



IES INDOOR REPORT

PHOTOMETRIC FILENAME : BIO2-LIN-LED35-MO-MO-SAL-D1-CW.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] 11476049.13
 [TESTLAB] UL Verification Services Inc.
 [ISSUE DATE] 10/12/2016
 [MANUFACT] Prudential Lighting Corp
 [LUMCAT] Bio2-LIN-LED35-MO-MO-SAL-D1-CW
 [LUMINAIRE] Rectangular formed grey aluminum up/down housing with sing
 [MORE] le down sided internal aluminum reflectors and a single down sided fro
 [MORE] sted plastic lens
 [LAMP] 120 white LEDs Up & 120 white LEDs Down with four (4) rectangul
 [MORE] ar optics
 [BALLAST] One (1) OSRAM Optotronic OT50W/PRG1400C/UNV/DIM/L
 [OTHER] 25.9 C, 120.083 V, 0.4703 A, 56.2789 W, 0.9964 PF, 59.99 Hz
 [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	5477
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	97
Total Luminaire Watts	56.2789
Ballast Factor	1.00
CIE Type	General Diffuse
Spacing Criterion (0-180)	N.A.
Spacing Criterion (90-270)	N.A.
Spacing Criterion (Diagonal)	N.A.
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	0.23 ft
Luminous Width (90-270)	4.00 ft
Luminous Height	0.40 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	2943	4012	9714
55	1959	2772	8231
65	1236	1785	6654
75	654	954	4753
85	197	284	2262

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CANDELA TABULATION

	0.0	22.5	45.0	67.5	90.0
0.0	1196.0	1196.0	1196.0	1196.0	1196.0
0.5	1206.0	1192.0	1193.0	1195.0	1188.0
1.0	1206.0	1194.0	1193.0	1192.0	1186.0
1.5	1206.0	1192.0	1192.0	1194.0	1186.0
2.0	1206.0	1192.0	1192.0	1193.0	1185.0
2.5	1203.0	1191.0	1189.0	1191.0	1184.0
3.0	1201.0	1189.0	1188.0	1191.0	1186.0
3.5	1199.0	1187.0	1188.0	1188.0	1184.0
4.0	1199.0	1186.0	1186.0	1186.0	1183.0
4.5	1196.0	1183.0	1184.0	1185.0	1183.0
5.0	1192.0	1181.0	1182.0	1187.0	1184.0
5.5	1192.0	1177.0	1180.0	1186.0	1180.0
6.0	1187.0	1173.0	1177.0	1184.0	1179.0
6.5	1183.0	1172.0	1176.0	1181.0	1173.0
7.0	1180.0	1167.0	1174.0	1176.0	1169.0
7.5	1175.0	1165.0	1171.0	1175.0	1168.0
8.0	1172.0	1161.0	1169.0	1170.0	1163.0
8.5	1168.0	1155.0	1164.0	1167.0	1164.0
9.0	1163.0	1150.0	1159.0	1163.0	1161.0
9.5	1158.0	1145.0	1155.0	1160.0	1158.0
10.0	1151.0	1141.0	1149.0	1157.0	1156.0
10.5	1145.0	1136.0	1142.0	1153.0	1150.0
11.0	1141.0	1130.0	1139.0	1150.0	1147.0
11.5	1132.0	1123.0	1134.0	1145.0	1142.0
12.0	1126.0	1118.0	1129.0	1141.0	1141.0
12.5	1119.0	1111.0	1122.0	1136.0	1136.0
13.0	1109.0	1105.0	1117.0	1131.0	1135.0
13.5	1103.0	1101.0	1112.0	1129.0	1132.0
14.0	1096.0	1092.0	1107.0	1125.0	1128.0
14.5	1090.0	1088.0	1098.0	1121.0	1121.0
15.0	1080.0	1080.0	1093.0	1117.0	1115.0
15.5	1074.0	1073.0	1088.0	1109.0	1110.0
16.0	1062.0	1065.0	1080.0	1104.0	1103.0
16.5	1057.0	1058.0	1073.0	1096.0	1099.0
17.0	1048.0	1049.0	1067.0	1091.0	1094.0
17.5	1039.0	1042.0	1061.0	1084.0	1090.0
18.0	1029.0	1032.0	1053.0	1079.0	1083.0
18.5	1023.0	1023.0	1047.0	1072.0	1077.0
19.0	1013.0	1015.0	1042.0	1066.0	1071.0
19.5	1003.0	1006.0	1036.0	1061.0	1064.0
20.0	993.3	996.6	1028.0	1054.0	1061.0
20.5	983.4	987.1	1020.0	1047.0	1056.0
21.0	973.1	977.6	1011.0	1041.0	1051.0
21.5	963.0	968.3	1001.0	1035.0	1048.0
22.0	954.6	958.6	991.6	1029.0	1041.0
22.5	943.7	948.8	982.7	1023.0	1031.0
23.0	933.4	939.3	974.2	1019.0	1023.0
23.5	922.5	929.8	965.6	1012.0	1017.0
24.0	911.3	919.5	956.7	1003.0	1010.0
24.5	900.1	909.2	947.8	992.8	1003.0
25.0	889.2	898.9	938.5	983.6	997.2
25.5	877.6	888.7	928.9	975.5	990.4
26.0	866.3	878.5	919.4	967.7	981.3
26.5	855.7	867.9	909.9	959.9	973.1

