



IES INDOOR REPORT

PHOTOMETRIC FILENAME : ASM1BSBWRL125DN125UP35K 4FT LM-79-IN MKTG.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] INTERPOLATED FROM TEST REPORTS 12012267.06 and 12529420.01

[TESTLAB] UL Verification Services Inc.

[ISSUE DATE] 9/14/2018

[MANUFAC] Focal Point LLC

[LUMCAT] ASM1BS-BWRL--XX-125DN-125UP-35K-1C-120-L11-CXX-WH 4FT

[LUMINAIRE] frosted plastic lens enclosure, felt housing material

[LAMP] 174 white LEDs

[BALLAST] Philips LED driver

[TOTAL LUMINAIRE LUMENS] 2987.5

[OTHER] 25.1 C, 120.076 V, 0.990573 PF, 59.9706 Hz This test was performed using the calibrated photodetector method of absolute

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	914
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	76
Total Luminaire Watts	11.98
Ballast Factor	1.00
CIE Type	Semi-Indirect
Spacing Criterion (0-180)	N.A.
Spacing Criterion (90-270)	N.A.
Spacing Criterion (Diagonal)	N.A.
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	4.00 ft
Luminous Width (90-270)	0.15 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	2185	1869	1677
55	2023	1593	1349
65	1849	1254	940
75	1539	711	339
85	1048	92	73

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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	140.423	140.423	140.423	140.423	140.423
0.5	142.129	141.134	139.895	139.631	139.895
1.0	142.109	141.094	139.855	139.631	139.814
1.5	142.048	141.012	139.794	139.611	139.712
2.0	141.967	140.931	139.712	139.591	139.611
2.5	141.886	140.809	139.611	139.550	139.509
3.0	141.764	140.667	139.489	139.489	139.367
3.5	141.622	140.505	139.347	139.388	139.225
4.0	141.459	140.322	139.184	139.266	139.042
4.5	141.297	140.119	138.981	139.103	138.859
5.0	141.114	139.895	138.778	138.900	138.656
5.5	140.911	139.672	138.575	138.677	138.413
6.0	140.708	139.428	138.331	138.413	138.169
6.5	140.464	139.184	138.088	138.088	137.905
7.0	140.220	138.900	137.803	137.742	137.600
7.5	139.956	138.636	137.519	137.377	137.255
8.0	139.672	138.331	137.214	136.971	136.869
8.5	139.388	138.027	136.869	136.564	136.422
9.0	139.103	137.702	136.504	136.097	135.935
9.5	138.778	137.357	136.118	135.630	135.386
10.0	138.433	137.011	135.671	135.122	134.818
10.5	138.088	136.646	135.224	134.594	134.208
11.0	137.722	136.239	134.737	134.046	133.579
11.5	137.357	135.833	134.208	133.457	132.929
12.0	136.950	135.407	133.660	132.848	132.279
12.5	136.544	134.960	133.091	132.218	131.609
13.0	136.118	134.493	132.502	131.548	130.959
13.5	135.671	133.985	131.893	130.878	130.268
14.0	135.265	133.457	131.264	130.167	129.557
14.5	134.797	132.909	130.614	129.415	128.867
15.0	134.290	132.340	129.943	128.664	128.136
15.5	133.762	131.771	129.253	127.892	127.384
16.0	133.234	131.162	128.562	127.120	126.613
16.5	132.665	130.532	127.831	126.328	125.800
17.0	132.096	129.882	127.100	125.516	124.988
17.5	131.507	129.233	126.328	124.703	124.114
18.0	130.878	128.562	125.577	123.871	123.241
18.5	130.268	127.892	124.805	123.038	122.307
19.0	129.639	127.181	123.993	122.185	121.373
19.5	128.989	126.491	123.200	121.291	120.418
20.0	128.339	125.780	122.388	120.377	119.443
20.5	127.689	125.069	121.555	119.443	118.489
21.0	127.019	124.338	120.723	118.448	117.493
21.5	126.328	123.607	119.849	117.453	116.498
22.0	125.638	122.875	118.976	116.437	115.483
22.5	124.947	122.124	118.082	115.381	114.447
23.0	124.216	121.373	117.209	114.345	113.370
23.5	123.485	120.601	116.315	113.309	112.314
24.0	122.733	119.829	115.381	112.274	111.197
24.5	121.962	119.017	114.467	111.218	110.101
25.0	121.190	118.204	113.533	110.182	109.004
25.5	120.418	117.392	112.599	109.146	107.907
26.0	119.626	116.539	111.664	108.110	106.831
26.5	118.834	115.686	110.710	107.095	105.734

