



IES INDOOR REPORT

PHOTOMETRIC FILENAME : BIO2-LIN-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] Bio2-LIN-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 OT30W/PRG1050C/UNV/DIM/L
 [OTHER]

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1618
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	101
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	7832	8161	4446
55	6417	7286	4290
65	4901	5715	3920
75	3475	3958	3065
85	1870	2139	1730

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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	490.010	490.010	490.010	490.010	490.010
0.5	493.050	490.485	490.390	490.010	487.160
1.0	493.905	490.865	490.390	489.820	487.160
1.5	495.425	491.910	490.770	489.725	486.970
2.0	496.945	493.430	491.435	489.915	486.210
2.5	498.845	495.045	492.765	489.630	486.210
3.0	501.125	497.135	493.240	489.630	485.450
3.5	504.355	499.510	494.380	489.535	484.785
4.0	507.490	502.360	495.520	489.060	484.120
4.5	511.765	505.400	497.230	488.870	483.360
5.0	515.375	508.440	498.655	488.680	482.315
5.5	519.270	511.955	500.365	488.490	481.175
6.0	523.925	515.755	502.075	488.110	479.845
6.5	529.435	519.555	504.260	487.730	478.705
7.0	533.900	523.830	506.635	487.635	477.280
7.5	539.315	528.105	508.535	487.065	476.235
8.0	544.635	532.570	511.290	486.780	474.240
8.5	549.955	537.225	513.190	486.400	472.435
9.0	555.750	542.070	515.850	486.115	470.440
9.5	561.735	547.105	518.415	485.545	468.635
10.0	567.150	551.665	520.980	485.355	466.735
10.5	573.230	556.605	523.735	484.690	464.360
11.0	578.740	561.355	526.300	484.025	462.460
11.5	584.250	566.105	528.960	483.740	460.180
12.0	589.665	571.045	531.525	483.170	458.090
12.5	594.985	575.795	534.280	482.600	455.525
13.0	600.400	580.260	536.940	482.030	453.245
13.5	605.055	585.200	539.790	481.080	450.585
14.0	610.090	589.475	542.355	480.415	448.020
14.5	614.745	594.130	545.110	480.225	445.550
15.0	619.400	598.120	547.295	479.465	442.985
15.5	623.200	601.920	549.860	478.325	439.945
16.0	627.475	605.530	552.045	477.660	437.380
16.5	631.465	609.140	554.420	476.995	434.625
17.0	635.265	612.750	556.605	476.045	431.300
17.5	639.065	615.885	558.505	475.570	428.925
18.0	641.820	619.210	560.500	474.810	425.600
18.5	644.860	622.630	562.685	473.670	422.370
19.0	647.995	625.005	564.585	472.625	419.710
19.5	650.750	627.665	566.390	471.675	416.480
20.0	653.030	630.135	567.720	470.725	413.345
20.5	655.025	632.130	569.240	469.680	410.400
21.0	657.305	633.745	570.665	468.540	407.075
21.5	659.395	635.645	572.090	467.495	403.750
22.0	659.680	636.975	572.850	466.450	400.615
22.5	660.915	638.210	574.465	465.025	397.385
23.0	661.675	639.255	574.940	464.170	394.345
23.5	661.675	640.395	575.795	462.270	390.830
24.0	661.770	640.965	576.460	460.940	387.695
24.5	662.530	640.775	577.030	459.610	384.180
25.0	661.580	641.060	577.410	458.185	380.760
25.5	661.390	640.775	577.600	456.665	377.625
26.0	660.155	640.300	578.170	455.145	374.205
26.5	659.300	639.825	577.885	453.435	371.165

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CANDELA TABULATION - (Cont.)

