

Scaled data based on original data using

LM-41-14 Approved Method for Photometric Testing Of Indoor Fluorescent Luminaires

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: io LED

Report Number: P175556

Luminaire Tested: **LDA6A15930D010TE LAR35FL 6LLWW1**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-41-14  
Report Number: P175556  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P26296)  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: io LED  
Catalog Number: LDA6A15930D010TE LAR35FL 6LLWW1  
Description: PORTFOLIO 6" Lensed Wall Wash, Self-flanged, 35° Flood Optic, at 30° tilt  
Light Source: (1) HIGH LUMEN LED 90CRI / 3000K CCT  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 845.0 lumens  
Efficiency: N/A  
Efficacy: 37.9 lumens/watt  
Spacing Criteria (0/90/45): 2.33 / 1.13 / 1.63  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct

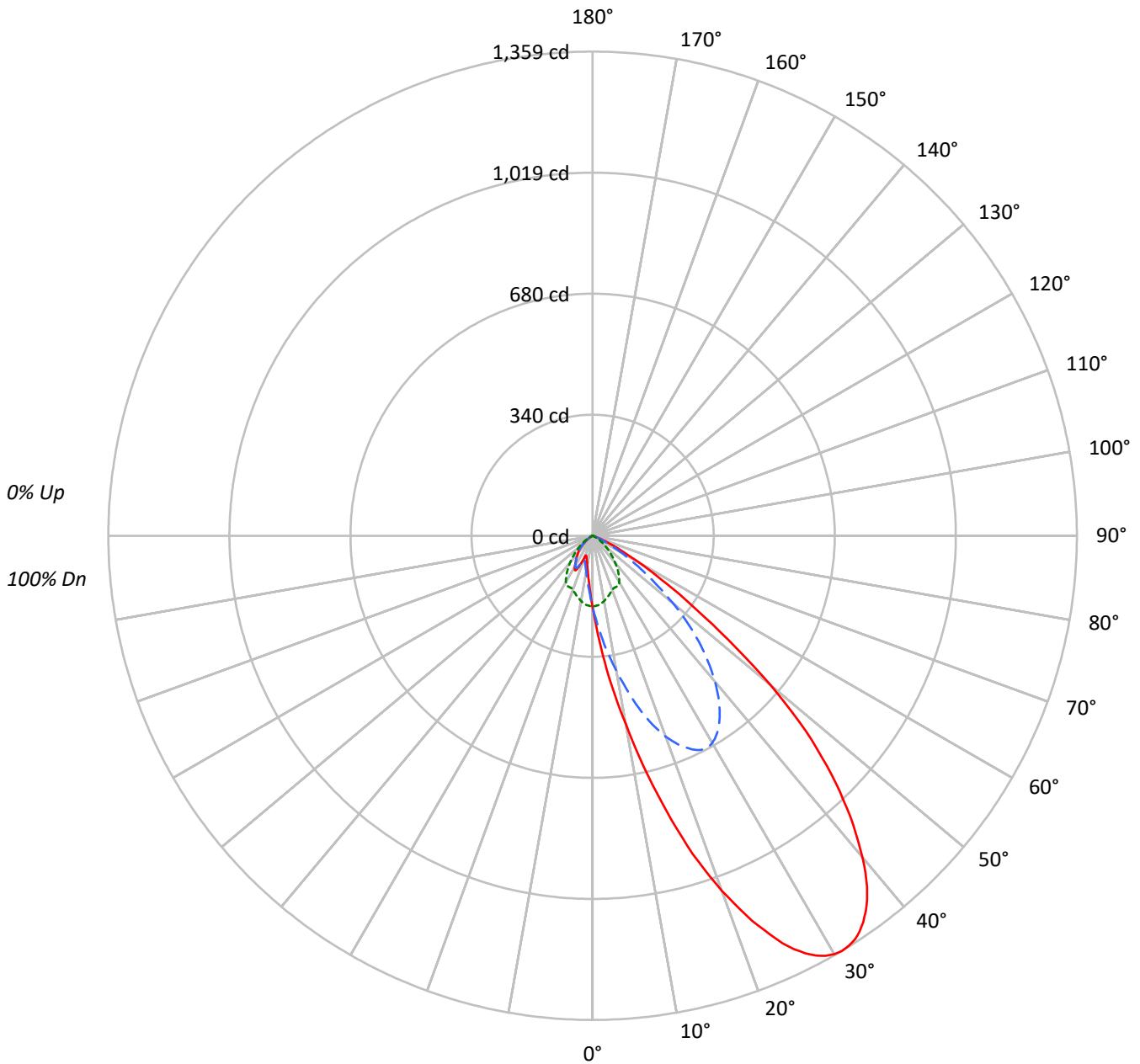
Input Watts (W): 22.27  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Luminous Intensity Polar Plot