IES INDOOR REPORT**PHOTOMETRIC FILENAME : ASM1BSBWRL125DN125UP35K 4FT LM-79-IN MKTG.IES****CANDELA TABULATION - (Cont.)**

27.0	118.021	114.812	109.755	106.079	104.678
27.5	117.209	113.939	108.780	105.084	103.642
28.0	116.397	113.025	107.826	104.068	102.586
28.5	115.564	112.132	106.851	103.073	101.570
29.0	114.731	111.218	105.856	102.078	100.514
29.5	113.878	110.283	104.861	101.063	99.499
30.0	113.025	109.329	103.865	100.067	98.483
30.5	112.152	108.374	102.870	99.052	97.468
31.0	111.278	107.420	101.855	98.016	96.432
31.5	110.405	106.445	100.839	96.960	95.396
32.0	109.512	105.470	99.824	95.904	94.340
32.5	108.598	104.515	98.808	94.827	93.264
33.0	107.704	103.520	97.793	93.751	92.167
33.5	106.790	102.545	96.757	92.634	91.070
34.0	105.856	101.570	95.721	91.537	89.912
34.5	104.942	100.595	94.685	90.400	88.775
35.0	104.008	99.600	93.629	89.283	87.617
35.5	103.053	98.625	92.553	88.125	86.439
36.0	102.119	97.610	91.497	86.988	85.282
36.5	101.164	96.615	90.420	85.830	84.104
37.0	100.230	95.599	89.344	84.693	82.926
37.5	99.275	94.584	88.288	83.535	81.748
38.0	98.300	93.548	87.191	82.398	80.590
38.5	97.326	92.532	86.114	81.260	79.412
39.0	96.330	91.476	85.018	80.103	78.234
39.5	95.335	90.420	83.921	78.986	77.076
40.0	94.320	89.364	82.824	77.848	75.919
40.5	93.304	88.308	81.727	76.691	74.741
41.0	92.289	87.252	80.651	75.553	73.603
41.5	91.253	86.196	79.534	74.416	72.446
42.0	90.237	85.119	78.458	73.278	71.308
42.5	89.202	84.063	77.340	72.121	70.171
43.0	88.145	82.987	76.223	70.963	69.013
43.5	87.089	81.910	75.106	69.826	67.856
44.0	86.033	80.854	73.989	68.668	66.698
44.5	84.977	79.798	72.872	67.510	65.540
45.0	83.921	78.722	71.776	66.373	64.403
45.5	82.885	77.645	70.658	65.236	63.245
46.0	81.829	76.569	69.541	64.098	62.108
46.5	80.793	75.492	68.445	62.961	60.950
47.0	79.737	74.396	67.328	61.824	59.833
47.5	78.701	73.319	66.231	60.707	58.696
48.0	77.665	72.202	65.134	59.590	57.559
48.5	76.609	71.105	64.037	58.472	56.441
49.0	75.574	70.009	62.920	57.376	55.324
49.5	74.538	68.912	61.824	56.259	54.207
50.0	73.502	67.815	60.707	55.142	53.090
50.5	72.466	66.698	59.590	54.025	51.973
51.0	71.410	65.601	58.472	52.928	50.856
51.5	70.374	64.505	57.355	51.811	49.759
52.0	69.338	63.408	56.218	50.694	48.642
52.5	68.303	62.331	55.101	49.597	47.546
53.0	67.246	61.255	54.004	48.480	46.429
53.5	66.211	60.158	52.887	47.363	45.332
54.0	65.154	59.102	51.811	46.266	44.215
54.5	64.098	58.026	50.714	45.149	43.118

IES INDOOR REPORT**PHOTOMETRIC FILENAME : ASM1BSBWRL125DN125UP35K 4FT LM-79-IN MKTG.IES****CANDELA TABULATION - (Cont.)**