27.0	657.590	639.255	577.885	451.630	367.365
27.5	656.070	638.305	577.790	449.920	364.325
28.0	653.410	636.880	577.220	447.925	360.525
28.5	651.320	635.075	576.840	446.120	358.150
29.0	648.565	633.365	576.175	444.220	354.730
29.5	646.665	631.275	575.130	442.225	351.310
30.0	642.865	629.375	574.085	439.945	347.605
30.5	640.110	626.905	572.945	437.950	344.375
31.0	635.835	624.245	571.520	435.860	341.240
31.5	631.655	621.205	569.905	433.675	338.200
32.0	627.570	617.690	568.480	431.110	335.065
32.5	623.200	614.460	566.960	428.640	331.170
33.0	618.735	610.755	564.870	426.360	328.605
33.5	613.320	606.860	562.970	424.080	325.375
34.0	607.905	602.965	560.690	421.420	322.430
34.5	602.870	598.215	558.125	418.855	318.915
35.0	596.980	593.560	555.465	416.195	316.445
35.5	590.805	588.905	552.710	413.440	313.215
36.0	584.820	583.585	549.955	410.780	310.175
36.5	578.740	578.455	546.820	407.835	306.850
37.0	571.900	573.135	543.590	405.080	304.095
37.5	564.680	567.245	540.265	402.135	300.960
38.0	557.840	561.830	536.750	398.715	297.635
38.5	550.335	555.560	532.665	395.770	294.785
39.0	543.210	549.575	529.055	392.635	291.745
39.5	535.800	543.400	524.875	389.405	288.895
40.0	528.485	536.560	521.075	386.365	285.760
40.5	520.695	530.005	516.705	383.040	282.910
41.0	513.475	523.355	512.430	379.620	279.680
41.5	505.780	516.420	507.680	376.295	276.925
42.0	498.465	509.580	503.120	372.685	274.265
42.5	491.245	502.740	497.895	368.980	271.415
43.0	483.170	495.710	493.240	365.845	268.755
43.5	475.855	488.395	487.920	361.665	266.760
44.0	468.065	481.460	482.790	357.770	264.100
44.5	460.275	474.050	477.470	354.445	260.490
45.0	452.865	467.020	471.865	350.360	257.070
45.5	445.170	459.705	466.070	346.845	254.030
46.0	437.285	452.485	460.465	342.475	251.180
46.5	429.495	444.885	454.575	338.675	248.425
47.0	421.990	437.190	448.495	334.495	245.765
47.5	413.820	429.875	442.510	330.600	243.200
48.0	406.125	422.275	436.240	326.515	240.065
48.5	398.240	414.485	429.875	322.240	237.215
49.0	391.020	406.980	423.510	317.775	234.840
49.5	383.135	399.285	417.050	313.500	233.130
50.0	375.535	391.590	410.495	309.225	230.375
50.5	367.650	383.515	404.035	304.855	226.860
51.0	360.525	376.105	397.195	300.295	222.965
51.5	352.545	368.125	390.260	295.545	219.830
52.0	344.850	360.240	383.420	290.985	216.885
52.5	338.485	352.735	376.960	286.425	214.225
53.0	330.505	345.040	369.930	281.770	211.185
53.5	322.810	337.725	362.900	277.210	208.430
54.0	315.685	330.125	355.585	272.270	206.530
54.5	308.180	322.335	348.935	267.425	204.345

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CANDELA TABULATION - (Cont.)