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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20									20									20									20									
RC	80									50									30									10									0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0																
RCR																																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100																			
1	112	108	105	102	109	106	103	100	102	99	97	98	96	94	94	93	92	90																			
2	104	97	92	87	101	96	91	86	92	88	85	89	86	83	86	83	81	79																			
3	96	88	81	76	94	86	80	75	83	78	74	81	76	72	78	74	71	69																			
4	89	79	71	66	87	78	71	65	75	69	65	73	68	64	71	67	63	61																			
5	82	71	63	58	80	70	63	57	68	62	57	66	61	56	65	60	56	54																			
6	76	64	57	51	75	64	56	51	62	55	50	60	54	50	59	54	49	48																			
7	71	59	51	45	69	58	50	45	56	50	45	55	49	44	54	48	44	42																			
8	66	53	46	40	64	53	45	40	52	45	40	50	44	40	49	44	40	38																			
9	61	49	41	36	60	48	41	36	47	41	36	46	40	36	45	40	36	34																			
10	57	45	38	33	56	45	37	33	44	37	32	43	37	32	42	36	32	31																			

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°
0°	10942	10942	10942
5°	18622	10753	6879
10°	29898	10343	4737
15°	45307	9875	3666
20°	61862	9416	3424
25°	76365	9563	6266
30°	85861	9476	6343
35°	88586	8419	5334
40°	84351	7020	4594
45°	73597	5590	3768
50°	55504	4222	2507
55°	32056	2925	1319
60°	16600	1842	417
65°	7173	817	221
70°	2420	401	208
75°	805	360	275
80°	537	410	253
85°	252	818	503



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	21.4	2.5
10°-20°	86.2	10.2
20°-30°	183.6	21.7
30°-40°	238.3	28.2
40°-50°	199.9	23.7
50°-60°	92.2	10.9
60°-70°	19.9	2.4
70°-80°	2.6	0.3
80°-90°	0.9	0.1
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	291.2	34.5
0°-40°	529.5	62.7
0°-60°	821.5	97.2
0°-90°	845.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	845.0	100.0

**CANDELA DISTRIBUTION:**

	0°	45°	90°	135°	180°	Flux
0°	200	200	200	200	200	
5°	338	283	195	140	125	38
15°	798	501	174	80	65	234
25°	1262	662	158	95	104	579
35°	1324	621	126	80	80	817
45°	949	423	72	50	49	720
55°	335	173	31	18	14	319
65°	55	32	6	2	2	64
75°	4	2	2	2	1	6
85°	0	1	1	1	1	1
90°	0	0	0	0	0	