55.0	63.022	56.949	49.617	44.052	42.021
55.5	61.966	55.893	48.561	42.956	40.925
56.0	60.889	54.837	47.464	41.879	39.848
56.5	59.833	53.761	46.388	40.782	38.751
57.0	58.777	52.704	45.332	39.706	37.695
57.5	57.721	51.648	44.255	38.650	36.619
58.0	56.665	50.592	43.199	37.573	35.563
58.5	55.629	49.556	42.123	36.517	34.527
59.0	54.593	48.500	41.047	35.482	33.491
59.5	53.557	47.444	39.990	34.425	32.455
60.0	52.542	46.388	38.934	33.390	31.440
60.5	51.506	45.352	37.878	32.354	30.404
61.0	50.511	44.316	36.842	31.318	29.389
61.5	49.516	43.281	35.807	30.282	28.393
62.0	48.521	42.245	34.771	29.267	27.358
62.5	47.505	41.229	33.735	28.272	26.362
63.0	46.510	40.193	32.740	27.276	25.367
63.5	45.494	39.178	31.724	26.281	24.413
64.0	44.479	38.162	30.749	25.327	23.438
64.5	43.443	37.147	29.774	24.372	22.503
65.0	42.428	36.131	28.779	23.438	21.569
65.5	41.392	35.136	27.825	22.503	20.676
66.0	40.376	34.121	26.850	21.569	19.760
66.5	39.340	33.146	25.875	20.655	18.854
67.0	38.305	32.130	24.900	19.725	17.958
67.5	37.269	31.135	23.925	18.793	17.081
68.0	36.233	30.140	22.950	17.861	16.211
68.5	35.218	29.145	21.975	16.916	15.291
69.0	34.161	28.129	21.001	16.061	14.382
69.5	33.105	27.114	20.020	15.125	13.492
70.0	32.049	26.098	19.047	14.203	12.653
70.5	30.973	25.063	18.072	13.327	11.776
71.0	29.937	24.027	17.103	12.460	10.913
71.5	28.881	23.011	16.185	11.583	10.076
72.0	27.804	21.996	15.271	10.716	9.257
72.5	26.748	21.001	14.377	9.875	8.461
73.0	25.692	19.995	13.457	9.052	7.661
73.5	24.656	19.014	12.584	8.250	6.901
74.0	23.641	18.049	11.719	7.472	6.164
74.5	22.625	17.103	10.846	6.710	5.449
75.0	21.630	16.167	9.997	5.973	4.761
75.5	20.635	15.328	9.156	5.254	4.115
76.0	19.660	14.451	8.341	4.568	3.503
76.5	18.712	13.575	7.543	3.918	2.933
77.0	17.779	12.720	6.757	3.306	2.395
77.5	16.863	11.849	6.004	2.740	1.915
78.0	15.949	10.992	5.260	2.208	1.507
78.5	15.105	10.145	4.549	1.734	1.164
79.0	14.284	9.314	3.867	1.342	0.896
79.5	13.407	8.494	3.215	1.026	0.741
80.0	12.535	7.697	2.622	0.808	0.678
80.5	11.682	6.914	2.070	0.699	0.640
81.0	10.850	6.148	1.574	0.642	0.603
81.5	10.031	5.407	1.168	0.603	0.571
82.0	9.227	4.669	0.898	0.569	0.538
82.5	8.459	3.979	0.719	0.534	0.506

IES INDOOR REPORT**PHOTOMETRIC FILENAME : ASM1BSBWRL125DN125UP35K 4FT LM-79-IN MKTG.IES****CANDELA TABULATION - (Cont.)**