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CANDELA TABULATION - (Cont.)

27.0	844.7	857.7	900.6	952.7	965.4
27.5	833.7	847.1	891.1	944.2	958.3
28.0	823.0	836.6	882.1	935.1	952.9
28.5	812.0	826.3	873.4	926.1	945.7
29.0	801.0	815.9	865.5	917.3	936.8
29.5	790.6	805.2	856.8	909.4	926.2
30.0	779.8	794.7	847.6	902.7	916.1
30.5	769.1	784.3	837.4	895.2	907.5
31.0	758.4	773.8	826.0	886.4	898.9
31.5	747.7	763.5	814.7	875.7	890.9
32.0	736.9	752.7	804.3	864.5	883.7
32.5	726.9	742.6	794.7	854.8	875.0
33.0	716.3	732.4	784.8	845.8	864.9
33.5	705.9	722.0	774.9	836.9	856.1
34.0	694.8	711.6	765.0	828.5	849.4
34.5	684.7	701.2	755.1	819.7	841.9
35.0	674.3	691.3	745.5	810.1	832.1
35.5	663.9	681.4	735.6	800.1	821.4
36.0	653.5	671.1	725.7	791.4	810.7
36.5	642.9	661.2	715.6	784.1	800.9
37.0	632.5	651.5	706.1	775.3	791.1
37.5	622.8	641.2	696.2	764.8	782.2
38.0	613.1	631.5	686.8	753.7	774.7
38.5	603.5	621.8	676.8	742.8	766.5
39.0	593.4	612.6	666.9	733.2	756.4
39.5	583.3	602.9	657.2	724.2	747.9
40.0	573.2	593.5	647.7	715.5	739.3
40.5	563.8	583.6	637.9	706.5	729.1
41.0	553.8	574.5	628.1	697.4	717.1
41.5	545.0	565.1	618.8	687.7	707.0
42.0	535.7	555.6	609.5	680.2	697.0
42.5	526.6	547.3	600.0	670.7	687.9
43.0	518.2	537.7	590.9	659.8	678.4
43.5	509.1	528.6	581.4	648.5	671.3
44.0	500.3	519.8	572.3	637.9	663.5
44.5	491.9	510.8	563.2	628.7	653.9
45.0	483.8	502.4	554.1	619.4	643.0
45.5	475.9	493.4	545.0	610.8	630.6
46.0	466.7	485.0	535.7	602.9	621.1
46.5	459.6	476.3	527.2	595.4	610.9
47.0	451.2	467.9	517.9	585.1	602.1
47.5	442.6	460.0	509.4	574.0	593.0
48.0	435.3	451.6	500.8	563.5	588.2
48.5	427.5	443.2	492.3	553.6	579.4
49.0	420.5	435.4	483.4	544.6	566.9
49.5	412.1	427.3	474.8	536.0	555.3
50.0	405.1	418.6	467.0	526.5	546.3
50.5	397.1	411.7	458.3	517.5	537.6
51.0	390.6	404.5	449.3	508.1	527.9
51.5	383.1	396.9	441.0	499.5	522.2
52.0	375.0	388.6	432.9	490.7	514.6
52.5	368.2	381.8	425.3	481.3	502.7
53.0	360.5	374.6	417.4	472.5	492.5
53.5	353.0	367.3	408.8	463.9	483.3
54.0	345.4	359.2	401.1	455.2	474.5
54.5	339.5	352.3	393.0	446.4	467.6