TEST NUMBER: P175556

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**CANDELA DISTRIBUTION (FULL):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	199.6	199.6	199.6	199.6	199.6	199.6	199.6	199.6	199.6	199.6	199.6
2.5°	258.3	254.5	257.9	257.9	255.8	254.1	257.0	253.3	255.4	251.6	251.6
5°	338.4	328.7	333.3	332.9	329.2	330.0	328.7	323.3	324.5	318.7	317.0
7.5°	432.3	422.2	427.3	426.0	420.6	420.1	418.0	409.2	409.2	400.4	395.8
10°	537.1	529.6	535.4	532.9	526.2	523.3	519.9	507.8	505.3	491.8	484.3
12.5°	663.8	660.0	653.7	649.5	646.6	642.0	636.1	620.1	614.3	596.2	584.5
15°	798.3	796.7	789.5	790.4	779.1	765.6	769.0	742.6	732.5	709.0	693.1
17.5°	938.0	932.9	926.2	917.0	911.1	895.2	888.1	863.3	848.7	819.3	799.6
20°	1060.4	1058.3	1052.4	1040.7	1031.9	1013.9	1002.5	974.0	953.5	919.1	895.2
22.5°	1169.4	1166.1	1160.6	1146.4	1135.9	1114.5	1100.2	1067.5	1042.4	1003.4	974.5
25°	1262.5	1256.2	1251.6	1234.4	1223.1	1197.9	1181.2	1144.7	1114.9	1071.7	1038.2
26°	1291.4	1286.0	1281.8	1263.8	1251.6	1225.2	1207.6	1169.4	1137.6	1093.5	1057.9
27°	1315.3	1310.7	1307.4	1288.5	1275.5	1248.3	1229.0	1190.4	1156.4	1111.1	1074.2
28°	1334.2	1330.0	1326.7	1307.0	1293.5	1265.5	1244.9	1205.5	1169.9	1123.3	1085.6
29°	1348.1	1343.9	1341.3	1320.4	1307.0	1278.0	1256.6	1216.0	1179.1	1131.7	1092.7
30°	1356.4	1352.2	1349.7	1327.9	1314.5	1285.2	1262.1	1221.4	1182.8	1135.0	1095.2
31°	1359.4	1354.8	1353.1	1330.9	1316.6	1286.4	1263.4	1221.4	1182.0	1133.8	1093.1
32°	1356.9	1352.7	1351.4	1328.8	1314.1	1283.5	1260.0	1217.7	1177.4	1128.8	1087.2
33°	1351.0	1346.8	1346.0	1322.9	1308.2	1276.8	1253.7	1210.5	1169.4	1120.4	1078.9
34°	1340.1	1335.9	1335.9	1312.4	1297.3	1265.9	1242.8	1199.6	1157.3	1108.6	1066.7
35°	1323.7	1322.1	1320.4	1296.5	1281.4	1249.9	1226.9	1183.3	1140.9	1092.7	1049.9
36°	1303.6	1302.3	1300.7	1276.8	1261.3	1229.8	1207.6	1164.0	1121.2	1073.4	1031.1
37°	1279.7	1278.9	1277.6	1253.7	1238.2	1207.2	1184.5	1141.8	1099.0	1051.6	1009.3
38°	1250.8	1250.8	1249.5	1225.6	1210.1	1179.5	1157.7	1114.9	1072.6	1026.0	984.5
39°	1216.4	1217.2	1216.4	1192.5	1177.0	1146.8	1125.8	1084.3	1042.0	996.7	959.4
40°	1178.7	1179.9	1179.5	1156.0	1140.5	1111.1	1091.0	1050.3	1012.6	964.4	928.3
42.5°	1071.7	1073.8	1074.2	1052.0	1037.4	1010.1	992.1	954.7	915.3	875.1	842.4
45°	949.3	953.1	953.9	933.8	920.4	895.6	880.5	847.0	817.6	776.1	747.6
47.5°	812.2	817.6	819.7	801.3	788.3	766.9	755.6	727.1	701.5	664.2	640.3
50°	650.8	657.0	652.0	644.5	633.6	616.8	610.1	587.0	559.8	535.9	519.1
51°	580.7	587.4	591.2	576.5	567.3	552.2	547.2	527.5	503.2	482.6	468.4
52°	512.0	519.1	522.9	509.9	501.9	489.3	486.4	469.2	447.8	430.6	418.9
53°	447.4	454.1	449.9	447.0	439.8	429.4	427.7	413.4	395.0	380.7	371.5
54°	388.3	394.1	398.3	388.7	382.4	373.6	373.2	361.4	345.9	333.8	327.1
55°	335.4	340.9	344.7	336.7	331.2	323.7	323.7	314.1	301.1	291.0	286.0
57.5°	229.4	233.1	236.5	230.6	226.8	222.2	223.1	217.2	208.4	202.1	199.2
60°	151.4	154.3	156.4	152.6	150.5	147.6	148.4	144.7	141.7	135.0	133.8
61°	126.2	129.1	131.2	127.9	128.7	123.3	124.5	121.2	118.7	115.7	112.4
62°	104.4	106.9	108.6	105.7	106.5	101.9	103.1	100.6	98.5	95.6	93.1
63°	85.1	87.2	88.9	88.5	87.2	83.4	84.3	82.2	80.5	78.4	76.3
64°	69.2	70.9	72.1	72.1	70.9	67.5	68.3	66.2	65.4	63.3	61.6
65°	55.3	56.6	57.4	57.4	56.6	54.1	54.5	53.3	52.0	50.7	49.5
66°	43.6	44.9	45.7	45.7	44.9	42.8	43.2	41.9	41.1	39.8	39.0



