



IES INDOOR REPORT

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

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] 11476049.01
 [TESTLAB] UL Verification Services Inc.
 [ISSUE DATE]
 [MANUFAC] Prudential Lighting Corp
 [LUMCAT] P23-FLSH-LED35-LO-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
 [OTHER]

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1584
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	99
Total Luminaire Watts	16
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	7667	7989	4352
55	6282	7132	4200
65	4798	5595	3838
75	3402	3875	3001
85	1831	2094	1694

IES INDOOR REPORT
PHOTOMETRIC FILENAME : P23-FLSH-LED35-LO-MBW-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	479.694	479.694	479.694	479.694	479.694
0.5	482.670	480.159	480.066	479.694	476.904
1.0	483.507	480.531	480.066	479.508	476.904
1.5	484.995	481.554	480.438	479.415	476.718
2.0	486.483	483.042	481.089	479.601	475.974
2.5	488.343	484.623	482.391	479.322	475.974
3.0	490.575	486.669	482.856	479.322	475.230
3.5	493.737	488.994	483.972	479.229	474.579
4.0	496.806	491.784	485.088	478.764	473.928
4.5	500.991	494.760	486.762	478.578	473.184
5.0	504.525	497.736	488.157	478.392	472.161
5.5	508.338	501.177	489.831	478.206	471.045
6.0	512.895	504.897	491.505	477.834	469.743
6.5	518.289	508.617	493.644	477.462	468.627
7.0	522.660	512.802	495.969	477.369	467.232
7.5	527.961	516.987	497.829	476.811	466.209
8.0	533.169	521.358	500.526	476.532	464.256
8.5	538.377	525.915	502.386	476.160	462.489
9.0	544.050	530.658	504.990	475.881	460.536
9.5	549.909	535.587	507.501	475.323	458.769
10.0	555.210	540.051	510.012	475.137	456.909
10.5	561.162	544.887	512.709	474.486	454.584
11.0	566.556	549.537	515.220	473.835	452.724
11.5	571.950	554.187	517.824	473.556	450.492
12.0	577.251	559.023	520.335	472.998	448.446
12.5	582.459	563.673	523.032	472.440	445.935
13.0	587.760	568.044	525.636	471.882	443.703
13.5	592.317	572.880	528.426	470.952	441.099
14.0	597.246	577.065	530.937	470.301	438.588
14.5	601.803	581.622	533.634	470.115	436.170
15.0	606.360	585.528	535.773	469.371	433.659
15.5	610.080	589.248	538.284	468.255	430.683
16.0	614.265	592.782	540.423	467.604	428.172
16.5	618.171	596.316	542.748	466.953	425.475
17.0	621.891	599.850	544.887	466.023	422.220
17.5	625.611	602.919	546.747	465.558	419.895
18.0	628.308	606.174	548.700	464.814	416.640
18.5	631.284	609.522	550.839	463.698	413.478
19.0	634.353	611.847	552.699	462.675	410.874
19.5	637.050	614.451	554.466	461.745	407.712
20.0	639.282	616.869	555.768	460.815	404.643
20.5	641.235	618.822	557.256	459.792	401.760
21.0	643.467	620.403	558.651	458.676	398.505
21.5	645.513	622.263	560.046	457.653	395.250
22.0	645.792	623.565	560.790	456.630	392.181
22.5	647.001	624.774	562.371	455.235	389.019
23.0	647.745	625.797	562.836	454.398	386.043
23.5	647.745	626.913	563.673	452.538	382.602
24.0	647.838	627.471	564.324	451.236	379.533
24.5	648.582	627.285	564.882	449.934	376.092
25.0	647.652	627.564	565.254	448.539	372.744
25.5	647.466	627.285	565.440	447.051	369.675
26.0	646.257	626.820	565.998	445.563	366.327
26.5	645.420	626.355	565.719	443.889	363.351

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

CANDELA TABULATION - (Cont.)