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CANDELA TABULATION - (Cont.)

55.0	332.0	344.8	385.5	437.6	459.0
55.5	326.0	337.9	377.7	428.6	449.1
56.0	318.3	331.2	369.7	420.6	438.7
56.5	312.2	325.0	361.8	412.2	430.2
57.0	305.1	317.2	354.8	403.3	423.1
57.5	299.5	310.7	347.1	394.9	414.2
58.0	293.1	304.2	339.3	386.8	404.1
58.5	286.9	297.6	332.3	378.9	396.8
59.0	280.2	291.3	324.7	370.4	387.6
59.5	274.6	284.6	318.1	362.0	380.6
60.0	268.1	278.4	310.5	354.0	370.1
60.5	261.2	271.4	303.3	345.6	362.0
61.0	255.1	265.3	296.5	337.2	354.0
61.5	249.8	259.4	289.9	330.4	347.0
62.0	244.2	253.2	282.8	322.0	337.1
62.5	238.4	246.4	275.8	314.7	329.0
63.0	232.6	240.3	269.1	305.8	322.5
63.5	226.5	234.3	262.1	298.6	314.0
64.0	221.0	229.0	254.7	290.8	304.1
64.5	215.2	222.4	248.5	283.3	298.0
65.0	209.5	217.3	242.4	275.4	290.4
65.5	205.3	211.0	235.6	268.2	281.9
66.0	199.6	205.6	229.2	261.1	274.1
66.5	194.0	200.1	222.8	253.2	266.2
67.0	188.5	194.9	216.9	245.6	259.6
67.5	183.7	188.9	210.1	238.4	251.4
68.0	178.3	183.0	203.2	231.1	243.8
68.5	172.7	177.6	197.4	224.1	237.0
69.0	167.4	173.1	192.0	217.3	228.1
69.5	162.4	166.7	184.7	209.9	221.6
70.0	156.7	161.8	179.4	202.5	213.3
70.5	151.9	156.1	173.1	195.9	206.1
71.0	146.5	150.9	167.6	189.5	199.5
71.5	142.2	146.1	161.6	182.6	192.8
72.0	137.0	140.6	155.6	175.7	185.6
72.5	131.8	135.7	149.6	169.3	178.1
73.0	126.8	130.9	144.3	162.9	170.9
73.5	121.9	125.8	139.0	156.3	164.1
74.0	117.0	120.8	133.0	150.4	157.2
74.5	112.3	115.8	127.6	143.7	150.5
75.0	107.5	111.2	122.5	137.5	143.5
75.5	103.0	106.5	117.3	130.9	137.4
76.0	98.6	101.4	111.8	125.0	130.8
76.5	94.1	97.1	106.7	119.5	124.5
77.0	89.7	92.6	101.7	113.4	118.2
77.5	85.4	88.2	96.8	107.9	111.8
78.0	81.3	83.8	91.9	102.3	106.0
78.5	77.1	79.5	87.1	96.5	100.0
79.0	73.1	75.3	82.4	91.1	94.1
79.5	69.1	71.2	77.8	85.7	88.3
80.0	65.1	67.0	73.2	80.4	82.9
80.5	61.3	63.0	68.8	75.4	77.5
81.0	57.6	59.1	64.4	70.4	72.3
81.5	53.9	55.3	60.2	65.5	67.1
82.0	50.3	51.5	56.1	60.7	62.2
82.5	46.8	47.8	52.0	56.1	57.4