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**CANDELA DISTRIBUTION (continued):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
72.5°	7.1	7.5	7.5	7.5	7.5	7.1	7.1	7.1	6.7	6.7	6.3
75°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.4	3.4	3.4	3.4
77.5°	2.5	2.5	2.5	2.5	2.5	2.1	2.1	2.1	2.1	2.1	2.1
80°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.3	1.3	1.3	1.3
82.5°	0.8	1.3	1.3	1.3	1.3	0.8	0.8	0.8	1.3	0.8	0.8
85°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	199.6	199.6	199.6	199.6	199.6	199.6	199.6	199.6	199.6	199.6	199.6
2.5°	250.3	248.2	247.8	244.9	240.3	242.8	237.3	237.3	235.2	234.4	230.6
5°	313.2	309.0	306.5	300.6	296.0	294.3	285.5	283.0	278.0	274.2	267.5
7.5°	389.5	381.6	375.7	366.5	357.7	353.5	340.1	333.8	325.4	317.8	307.3
10°	473.8	461.7	452.0	438.2	424.8	416.4	397.9	384.5	374.0	361.9	347.2
12.5°	569.0	551.8	537.1	517.4	498.5	485.6	460.8	441.5	426.0	408.8	389.1
15°	670.9	647.8	627.7	601.3	572.8	557.3	526.2	500.6	479.7	456.6	430.6
17.5°	769.8	740.5	713.7	680.9	647.0	621.0	587.0	554.7	527.5	497.3	467.5
20°	858.3	822.7	789.5	750.5	711.6	679.3	639.0	600.4	567.3	532.5	497.3
22.5°	932.1	890.6	851.6	807.6	763.1	725.8	679.7	636.1	597.9	558.9	518.7
25°	990.4	944.3	900.7	851.6	803.0	761.5	710.3	662.1	620.1	577.4	533.8
26°	1008.8	960.6	915.3	862.9	814.7	771.5	719.1	669.2	626.0	582.4	537.5
27°	1023.1	973.2	926.2	873.4	823.5	779.1	725.0	674.2	629.4	584.9	539.2
28°	1032.7	981.6	932.9	879.3	828.5	782.8	727.9	675.9	630.2	585.3	538.8
29°	1039.0	986.2	936.3	882.6	830.6	783.7	727.9	675.1	629.0	583.2	536.3
30°	1040.3	986.6	935.9	881.4	828.5	781.2	724.6	671.3	624.3	578.6	531.3
31°	1038.2	982.8	931.3	877.2	823.9	775.3	718.7	665.4	618.9	572.3	524.5
32°	1031.9	976.1	924.1	869.6	816.0	767.3	710.7	656.6	610.1	564.0	516.2
33°	1023.5	966.5	914.1	859.6	806.3	757.3	700.7	647.0	600.4	553.9	506.5
34°	1011.8	954.3	901.5	847.8	794.2	745.1	688.5	635.2	588.7	542.6	495.6
35°	995.8	938.0	885.6	832.7	779.1	730.4	674.2	621.4	575.7	530.0	483.5
36°	977.4	920.4	867.5	815.1	761.9	713.7	658.7	606.3	561.0	515.7	470.0
37°	956.8	899.8	847.8	796.3	743.8	696.0	642.0	590.4	545.9	501.1	456.2
38°	932.9	876.3	825.2	774.9	723.3	676.3	623.5	572.8	529.2	485.1	441.1
39°	905.3	849.9	799.6	751.0	700.7	654.5	603.0	553.5	510.7	467.9	424.8
40°	875.5	821.8	772.8	725.4	676.3	631.5	581.2	533.4	491.8	449.9	408.0
42.5°	794.2	743.8	698.6	656.2	610.9	569.4	524.1	480.1	441.5	402.9	364.4
45°	704.8	659.1	618.5	581.2	540.1	503.2	462.5	422.7	387.9	352.6	318.2
47.5°	603.8	563.5	528.3	496.9	461.2	428.9	394.1	359.8	329.2	298.5	268.4
50°	490.2	457.5	429.8	404.6	376.1	349.7	321.6	293.5	268.4	242.4	217.2
51°	443.6	414.3	389.1	367.7	341.3	317.8	292.7	267.1	244.0	220.6	197.1
52°	397.5	371.9	350.1	331.2	308.2	287.2	264.6	241.5	220.6	199.2	177.4
53°	353.5	331.2	312.4	296.4	276.3	257.9	237.7	217.6	198.3	179.0	159.3
54°	312.0	293.1	277.2	263.7	246.1	229.8	212.6	194.6	177.4	159.3	141.3
55°	273.4	257.5	244.0	232.7	217.6	203.4	188.7	172.8	157.2	140.9	127.0
57.5°	191.6	181.1	172.3	165.2	155.1	148.0	135.4	124.5	114.9	100.6	90.1
60°	129.1	122.0	116.6	112.4	105.7	101.9	93.1	85.1	78.8	68.3	60.8
61°	108.6	102.7	98.1	94.8	89.3	86.0	78.4	72.1	66.2	57.4	50.7
62°	90.1	85.1	83.4	78.8	74.2	71.7	65.4	60.0	55.3	47.4	41.9
63°	73.8	69.6	68.3	64.6	60.8	59.1	53.7	49.5	45.3	38.6	34.4
64°	59.5	56.2	55.3	52.4	49.5	47.8	43.6	39.8	36.5	31.0	27.7
65°	47.4	46.1	44.0	41.9	39.4	38.2	34.8	31.9	28.9	24.7	22.2
66°	37.3	36.5	34.4	32.7	30.6	29.8	26.8	24.7	22.6	19.3	17.6