27.0	643.746	625.797	565.719	442.122	359.631
27.5	642.258	624.867	565.626	440.448	356.655
28.0	639.654	623.472	565.068	438.495	352.935
28.5	637.608	621.705	564.696	436.728	350.610
29.0	634.911	620.031	564.045	434.868	347.262
29.5	633.051	617.985	563.022	432.915	343.914
30.0	629.331	616.125	561.999	430.683	340.287
30.5	626.634	613.707	560.883	428.730	337.125
31.0	622.449	611.103	559.488	426.684	334.056
31.5	618.357	608.127	557.907	424.545	331.080
32.0	614.358	604.686	556.512	422.034	328.011
32.5	610.080	601.524	555.024	419.616	324.198
33.0	605.709	597.897	552.978	417.384	321.687
33.5	600.408	594.084	551.118	415.152	318.525
34.0	595.107	590.271	548.886	412.548	315.642
34.5	590.178	585.621	546.375	410.037	312.201
35.0	584.412	581.064	543.771	407.433	309.783
35.5	578.367	576.507	541.074	404.736	306.621
36.0	572.508	571.299	538.377	402.132	303.645
36.5	566.556	566.277	535.308	399.249	300.390
37.0	559.860	561.069	532.146	396.552	297.693
37.5	552.792	555.303	528.891	393.669	294.624
38.0	546.096	550.002	525.450	390.321	291.369
38.5	538.749	543.864	521.451	387.438	288.579
39.0	531.774	538.005	517.917	384.369	285.603
39.5	524.520	531.960	513.825	381.207	282.813
40.0	517.359	525.264	510.105	378.231	279.744
40.5	509.733	518.847	505.827	374.976	276.954
41.0	502.665	512.337	501.642	371.628	273.792
41.5	495.132	505.548	496.992	368.373	271.095
42.0	487.971	498.852	492.528	364.839	268.491
42.5	480.903	492.156	487.413	361.212	265.701
43.0	472.998	485.274	482.856	358.143	263.097
43.5	465.837	478.113	477.648	354.051	261.144
44.0	458.211	471.324	472.626	350.238	258.540
44.5	450.585	464.070	467.418	346.983	255.006
45.0	443.331	457.188	461.931	342.984	251.658
45.5	435.798	450.027	456.258	339.543	248.682
46.0	428.079	442.959	450.771	335.265	245.892
46.5	420.453	435.519	445.005	331.545	243.195
47.0	413.106	427.986	439.053	327.453	240.591
47.5	405.108	420.825	433.194	323.640	238.080
48.0	397.575	413.385	427.056	319.641	235.011
48.5	389.856	405.759	420.825	315.456	232.221
49.0	382.788	398.412	414.594	311.085	229.896
49.5	375.069	390.879	408.270	306.900	228.222
50.0	367.629	383.346	401.853	302.715	225.525
50.5	359.910	375.441	395.529	298.437	222.084
51.0	352.935	368.187	388.833	293.973	218.271
51.5	345.123	360.375	382.044	289.323	215.202
52.0	337.590	352.656	375.348	284.859	212.319
52.5	331.359	345.309	369.024	280.395	209.715
53.0	323.547	337.776	362.142	275.838	206.739
53.5	316.014	330.615	355.260	271.374	204.042
54.0	309.039	323.175	348.099	266.538	202.182
54.5	301.692	315.549	341.589	261.795	200.043

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

CANDELA TABULATION - (Cont.)