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CANDELA TABULATION - (Cont.)

83.0	43.4	44.1	48.0	51.6	52.7
83.5	39.9	40.6	44.2	47.3	48.2
84.0	36.6	37.2	40.5	43.2	44.0
84.5	33.4	33.8	36.8	39.2	39.8
85.0	30.3	30.6	33.3	35.1	35.8
85.5	27.2	27.4	29.9	31.3	32.0
86.0	24.2	24.3	26.5	27.7	28.2
86.5	21.3	21.3	23.3	24.3	24.6
87.0	18.5	18.4	20.2	20.9	21.2
87.5	15.8	15.8	17.4	17.9	17.9
88.0	13.2	13.5	15.0	15.4	15.3
88.5	10.7	11.6	13.5	13.6	13.8
89.0	8.5	11.2	15.5	12.5	12.4
89.5	7.4	13.0	22.5	12.0	11.3
90.0	7.8	18.4	33.2	11.9	10.3
90.5	6.1	23.4	41.0	11.6	8.0
91.0	11.1	33.7	58.4	13.4	8.1
91.5	19.9	47.4	79.0	15.5	8.8
92.0	30.7	64.4	103.2	18.1	9.7
92.5	42.8	85.6	130.6	21.6	11.1
93.0	55.7	110.7	158.4	25.8	13.1
93.5	69.4	139.6	185.0	30.3	15.1
94.0	84.8	172.4	209.3	34.7	17.4
94.5	102.0	208.9	231.2	38.8	19.8
95.0	122.0	249.6	249.8	42.7	22.4
95.5	144.8	296.3	264.9	46.5	25.0
96.0	172.0	349.3	277.3	50.7	27.8
96.5	203.0	408.8	287.1	55.0	30.7
97.0	239.0	474.7	294.4	59.2	33.6
97.5	280.7	546.8	298.3	63.3	36.6
98.0	330.7	623.9	299.6	67.5	39.7
98.5	390.9	706.1	298.9	71.8	42.8
99.0	462.2	787.8	297.1	76.5	46.1
99.5	545.3	869.2	294.5	81.3	49.4
100.0	639.2	946.8	291.2	86.0	52.8
100.5	741.7	1013.0	287.2	91.2	56.2
101.0	848.8	1068.0	283.2	96.1	59.6
101.5	958.2	1107.0	279.4	100.9	63.2
102.0	1063.0	1130.0	276.5	105.6	66.7
102.5	1154.0	1139.0	274.5	111.0	70.3
103.0	1222.0	1133.0	273.3	116.1	73.9
103.5	1265.0	1117.0	273.0	120.8	77.4
104.0	1283.0	1094.0	273.8	125.5	81.2
104.5	1286.0	1065.0	275.6	130.0	84.8
105.0	1277.0	1038.0	277.7	134.5	88.4
105.5	1262.0	1012.0	280.3	139.1	92.2
106.0	1243.0	988.3	283.4	143.8	95.9
106.5	1224.0	965.6	286.7	148.3	99.7
107.0	1206.0	944.0	290.8	152.9	103.5
107.5	1186.0	925.9	295.5	157.4	107.2
108.0	1168.0	909.9	300.9	162.1	110.9
108.5	1150.0	895.6	305.6	166.8	114.7
109.0	1134.0	883.2	310.9	171.5	118.6
109.5	1117.0	872.2	316.2	176.2	122.4
110.0	1103.0	862.7	321.7	181.0	126.3
110.5	1088.0	854.7	328.3	185.7	130.1

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CANDELA TABULATION - (Cont.)