83.0	7.708	3.317	0.613	0.502	0.473
83.5	6.987	2.683	0.556	0.467	0.441
84.0	6.292	2.088	0.516	0.433	0.408
84.5	5.614	1.546	0.475	0.398	0.376
85.0	4.962	1.099	0.435	0.366	0.345
85.5	4.328	0.780	0.394	0.331	0.313
86.0	3.721	0.563	0.355	0.299	0.282
86.5	3.144	0.445	0.317	0.264	0.250
87.0	2.577	0.382	0.276	0.232	0.219
87.5	2.015	0.327	0.236	0.191	0.165
88.0	1.444	0.272	0.193	0.132	0.118
88.5	0.934	0.215	0.136	0.102	0.097
89.0	0.485	0.156	0.100	0.087	0.083
89.5	0.187	0.112	0.083	0.075	0.075
90.0	0.825	5.254	3.422	1.584	1.038
90.5	1.418	6.637	4.706	2.498	1.682
91.0	2.338	8.029	6.276	3.709	2.768
91.5	3.674	9.369	8.018	5.151	4.023
92.0	5.207	10.817	9.867	6.784	5.415
92.5	6.816	12.992	11.735	8.577	7.001
93.0	8.496	15.391	13.510	10.492	8.792
93.5	10.279	17.727	15.419	12.541	10.829
94.0	12.129	20.058	17.658	14.723	12.998
94.5	14.067	22.483	20.351	16.979	15.285
95.0	16.136	25.469	23.296	19.489	17.812
95.5	18.311	28.718	26.484	22.361	20.452
96.0	20.594	32.029	30.018	25.408	23.478
96.5	23.052	35.278	33.816	28.800	26.951
97.0	25.652	38.548	37.858	32.476	30.709
97.5	28.434	41.839	42.062	36.436	34.486
98.0	31.399	45.393	46.266	40.722	38.406
98.5	34.527	49.130	50.409	45.251	42.610
99.0	37.716	52.948	54.573	49.942	47.119
99.5	41.270	56.807	58.777	54.675	51.912
100.0	45.129	60.747	63.042	59.427	56.746
100.5	49.292	64.789	67.389	64.261	61.539
101.0	53.639	68.831	71.755	69.054	66.251
101.5	58.249	72.893	76.102	73.644	70.943
102.0	63.123	76.833	80.448	78.133	75.756
102.5	68.242	80.935	84.835	82.499	80.428
103.0	73.644	85.079	89.161	86.744	84.957
103.5	79.189	89.181	93.345	90.928	89.242
104.0	84.815	93.101	97.386	95.091	93.365
104.5	90.339	96.960	101.347	99.133	97.427
105.0	95.680	100.717	105.206	103.012	101.327
105.5	100.717	104.434	108.841	106.770	105.145
106.0	105.389	108.070	112.335	110.344	108.780
106.5	109.755	111.543	115.665	113.777	112.192
107.0	113.838	114.853	118.895	117.067	115.381
107.5	117.737	118.001	121.941	120.235	118.448
108.0	121.413	120.966	124.805	123.221	121.312
108.5	124.866	123.769	127.364	125.942	124.033
109.0	128.034	126.369	129.801	128.420	126.633
109.5	130.959	128.745	132.056	130.654	129.009
110.0	133.619	130.939	134.046	132.685	131.223
110.5	136.016	132.929	135.833	134.554	133.193

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111.0	138.108	134.716	137.417	136.199	134.919
111.5	139.977	136.300	138.819	137.681	136.483
112.0	141.561	137.681	140.078	138.961	137.844
112.5	142.840	138.900	141.114	140.119	139.063
113.0	143.896	139.895	141.967	141.114	140.098
113.5	144.749	140.769	142.657	141.967	140.992
114.0	145.379	141.419	143.206	142.657	141.825
114.5	145.765	141.987	143.632	143.226	142.556
115.0	146.090	142.393	143.937	143.693	143.145
115.5	146.232	142.718	144.160	144.059	143.632
116.0	146.191	142.901	144.262	144.282	143.978
116.5	146.029	142.962	144.181	144.404	144.242
117.0	145.765	142.861	144.099	144.445	144.424
117.5	145.460	142.718	143.917	144.465	144.506
118.0	144.993	142.536	143.673	144.363	144.567
118.5	144.587	142.272	143.389	144.201	144.546
119.0	144.079	141.886	143.064	143.998	144.445
119.5	143.551	141.459	142.698	143.815	144.363
120.0	142.921	141.114	142.272	143.571	144.221
120.5	142.393	140.667	141.845	143.287	144.079
121.0	141.764	140.261	141.378	143.003	143.896
121.5	141.134	139.814	140.972	142.678	143.693
122.0	140.464	139.306	140.545	142.353	143.510
122.5	139.895	138.920	140.119	142.028	143.348
123.0	139.103	138.433	139.712	141.703	143.165
123.5	138.535	138.027	139.367	141.419	142.921
124.0	137.986	137.600	138.981	141.134	142.739
124.5	137.478	137.194	138.636	140.850	142.556
125.0	136.930	136.849	138.311	140.606	142.434
125.5	136.524	136.382	137.946	140.342	142.332
126.0	136.219	136.077	137.661	140.098	142.170
126.5	135.854	135.752	137.336	139.855	142.068
127.0	135.630	135.468	136.991	139.631	141.967
127.5	135.447	135.122	136.666	139.388	141.865
128.0	135.204	134.737	136.341	139.083	141.743
128.5	135.041	134.412	135.894	138.778	141.540
129.0	134.818	134.046	135.468	138.392	141.297
129.5	134.615	133.660	135.021	137.925	140.890
130.0	134.432	133.213	134.493	137.336	140.403
130.5	134.046	132.706	133.904	136.707	139.834
131.0	133.660	132.096	133.193	135.935	139.123
131.5	133.112	131.446	132.421	135.061	138.291
132.0	132.320	130.715	131.568	134.026	137.296
132.5	131.406	129.903	130.553	132.888	136.158
133.0	130.268	128.928	129.497	131.670	134.899
133.5	128.928	127.851	128.339	130.350	133.538
134.0	127.445	126.673	127.059	128.908	132.096
134.5	125.841	125.292	125.658	127.364	130.512
135.0	123.972	123.871	124.216	125.760	128.806
135.5	121.982	122.408	122.693	124.074	126.998
136.0	120.012	120.865	121.068	122.327	125.110
136.5	117.981	119.159	119.423	120.499	123.241
137.0	115.828	117.331	117.696	118.610	121.291
137.5	113.756	115.564	115.929	116.701	119.301
138.0	111.685	113.716	114.081	114.772	117.209
138.5	109.552	111.847	112.172	112.822	115.117