55.0	294.624	308.295	334.521	257.238	196.974
55.5	287.463	300.948	327.360	252.588	192.789
56.0	280.581	293.787	320.757	247.659	189.348
56.5	273.420	286.626	313.038	243.102	186.372
57.0	266.166	279.372	305.970	238.173	183.210
57.5	259.284	272.490	298.902	233.430	180.420
58.0	252.774	265.236	291.555	228.594	178.653
58.5	245.706	258.261	284.301	223.665	176.235
59.0	239.103	251.472	277.140	218.829	172.794
59.5	232.314	244.590	269.979	213.900	168.423
60.0	225.897	237.801	262.725	208.971	164.796
60.5	219.573	231.012	255.564	204.042	161.541
61.0	213.063	224.502	248.496	199.206	159.030
61.5	206.832	217.899	241.335	194.277	156.612
62.0	200.694	211.575	234.360	189.162	153.450
62.5	194.835	205.251	227.385	184.233	149.265
63.0	188.697	199.020	220.410	179.211	145.173
63.5	182.838	192.789	213.528	174.282	141.918
64.0	177.165	186.651	206.646	169.353	139.593
64.5	171.399	180.699	199.950	164.331	136.524
65.0	165.819	174.747	193.347	159.309	132.618
65.5	160.146	169.074	186.651	154.287	128.340
66.0	154.659	163.215	180.327	149.544	125.178
66.5	149.451	157.635	173.910	144.801	122.481
67.0	144.336	152.055	167.493	139.965	118.668
67.5	139.128	146.568	161.448	135.129	114.390
68.0	134.013	141.174	155.403	130.293	111.135
68.5	128.805	135.966	149.358	125.550	108.066
69.0	123.876	130.758	143.499	121.086	104.439
69.5	118.947	125.643	137.733	116.436	100.626
70.0	114.111	120.714	132.153	111.972	97.557
70.5	109.368	115.785	126.666	107.508	93.930
71.0	104.904	110.949	121.086	103.137	90.433
71.5	100.719	106.206	115.878	98.859	87.122
72.0	96.348	101.835	110.670	94.581	83.616
72.5	92.005	97.278	105.741	90.517	80.120
73.0	87.997	92.814	100.719	86.453	76.725
73.5	83.821	88.508	95.790	82.398	73.275
74.0	79.720	84.258	91.149	78.483	70.057
74.5	75.776	80.073	86.481	74.623	66.718
75.0	71.991	76.065	82.007	70.764	63.510
75.5	68.206	72.103	77.655	67.053	60.357
76.0	64.458	68.188	73.349	63.398	57.269
76.5	60.850	64.328	69.118	59.818	54.145
77.0	57.279	60.645	64.979	56.339	51.197
77.5	53.819	56.953	60.971	52.964	48.267
78.0	50.471	53.391	57.121	49.634	45.421
78.5	47.225	49.960	53.289	46.416	42.678
79.0	43.980	46.630	49.653	43.282	39.981
79.5	40.836	43.338	46.054	40.250	37.405
80.0	37.805	40.167	42.603	37.265	34.680
80.5	34.856	37.098	39.283	34.419	32.299
81.0	31.992	34.150	36.075	31.639	29.714
81.5	29.286	31.313	33.024	28.970	27.110
82.0	26.672	28.551	30.039	26.421	24.636
82.5	24.134	25.910	27.203	23.920	22.255

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

CANDELA TABULATION - (Cont.)

83.0	21.697	23.371	24.478	21.530	19.921
83.5	19.344	20.953	21.874	19.251	17.782
84.0	17.140	18.656	19.428	17.093	15.764
84.5	15.029	16.489	17.103	15.122	13.857
85.0	13.048	14.443	14.927	13.169	12.071
85.5	11.179	12.527	12.871	11.365	10.388
86.0	9.449	10.732	10.965	9.681	8.807
86.5	7.868	9.077	9.216	8.100	7.347
87.0	6.445	7.542	7.626	6.687	5.999
87.5	5.115	6.166	6.166	5.413	4.845
88.0	3.925	4.985	4.929	4.287	3.804
88.5	2.883	3.980	3.897	3.302	2.957
89.0	2.083	3.088	3.004	2.548	2.251
89.5	1.516	2.381	2.232	1.925	1.655
90.0	1.032	1.814	1.655	1.469	1.228
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-MBW-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-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-LO-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-LO-MBW-D1.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	196.86	N.A.	12.40
0-30	444.59	N.A.	28.10
0-40	753.11	N.A.	47.60
0-60	1318.5	N.A.	83.30
0-80	1566.19	N.A.	98.90
0-90	1583.53	N.A.	100.00
10-90	1536.29	N.A.	97.00
20-40	556.26	N.A.	35.10
20-50	865.94	N.A.	54.70
40-70	733.48	N.A.	46.30
60-80	247.69	N.A.	15.60
70-80	79.60	N.A.	5.00
80-90	17.34	N.A.	1.10
90-110	0.04	N.A.	0.00
90-120	0.04	N.A.	0.00
90-130	0.04	N.A.	0.00
90-150	0.04	N.A.	0.00
90-180	0.04	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	1583.57	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	47.24
10-20	149.61
20-30	247.73
30-40	308.53
40-50	309.68
50-60	255.70
60-70	168.10
70-80	79.60
80-90	17.34
90-100	0.04
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