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**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
72.5°	5.9	5.9	5.5	5.5	4.6	4.6	4.2	3.8	3.8	3.4	3.4
75°	2.9	2.9	2.9	2.9	2.5	2.5	2.5	2.5	2.1	2.1	2.1
77.5°	2.1	2.1	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
80°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
82.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
85°	0.4	0.4	0.4	0.4	0.4	0.8	0.8	0.8	0.8	0.8	0.8
87.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.8	0.8	0.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: LDA6A15930D010TE LAR35FL 6LLWW1

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	199.6	199.6	199.6	199.6	199.6	199.6	199.6	199.6	199.6	199.6	199.6
2.5°	229.4	225.6	223.9	222.6	220.1	218.0	215.1	213.4	209.7	210.1	205.5
5°	263.3	256.6	252.4	247.8	242.8	238.2	232.3	228.1	221.8	219.7	212.6
7.5°	299.4	288.9	281.8	273.4	265.4	257.5	248.2	241.1	232.7	227.3	217.6
10°	335.0	322.0	309.0	296.9	285.1	273.8	261.2	251.6	239.8	231.9	220.1
12.5°	371.9	352.6	336.7	320.8	304.8	290.2	274.2	260.8	245.7	235.6	221.4
15°	408.4	384.1	364.0	343.4	323.7	304.8	285.5	269.2	251.6	238.6	221.8
17.5°	440.3	411.3	386.6	361.0	338.4	316.2	293.1	274.2	254.1	239.0	220.6
20°	465.0	431.9	403.4	374.0	348.0	322.4	297.3	276.3	254.1	237.3	217.2
22.5°	482.2	446.1	414.3	382.4	353.5	326.2	298.5	276.3	252.8	234.8	214.7
25°	493.9	455.8	421.4	387.4	356.8	327.9	299.4	275.9	252.0	234.0	213.0
26°	496.5	457.5	422.7	387.9	356.8	327.5	298.5	275.1	251.2	233.1	212.2
27°	497.3	457.9	422.2	387.4	356.0	326.2	297.3	273.8	249.5	231.5	210.9
28°	496.0	456.6	420.6	385.3	353.9	323.7	294.8	271.3	247.0	229.4	208.4
29°	493.1	453.3	417.2	382.0	350.5	319.9	291.0	267.9	243.6	226.0	205.5
30°	488.1	448.2	412.2	376.5	345.1	314.9	286.0	262.9	239.0	221.4	200.8
31°	481.4	441.9	405.9	370.2	338.8	309.0	280.1	257.5	233.6	216.4	195.8
32°	473.0	434.8	397.9	362.7	331.2	301.9	273.4	250.7	227.3	210.1	189.9
33°	463.3	426.0	389.1	354.3	323.7	294.3	265.8	243.6	221.0	203.8	184.1
34°	452.8	416.4	379.5	345.5	314.9	286.0	258.3	236.5	213.8	197.1	178.2