111.0	1075.0	847.5	334.7	190.3	134.0
111.5	1064.0	841.5	340.6	195.2	138.1
112.0	1053.0	836.2	345.9	200.1	141.9
112.5	1044.0	831.7	351.3	204.9	146.0
113.0	1037.0	828.3	356.6	209.9	149.9
113.5	1028.0	825.5	362.0	214.8	154.0
114.0	1020.0	822.9	366.9	219.8	158.1
114.5	1013.0	820.9	371.9	224.7	162.1
115.0	1007.0	819.5	376.7	229.7	166.3
115.5	1002.0	818.6	381.7	234.7	170.2
116.0	997.4	818.1	386.8	239.6	174.6
116.5	994.4	817.7	391.8	244.4	178.7
117.0	992.2	816.5	396.7	249.2	182.9
117.5	989.7	815.1	401.8	253.9	186.9
118.0	987.4	814.0	406.6	258.7	191.0
118.5	984.8	812.9	411.4	263.4	195.4
119.0	982.2	811.9	416.3	268.0	199.7
119.5	979.7	810.8	421.1	272.5	203.8
120.0	977.2	809.7	425.8	277.0	208.1
120.5	974.7	808.6	430.5	281.3	212.4
121.0	971.9	807.1	434.9	285.6	216.5
121.5	969.1	805.8	439.4	290.0	220.9
122.0	966.1	804.3	443.7	294.2	225.1
122.5	962.9	802.7	447.9	298.3	229.4
123.0	959.5	801.5	452.0	302.3	233.6
123.5	956.3	800.3	456.1	306.3	237.8
124.0	952.8	799.0	460.2	310.2	242.3
124.5	949.2	797.7	463.8	314.2	246.5
125.0	945.6	796.3	467.4	318.0	250.7
125.5	942.0	794.8	470.8	321.9	255.0
126.0	938.4	793.3	474.2	325.7	259.2
126.5	934.7	791.6	477.6	329.6	263.4
127.0	930.9	789.8	480.7	333.5	267.7
127.5	927.2	787.8	483.7	337.1	271.9
128.0	923.5	785.8	486.7	340.8	276.1
128.5	919.7	783.9	489.6	344.5	280.3
129.0	915.8	782.0	492.4	348.2	284.5
129.5	911.9	779.7	495.1	351.9	288.8
130.0	907.7	777.3	497.8	355.5	293.1
130.5	903.6	774.7	500.3	359.1	297.1
131.0	899.2	771.9	502.7	362.6	301.7
131.5	894.9	769.0	504.9	366.0	306.0
132.0	890.1	765.9	507.1	369.5	310.1
132.5	885.6	762.7	509.1	372.9	314.4
133.0	880.9	759.2	511.3	376.1	318.4
133.5	876.1	755.6	513.3	379.4	322.3
134.0	871.3	751.9	515.2	382.6	325.9
134.5	866.1	748.2	517.0	385.7	329.7
135.0	861.1	744.4	518.7	388.8	333.6
135.5	855.7	740.7	520.5	391.7	337.1
136.0	850.1	736.7	522.2	394.8	340.8
136.5	844.5	732.6	523.8	397.8	344.4
137.0	838.4	728.6	525.2	400.7	348.0
137.5	832.5	724.4	526.7	403.6	351.6
138.0	826.1	720.1	528.0	406.2	355.2
138.5	819.7	715.9	529.5	409.1	358.7

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BIO2-LIN-LED35-MO-MO-SAL-D1-CW.IES

CANDELA TABULATION - (Cont.)