IES INDOOR REPORT**PHOTOMETRIC FILENAME : ASM1BSBWRL125DN125UP35K 4FT LM-79-IN MKTG.IES****CANDELA TABULATION - (Cont.)**

139.0	107.521	109.958	110.324	110.872	113.025
139.5	105.531	108.049	108.455	108.923	110.974
140.0	103.561	106.120	106.587	107.013	108.963
140.5	101.611	104.292	104.698	105.104	106.952
141.0	99.783	102.545	102.890	103.236	104.942
141.5	98.016	100.758	101.123	101.408	103.033
142.0	96.351	99.011	99.397	99.621	101.184
142.5	94.685	97.305	97.732	97.915	99.377
143.0	93.020	95.660	96.066	96.229	97.630
143.5	91.436	94.117	94.462	94.563	95.884
144.0	89.933	92.614	92.918	92.979	94.218
144.5	88.572	91.172	91.436	91.476	92.634
145.0	87.191	89.770	90.034	90.014	91.090
145.5	85.810	88.430	88.714	88.572	89.608
146.0	84.551	87.089	87.374	87.191	88.186
146.5	83.352	85.830	86.094	85.871	86.805
147.0	82.195	84.632	84.896	84.591	85.505
147.5	80.996	83.413	83.718	83.373	84.226
148.0	79.920	82.235	82.560	82.195	83.007
148.5	78.843	81.138	81.423	81.078	81.870
149.0	77.828	80.062	80.346	79.981	80.753
149.5	76.853	79.047	79.311	78.925	79.696
150.0	75.919	78.072	78.295	77.929	78.661
150.5	75.025	77.137	77.340	76.955	77.665
151.0	74.192	76.203	76.386	76.020	76.751
151.5	73.400	75.309	75.492	75.127	75.838
152.0	72.608	74.477	74.639	74.253	74.964
152.5	71.877	73.664	73.786	73.421	74.111
153.0	71.166	72.913	72.994	72.608	73.299
153.5	70.516	72.202	72.222	71.857	72.547
154.0	69.866	71.471	71.491	71.105	71.796
154.5	69.237	70.780	70.801	70.415	71.065
155.0	68.648	70.130	70.151	69.745	70.374
155.5	68.099	69.501	69.541	69.115	69.704
156.0	67.612	68.912	68.932	68.506	69.074
156.5	67.125	68.363	68.343	67.917	68.485
157.0	66.617	67.815	67.815	67.368	67.937
157.5	66.190	67.287	67.267	66.840	67.409
158.0	65.743	66.800	66.739	66.353	66.881
158.5	65.297	66.312	66.292	65.886	66.393
159.0	64.870	65.845	65.804	65.459	65.987
159.5	64.505	65.439	65.337	65.012	65.561
160.0	64.139	65.033	64.931	64.606	65.154
160.5	63.794	64.647	64.545	64.220	64.769
161.0	63.469	64.241	64.159	63.875	64.444
161.5	63.123	63.895	63.814	63.530	64.119
162.0	62.799	63.570	63.469	63.205	63.773
162.5	62.494	63.245	63.144	62.900	63.469
163.0	62.189	62.941	62.839	62.616	63.205
163.5	61.945	62.677	62.534	62.352	62.941
164.0	61.681	62.413	62.270	62.088	62.697
164.5	61.438	62.149	62.006	61.844	62.433
165.0	61.214	61.885	61.742	61.621	62.210
165.5	60.991	61.661	61.499	61.397	61.986
166.0	60.768	61.417	61.275	61.194	61.783
166.5	60.564	61.214	61.052	60.971	61.580