35°	441.1	405.5	369.0	335.0	305.7	277.2	249.9	228.5	206.3	189.9	171.5
36°	428.5	393.7	357.7	325.8	295.6	267.5	241.5	220.1	198.3	182.4	164.4
37°	415.5	381.6	346.3	315.3	285.5	258.3	232.7	211.7	190.8	175.3	157.7
38°	401.3	368.6	333.8	304.0	274.6	248.2	223.1	202.9	182.8	167.7	150.5
39°	386.2	353.1	320.8	291.8	263.3	237.7	213.4	194.1	174.0	159.8	143.0
40°	370.7	338.4	307.3	279.3	251.6	227.3	203.4	184.5	165.6	151.4	135.4
42.5°	330.4	301.1	272.1	247.0	221.0	198.7	176.9	159.8	142.6	130.0	115.7
45°	287.6	261.6	235.2	212.6	189.1	169.0	149.7	134.2	118.7	108.2	96.0
47.5°	244.0	218.9	195.8	175.7	156.8	137.5	121.2	107.8	95.2	86.8	78.0
50°	194.6	176.1	156.0	139.2	121.6	107.3	93.5	83.9	74.6	69.2	62.5
51°	176.1	158.9	140.5	125.0	108.6	95.6	83.9	75.5	67.5	62.9	57.0
52°	160.6	142.6	125.4	111.1	97.7	85.1	75.1	67.9	61.2	57.0	51.6
53°	141.7	127.5	111.5	98.5	86.4	75.5	67.1	60.8	54.9	51.6	47.0
54°	125.8	112.8	98.1	86.4	76.3	67.1	59.5	54.5	49.5	46.1	42.3
55°	110.7	100.6	85.5	75.5	67.1	59.1	53.3	48.6	44.0	41.5	37.7
57.5°	77.6	68.8	59.5	53.7	48.2	43.2	39.0	35.6	32.7	31.0	28.1
60°	51.6	46.1	40.7	36.9	33.5	30.6	27.7	25.2	23.1	22.2	20.1
61°	43.2	39.0	34.4	31.9	28.9	26.0	23.5	21.8	20.1	19.3	17.6
62°	36.9	32.7	28.9	26.8	24.3	22.2	20.1	18.4	17.2	16.4	15.1
63°	30.2	27.3	24.3	22.6	20.5	18.4	17.2	15.5	14.7	13.8	12.6
64°	24.7	22.2	20.1	18.4	17.2	15.1	14.3	13.0	11.7	11.7	10.5
65°	20.1	18.0	16.4	15.1	13.8	12.6	11.7	10.5	9.6	9.2	8.4
66°	15.9	14.3	13.0	12.2	10.9	10.1	9.2	8.4	7.5	7.5	6.7



TEST NUMBER: P175556

CATALOG NUMBER: LDA6A15930D010TE LAR35FL 6LLWW1

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
72.5°	2.9	2.9	2.9	2.5	2.5	2.5	2.5	2.1	2.1	2.1	2.1
75°	2.1	2.1	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
77.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
80°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
82.5°	0.8	0.8	0.8	0.8	0.8	1.3	1.3	1.3	1.3	1.3	1.3
85°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.3	1.3
87.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P175556