139.0	813.1	711.5	530.7	411.9	362.2
139.5	806.4	707.2	531.9	414.6	365.4
140.0	799.6	702.8	533.3	417.4	368.8
140.5	792.7	698.5	534.4	419.9	372.1
141.0	785.8	694.3	535.6	422.5	375.1
141.5	779.0	690.1	536.5	425.3	378.3
142.0	771.9	686.0	537.2	427.9	381.8
142.5	764.9	682.0	538.2	430.2	384.8
143.0	758.1	678.1	539.0	432.9	388.2
143.5	751.3	674.3	539.8	435.3	391.4
144.0	744.6	670.5	540.5	437.8	394.4
144.5	737.7	666.7	541.2	440.2	397.9
145.0	731.0	663.0	541.5	442.4	401.3
145.5	724.5	659.3	542.0	444.7	404.4
146.0	718.0	655.9	542.5	447.0	407.7
146.5	711.9	652.3	542.9	449.4	410.8
147.0	705.8	648.8	543.2	451.6	414.3
147.5	699.8	645.6	543.4	453.6	417.4
148.0	694.0	642.3	543.6	455.7	420.1
148.5	688.4	639.0	543.7	457.7	423.3
149.0	683.1	635.8	543.8	459.8	426.4
149.5	678.0	632.8	543.9	461.7	429.5
150.0	673.1	629.8	543.8	463.7	432.2
150.5	668.2	626.8	543.8	465.6	435.2
151.0	663.7	624.0	543.7	467.5	437.9
151.5	659.1	621.4	543.7	469.5	440.6
152.0	655.0	618.8	543.7	471.4	443.5
152.5	650.8	616.0	543.5	473.3	446.5
153.0	647.0	613.6	543.2	475.3	449.3
153.5	643.2	611.2	543.2	477.2	451.9
154.0	639.6	608.9	543.1	479.1	454.6
154.5	636.3	606.6	543.0	480.9	457.3
155.0	633.3	604.2	542.8	482.9	460.0
155.5	630.2	601.9	542.7	484.7	462.5
156.0	627.3	599.9	542.4	486.6	465.2
156.5	624.5	597.7	542.2	488.6	468.0
157.0	622.0	595.6	542.0	490.6	470.6
157.5	619.3	593.5	541.7	492.4	473.0
158.0	616.8	591.3	541.4	494.1	475.4
158.5	614.3	589.2	541.4	496.1	477.7
159.0	611.8	587.1	541.2	498.0	480.2
159.5	609.5	585.2	540.7	499.8	482.5
160.0	607.3	583.4	540.6	501.6	484.7
160.5	604.7	581.4	540.4	503.3	487.0
161.0	602.3	579.6	540.3	504.9	489.2
161.5	600.1	577.7	540.1	506.5	491.4
162.0	597.8	575.8	539.9	508.2	493.6
162.5	595.3	573.9	539.8	509.8	495.5
163.0	593.1	572.0	539.6	511.3	497.6
163.5	590.5	570.2	539.4	512.8	499.9
164.0	588.2	568.3	539.1	514.3	501.9
164.5	585.7	566.5	538.9	515.7	503.9
165.0	583.4	564.7	538.8	517.0	505.7
165.5	581.2	563.0	538.6	518.3	507.5
166.0	578.8	561.3	538.4	519.4	509.2
166.5	576.7	559.6	538.3	520.7	510.9

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BIO2-LIN-LED35-MO-MO-SAL-D1-CW.IES

CANDELA TABULATION - (Cont.)