55.0	300.960	314.925	341.715	262.770	201.210
55.5	293.645	307.420	334.400	258.020	196.935
56.0	286.615	300.105	327.655	252.985	193.420
56.5	279.300	292.790	319.770	248.330	190.380
57.0	271.890	285.380	312.550	243.295	187.150
57.5	264.860	278.350	305.330	238.450	184.300
58.0	258.210	270.940	297.825	233.510	182.495
58.5	250.990	263.815	290.415	228.475	180.025
59.0	244.245	256.880	283.100	223.535	176.510
59.5	237.310	249.850	275.785	218.500	172.045
60.0	230.755	242.915	268.375	213.465	168.340
60.5	224.295	235.980	261.060	208.430	165.015
61.0	217.645	229.330	253.840	203.490	162.450
61.5	211.280	222.585	246.525	198.455	159.980
62.0	205.010	216.125	239.400	193.230	156.750
62.5	199.025	209.665	232.275	188.195	152.475
63.0	192.755	203.300	225.150	183.065	148.295
63.5	186.770	196.935	218.120	178.030	144.970
64.0	180.975	190.665	211.090	172.995	142.595
64.5	175.085	184.585	204.250	167.865	139.460
65.0	169.385	178.505	197.505	162.735	135.470
65.5	163.590	172.710	190.665	157.605	131.100
66.0	157.985	166.725	184.205	152.760	127.870
66.5	152.665	161.025	177.650	147.915	125.115
67.0	147.440	155.325	171.095	142.975	121.220
67.5	142.120	149.720	164.920	138.035	116.850
68.0	136.895	144.210	158.745	133.095	113.525
68.5	131.575	138.890	152.570	128.250	110.390
69.0	126.540	133.570	146.585	123.690	106.685
69.5	121.505	128.345	140.695	118.940	102.790
70.0	116.565	123.310	134.995	114.380	99.655
70.5	111.720	118.275	129.390	109.820	95.950
71.0	107.160	113.335	123.690	105.355	92.378
71.5	102.885	108.490	118.370	100.985	88.996
72.0	98.420	104.025	113.050	96.615	85.414
72.5	93.983	99.370	108.015	92.463	81.842
73.0	89.889	94.810	102.885	88.312	78.375
73.5	85.623	90.411	97.850	84.170	74.850
74.0	81.434	86.070	93.109	80.170	71.563
74.5	77.406	81.795	88.340	76.228	68.153
75.0	73.539	77.700	83.771	72.285	64.875
75.5	69.673	73.653	79.325	68.495	61.655
76.0	65.844	69.654	74.926	64.761	58.501
76.5	62.158	65.711	70.604	61.104	55.309
77.0	58.510	61.949	66.376	57.551	52.297
77.5	54.976	58.178	62.282	54.102	49.305
78.0	51.556	54.539	58.349	50.701	46.398
78.5	48.241	51.034	54.435	47.414	43.595
79.0	44.925	47.633	50.720	44.213	40.840
79.5	41.714	44.270	47.044	41.116	38.209
80.0	38.617	41.030	43.519	38.066	35.425
80.5	35.606	37.895	40.128	35.159	32.993
81.0	32.680	34.884	36.850	32.319	30.352
81.5	29.915	31.986	33.734	29.592	27.692
82.0	27.246	29.165	30.685	26.989	25.165
82.5	24.652	26.467	27.787	24.434	22.733

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CANDELA TABULATION - (Cont.)

83.0	22.163	23.873	25.004	21.992	20.349
83.5	19.760	21.403	22.344	19.665	18.164
84.0	17.508	19.057	19.845	17.461	16.102
84.5	15.352	16.843	17.470	15.447	14.155
85.0	13.328	14.753	15.247	13.452	12.331
85.5	11.419	12.796	13.148	11.609	10.611
86.0	9.652	10.963	11.200	9.889	8.996
86.5	8.037	9.272	9.414	8.274	7.505
87.0	6.583	7.704	7.790	6.830	6.127
87.5	5.225	6.298	6.298	5.529	4.949
88.0	4.009	5.092	5.035	4.379	3.885
88.5	2.945	4.066	3.980	3.372	3.021
89.0	2.128	3.154	3.068	2.603	2.299
89.5	1.548	2.432	2.280	1.966	1.691
90.0	1.054	1.852	1.691	1.501	1.254
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

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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
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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	201.09	N.A.	12.40
0-30	454.15	N.A.	28.10
0-40	769.31	N.A.	47.60
0-60	1346.85	N.A.	83.30
0-80	1599.87	N.A.	98.90
0-90	1617.58	N.A.	100.00
10-90	1569.32	N.A.	97.00
20-40	568.22	N.A.	35.10
20-50	884.56	N.A.	54.70
40-70	749.26	N.A.	46.30
60-80	253.02	N.A.	15.60
70-80	81.31	N.A.	5.00
80-90	17.71	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	1617.63	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	48.26
10-20	152.83
20-30	253.06
30-40	315.16
40-50	316.34
50-60	261.20
60-70	171.71
70-80	81.31
80-90	17.71
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