IES INDOOR REPORT**PHOTOMETRIC FILENAME : ASM1BSBWRL125DN125UP35K 4FT LM-79-IN MKTG.IES****CANDELA TABULATION - (Cont.)**

167.0	60.361	60.991	60.849	60.788	61.397
167.5	60.158	60.808	60.646	60.605	61.194
168.0	60.016	60.605	60.463	60.443	61.032
168.5	59.833	60.422	60.280	60.260	60.869
169.0	59.671	60.239	60.118	60.097	60.686
169.5	59.508	60.077	59.955	59.935	60.544
170.0	59.366	59.935	59.793	59.793	60.382
170.5	59.204	59.793	59.671	59.650	60.239
171.0	59.102	59.671	59.508	59.529	60.097
171.5	58.980	59.529	59.407	59.407	59.975
172.0	58.879	59.427	59.285	59.265	59.854
172.5	58.757	59.326	59.183	59.143	59.711
173.0	58.655	59.224	59.061	59.041	59.590
173.5	58.554	59.143	58.980	58.940	59.508
174.0	58.472	59.061	58.899	58.858	59.407
174.5	58.391	59.001	58.818	58.757	59.305
175.0	58.290	58.919	58.737	58.676	59.204
175.5	58.249	58.838	58.655	58.594	59.122
176.0	58.188	58.777	58.615	58.513	59.041
176.5	58.148	58.737	58.533	58.452	58.960
177.0	58.107	58.696	58.472	58.391	58.879
177.5	58.046	58.655	58.432	58.351	58.797
178.0	58.005	58.615	58.391	58.310	58.737
178.5	57.965	58.594	58.351	58.269	58.716
179.0	57.985	58.574	58.330	58.249	58.696
179.5	57.944	58.554	58.310	58.229	58.676
180.0	58.351	58.351	58.351	58.351	58.351

IES INDOOR REPORT**PHOTOMETRIC FILENAME : ASM1BSBWRL125DN125UP35K 4FT LM-79-IN MKTG.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	49.92	N.A.	5.50
0-30	102.49	N.A.	11.20
0-40	161.56	N.A.	17.70
0-60	263.09	N.A.	28.80
0-80	305.20	N.A.	33.40
0-90	306.93	N.A.	33.60
10-90	293.73	N.A.	32.20
20-40	111.65	N.A.	12.20
20-50	167.75	N.A.	18.40
40-70	131.34	N.A.	14.40
60-80	42.12	N.A.	4.60
70-80	12.31	N.A.	1.30
80-90	1.73	N.A.	0.20
90-110	131.92	N.A.	14.40
90-120	272.45	N.A.	29.80
90-130	397.24	N.A.	43.50
90-150	550.62	N.A.	60.30
90-180	606.66	N.A.	66.40
110-180	474.74	N.A.	52.00
0-180	913.59	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	13.20
10-20	36.71
20-30	52.57
30-40	59.07
40-50	56.10
50-60	45.42
60-70	29.81
70-80	12.31
80-90	1.73
90-100	26.82
100-110	105.10
110-120	140.52
120-130	124.80
130-140	96.11
140-150	57.27
150-160	32.76
160-170	17.63
170-180	5.64