167.0	574.5	557.9	538.2	522.0	512.6
167.5	572.4	556.5	538.0	523.1	514.1
168.0	570.5	554.8	538.0	524.2	515.6
168.5	568.6	553.4	537.7	525.5	517.3
169.0	567.0	552.0	537.6	526.6	518.7
169.5	565.4	550.8	537.6	527.6	520.2
170.0	564.0	549.7	537.6	528.7	521.5
170.5	562.6	548.7	537.6	529.7	522.8
171.0	561.2	547.8	537.7	530.6	524.0
171.5	559.9	546.8	537.6	531.4	525.2
172.0	558.8	546.0	537.6	532.2	526.3
172.5	557.7	545.2	537.6	532.9	527.2
173.0	556.5	544.5	537.8	533.5	528.1
173.5	555.3	544.0	538.0	534.3	529.1
174.0	554.4	543.3	538.1	534.9	530.1
174.5	553.4	542.9	538.3	535.5	531.0
175.0	552.7	542.6	538.4	536.1	531.8
175.5	551.8	542.3	538.5	536.6	532.7
176.0	551.0	541.9	538.6	537.0	533.4
176.5	550.1	541.7	538.6	537.4	533.9
177.0	549.5	541.5	538.8	537.8	534.4
177.5	549.0	541.5	538.9	538.2	534.5
178.0	548.3	541.5	539.0	538.5	535.0
178.5	547.9	541.4	539.1	538.8	535.2
179.0	547.7	541.3	539.3	538.9	535.3
179.5	547.6	541.4	539.3	539.0	535.3
180.0	540.3	540.3	540.3	540.3	540.3

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BIO2-LIN-LED35-MO-MO-SAL-D1-CW.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	419.95	N.A.	7.70
0-30	852.41	N.A.	15.60
0-40	1321.00	N.A.	24.10
0-60	2103.45	N.A.	38.40
0-80	2480.12	N.A.	45.30
0-90	2519.29	N.A.	46.00
10-90	2407.34	N.A.	44.00
20-40	901.05	N.A.	16.50
20-50	1333.37	N.A.	24.30
40-70	1026.83	N.A.	18.70
60-80	376.67	N.A.	6.90
70-80	132.29	N.A.	2.40
80-90	39.16	N.A.	0.70
90-110	728.46	N.A.	13.30
90-120	1230.32	N.A.	22.50
90-130	1718.06	N.A.	31.40
90-150	2500.34	N.A.	45.70
90-180	2957.42	N.A.	54.00
110-180	2228.96	N.A.	40.70
0-180	5476.7	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	111.94
10-20	308.01
20-30	432.46
30-40	468.59
40-50	432.32
50-60	350.12
60-70	244.39
70-80	132.29
80-90	39.16
90-100	188.19
100-110	540.27
110-120	501.86
120-130	487.74
130-140	434.51
140-150	347.77
150-160	252.08
160-170	153.48
170-180	51.52