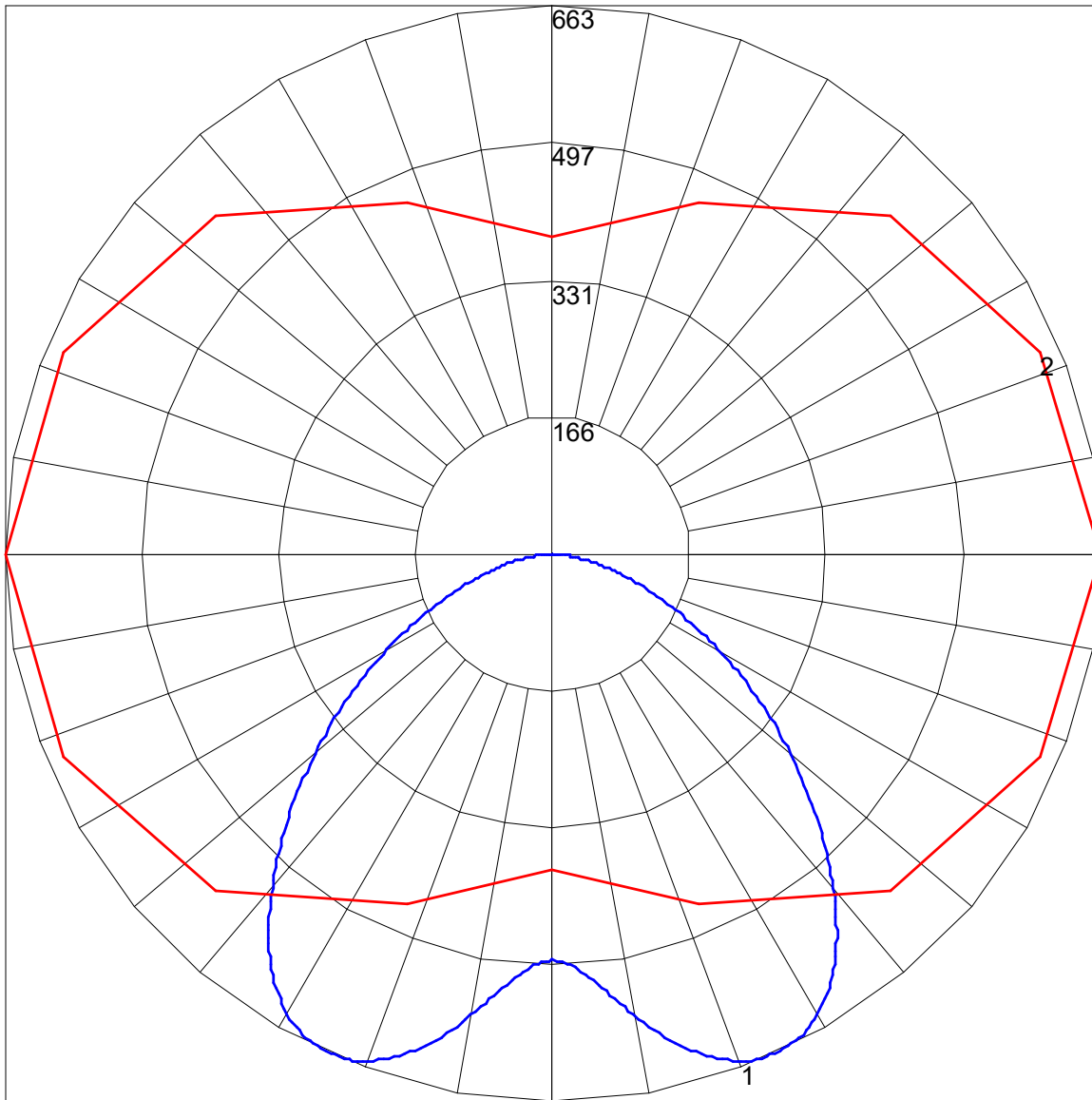
IES INDOOR REPORT
PHOTOMETRIC FILENAME : BIO2-LIN-LED35-LO-MBW-D1.IES

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 = 662.53 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.)