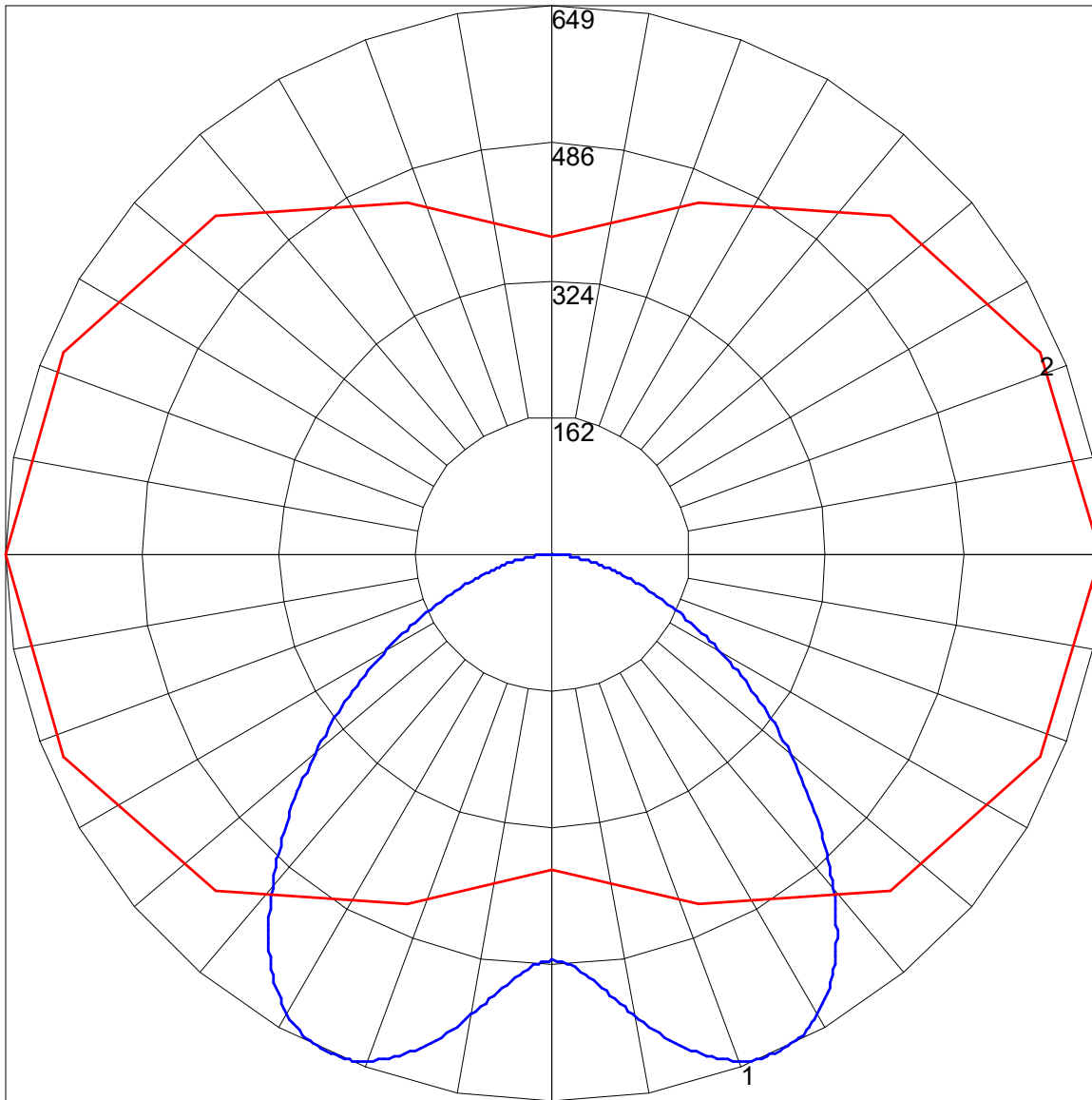
IES INDOOR REPORT
PHOTOMETRIC FILENAME : P23-FLSH-LED35-LO-MBW-D1.IES

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	98	95	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 = 648.582 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.)