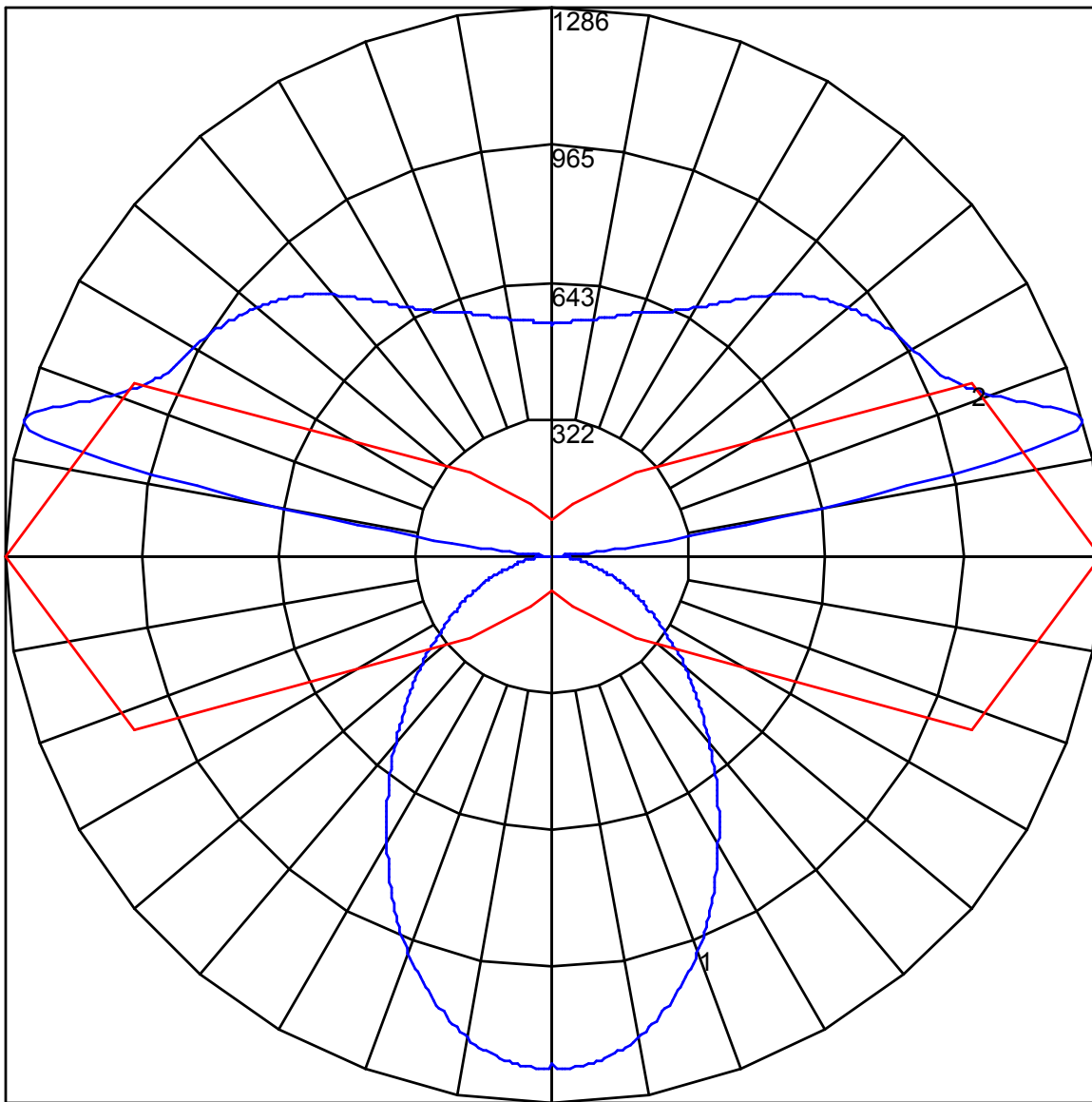
IES INDOOR REPORT
 PHOTOMETRIC FILENAME : BIO2-LIN-LED35-MO-MO-SAL-D1-CW.IES

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	106	106	106	106	97	97	97	97	81	81	81	66	66	66	52	52	52	46
1	97	93	89	86	89	86	82	79	72	69	67	59	57	56	47	46	45	39
2	89	82	76	71	81	75	70	66	63	59	56	52	49	47	42	40	38	33
3	81	72	65	59	74	66	60	55	56	51	48	46	43	40	37	35	33	29
4	74	64	56	50	68	59	52	47	50	45	41	41	38	35	33	31	29	25
5	68	57	49	43	63	53	46	41	45	40	35	37	33	30	30	28	25	22
6	63	51	44	38	58	48	41	36	41	35	31	34	30	27	28	25	22	20
7	58	47	39	33	54	43	36	31	37	31	28	31	27	24	25	22	20	17
8	54	42	35	30	50	39	33	28	34	28	25	28	24	21	23	20	18	16
9	51	39	31	26	47	36	29	25	31	26	22	26	22	19	22	19	16	14
10	47	36	28	24	44	33	27	23	29	23	20	24	20	18	20	17	15	13

POLAR GRAPH



Maximum Candela = 1286 Located At Horizontal Angle = 0, Vertical Angle = 104.5
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (104.5) (Through Max. Cd.)