A.	16.60
0-30	540.43	N.A.	33.80
0-40	838.23	N.A.	52.30
0-60	1337.01	N.A.	83.50
0-80	1577.89	N.A.	98.50
0-90	1601.17	N.A.	100.00
10-90	1530.22	N.A.	95.60
20-40	571.93	N.A.	35.70
20-50	847.30	N.A.	52.90
40-70	654.97	N.A.	40.90
60-80	240.88	N.A.	15.00
70-80	84.69	N.A.	5.30
80-90	23.28	N.A.	1.50
90-110	0.06	N.A.	0.00
90-120	0.06	N.A.	0.00
90-130	0.06	N.A.	0.00
90-150	0.06	N.A.	0.00
90-180	0.06	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	1601.23	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	70.95
10-20	195.36
20-30	274.12
30-40	297.80
40-50	275.37
50-60	223.41
60-70	156.19
70-80	84.69
80-90	23.28
90-100	0.06
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

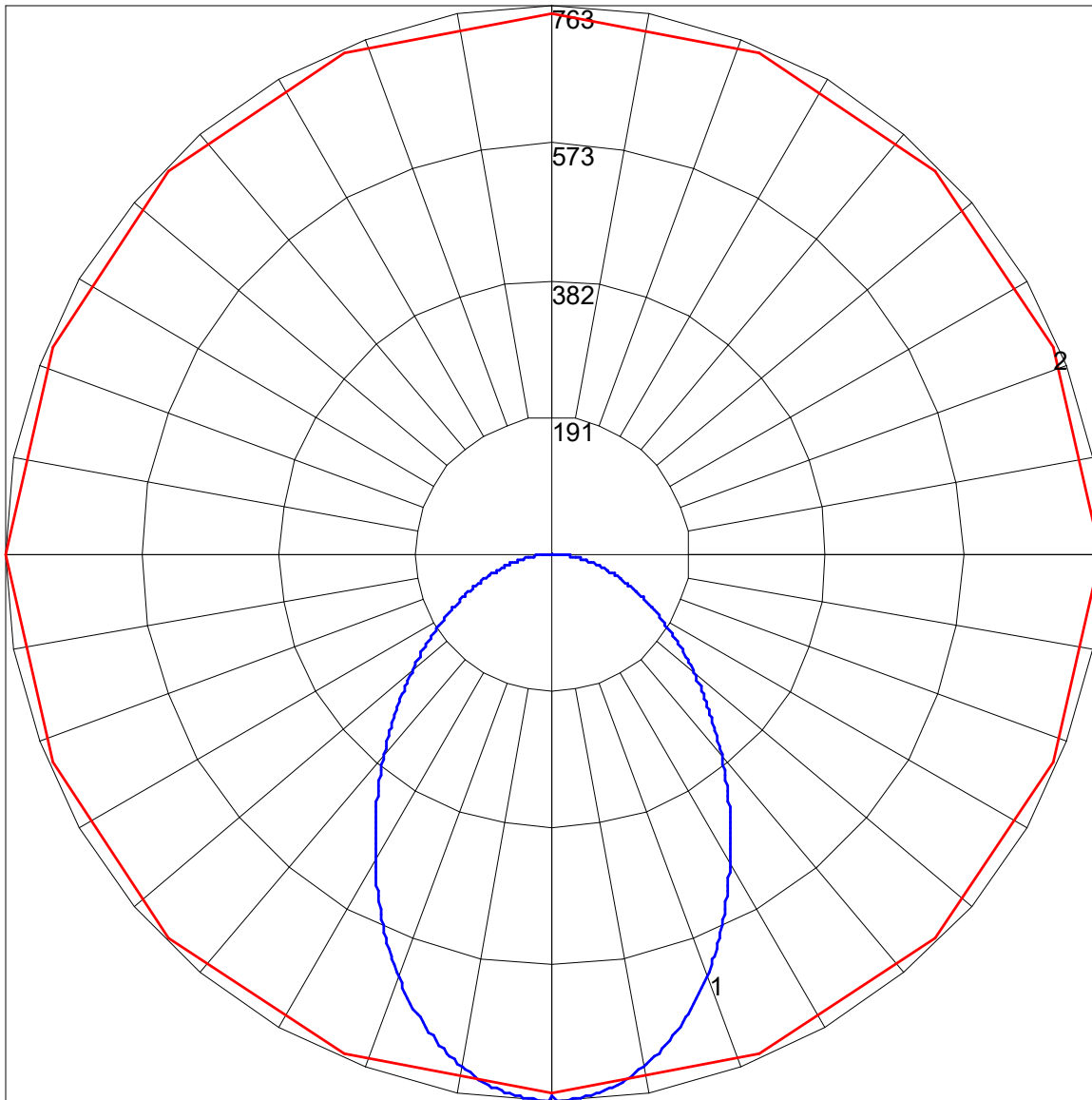
IES INDOOR REPORT
PHOTOMETRIC FILENAME : P23-FLSH-LED35-LO-SAL-D1.IES

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	38	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 = 763.42 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.)