IES INDOOR REPORT

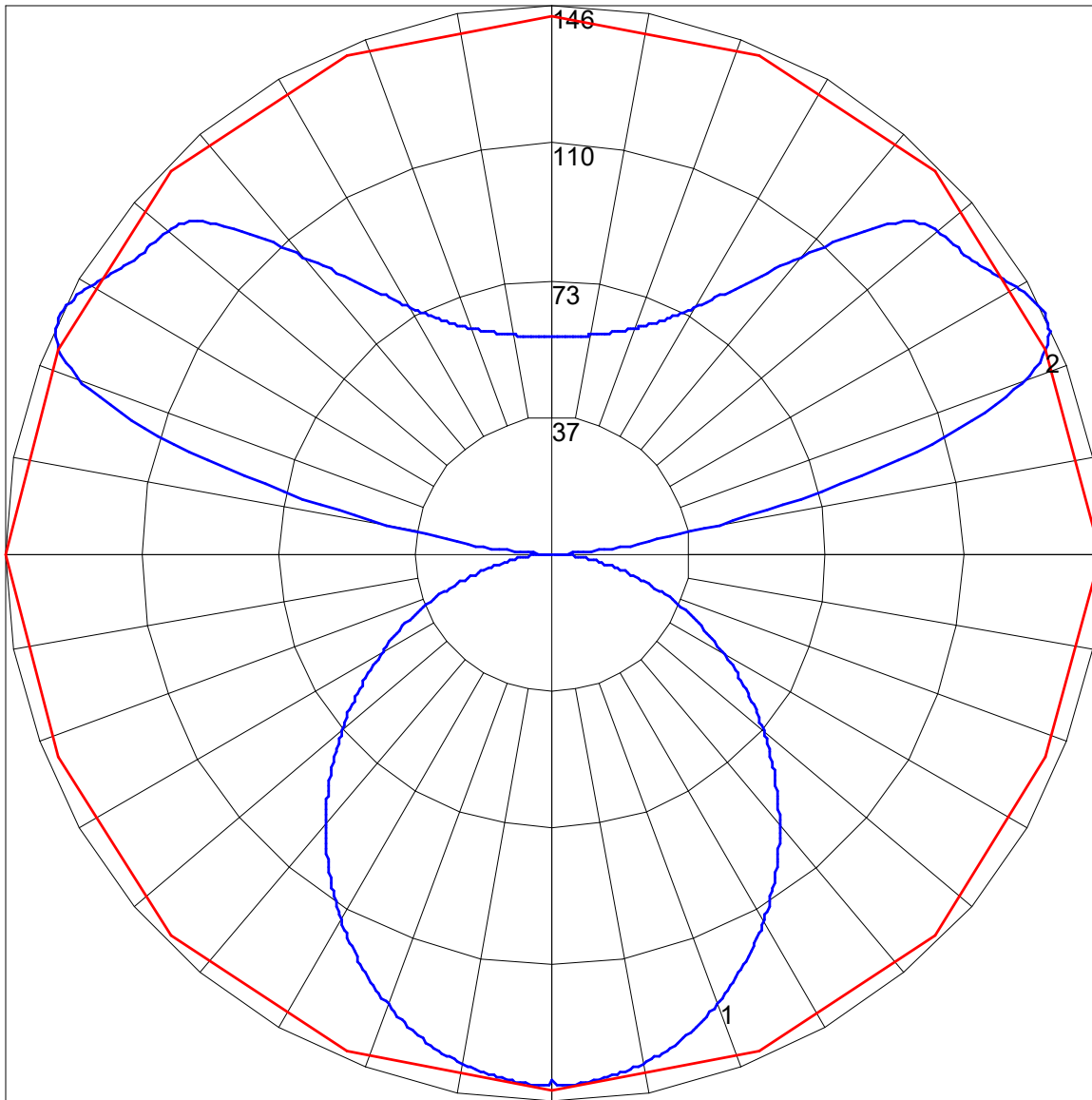
PHOTOMETRIC FILENAME : ASM1BSBWRL125DN125UP35K 4FT LM-79-IN MKTG.IES

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	103	103	103	103	93	93	93	93	74	74	74	57	57	57	41	41	41	34
1	94	90	87	84	85	82	79	76	66	63	62	51	49	48	37	36	35	29
2	86	79	74	69	78	72	67	63	58	54	51	45	43	41	33	31	30	25
3	79	70	63	57	71	63	57	53	51	47	43	40	37	35	29	28	26	21
4	72	62	54	49	65	56	50	45	46	41	37	36	32	30	26	24	23	19
5	66	55	47	42	60	50	44	39	41	36	32	32	29	26	24	22	20	16
6	61	49	42	36	55	45	38	33	37	32	28	29	25	23	22	19	18	14
7	56	45	37	32	51	41	34	29	33	28	25	26	23	20	20	17	16	13
8	52	40	33	28	47	37	30	26	30	25	22	24	21	18	18	16	14	12
9	49	37	30	25	44	34	27	23	28	23	20	22	19	16	17	14	13	10
10	45	34	27	22	41	31	25	21	26	21	18	20	17	15	16	13	12	10

POLAR GRAPH



Maximum Candela = 146.232 Located At Horizontal Angle = 0, Vertical Angle = 115.5
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (115.5) (Through Max. Cd.)