CATALOG NUMBER: LDA6A15930D010TE LAR35FL 6LLWW1

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
0°	199.6	199.6	199.6	199.6	199.6	199.6	199.6	199.6
2.5°	204.2	203.4	198.3	196.7	179.5	164.8	158.9	155.1
5°	209.2	205.9	198.7	195.4	163.1	140.0	129.6	125.0
7.5°	212.2	206.3	196.7	191.6	147.2	119.5	106.5	101.9
10°	211.7	204.2	192.9	185.8	132.5	102.7	89.7	85.1
12.5°	211.3	201.7	188.7	179.9	120.3	90.6	77.2	73.0
15°	210.1	198.3	184.1	174.0	109.9	80.5	68.3	64.6
17.5°	206.7	194.1	178.2	167.3	101.1	73.0	62.5	58.7
20°	202.5	188.7	172.8	161.4	95.6	70.0	61.2	58.7
22.5°	199.2	184.9	169.0	158.1	97.3	78.8	78.4	80.1
25°	197.9	184.1	168.1	158.1	105.7	95.2	100.6	103.6
26°	197.1	183.7	168.1	158.1	108.2	99.4	104.4	107.8
27°	195.8	182.4	167.3	157.2	109.4	101.5	106.1	108.6
28°	193.7	180.3	165.2	156.0	109.4	101.5	105.2	107.3
29°	190.8	177.8	162.7	153.5	108.2	99.8	102.7	104.4
30°	186.6	173.6	158.9	149.7	105.2	97.3	99.0	100.2
31°	181.6	169.0	154.3	145.5	102.3	93.9	95.2	96.0
32°	176.1	163.5	149.3	140.9	98.5	90.1	91.0	91.4
33°	170.2	158.1	144.2	135.9	95.2	86.8	86.8	87.2
34°	164.4	152.2	139.6	130.8	91.8	83.9	83.0	83.4
35°	158.5	146.3	134.2	125.8	88.5	80.5	79.7	79.7
36°	151.8	140.0	128.3	120.3	85.1	78.0	76.3	76.3
37°	145.5	134.2	122.9	114.9	81.3	75.1	73.4	73.0
38°	138.8	127.9	117.0	109.4	78.0	72.1	70.4	70.0
39°	132.1	121.6	111.1	104.0	74.6	69.2	67.9	67.1
40°	125.0	114.9	105.2	98.1	71.3	65.8	65.0	64.2
42.5°	106.5	97.7	89.7	84.7	62.9	57.9	56.6	57.0
45°	88.5	81.8	75.5	72.1	54.5	49.9	48.6	48.6
47.5°	72.5	67.5	63.3	60.0	45.7	41.5	40.3	38.6
50°	58.7	54.9	51.6	49.5	37.7	33.5	31.0	29.4
51°	53.7	50.3	47.4	45.3	34.4	30.2	27.3	25.6
52°	48.6	45.7	43.2	41.5	31.0	26.8	23.9	22.2
53°	44.0	41.5	39.4	37.7	28.1	23.9	21.0	19.3
54°	39.8	37.3	35.6	34.0	25.2	21.0	17.6	16.4
55°	36.1	33.5	32.3	30.6	22.2	18.0	14.7	13.8
57.5°	26.8	25.2	24.3	23.1	16.4	11.7	8.8	7.5
60°	19.3	18.0	17.6	16.8	10.5	6.3	4.6	3.8
61°	16.8	15.9	15.1	14.3	8.4	5.0	3.8	3.4
62°	14.3	13.4	12.6	12.2	6.7	4.2	3.4	2.9
63°	11.7	11.3	10.5	10.1	5.5	3.4	2.9	2.5
64°	9.6	9.2	8.4	8.0	4.6	2.9	2.5	2.1
65°	8.0	7.5	6.7	6.3	3.8	2.5	2.1	1.7
66°	6.3	5.9	5.5	5.0	3.4	2.5	1.7	1.7



TEST NUMBER: P175556

CATALOG NUMBER: LDA6A15930D010TE LAR35FL 6LLWW1

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
72.5°	2.1	2.1	1.7	1.7	1.7	1.7	1.7	1.3
75°	1.7	1.7	1.7	1.7	1.7	1.7	1.3	1.3
77.5°	1.3	1.3	1.3	1.3	1.7	1.3	1.3	1.3
80°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.8
82.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.8
85°	1.3	1.3	1.3	1.3	1.3	1.3	0.8	0.8
87.5°	0.8	1.3	1.3	1.3	1.3	0.8	0.4	0.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



Report Generated By E9808895 / USPTCWHP6082093





— 0°-180°    - - 45°-225°    - - - - 90°-270°









67.5°	30.2	31.0	31.4	31.4	31.0	29.4	29.8	28.9	28.1	27.3	26.4
70°	15.1	15.5	15.9	15.9	15.5	14.7	15.1	14.7	14.3	13.8	13.0





67.5°	25.6	24.7	23.5	22.2	20.5	20.1	18.0	16.4	15.1	13.0	12.2
70°	12.6	12.2	11.3	10.5	10.1	9.6	8.4	8.0	7.1	6.3	5.9





67.5°	10.9	9.6	8.8	8.4	7.5	7.1	6.7	5.9	5.5	5.5	5.0
70°	5.5	5.0	4.6	4.6	4.2	3.8	3.8	3.4	3.4	3.4	2.9







67.5°	4.6	4.6	4.2	3.8	2.5	2.1	1.7	1.7
70°	2.9	2.9	2.5	2.5	2.1	1.7	1.7	1.3



(END OF REPORT)