

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: P175552

Luminaire Tested: **LDA6A15830D010TE LAR35FL 6LLWW1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P175552
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: LDA6A15830D010TE LAR35FL 6LLWW1
Description: PORTFOLIO 6" Lensed Wall Wash, Self-flanged, 35° Flood Optic, at 30° tilt
Light Source: (1) HIGH LUMEN LED 80CRI / 3000K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 988.0 lumens
Efficiency: N/A
Efficacy: 44.4 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

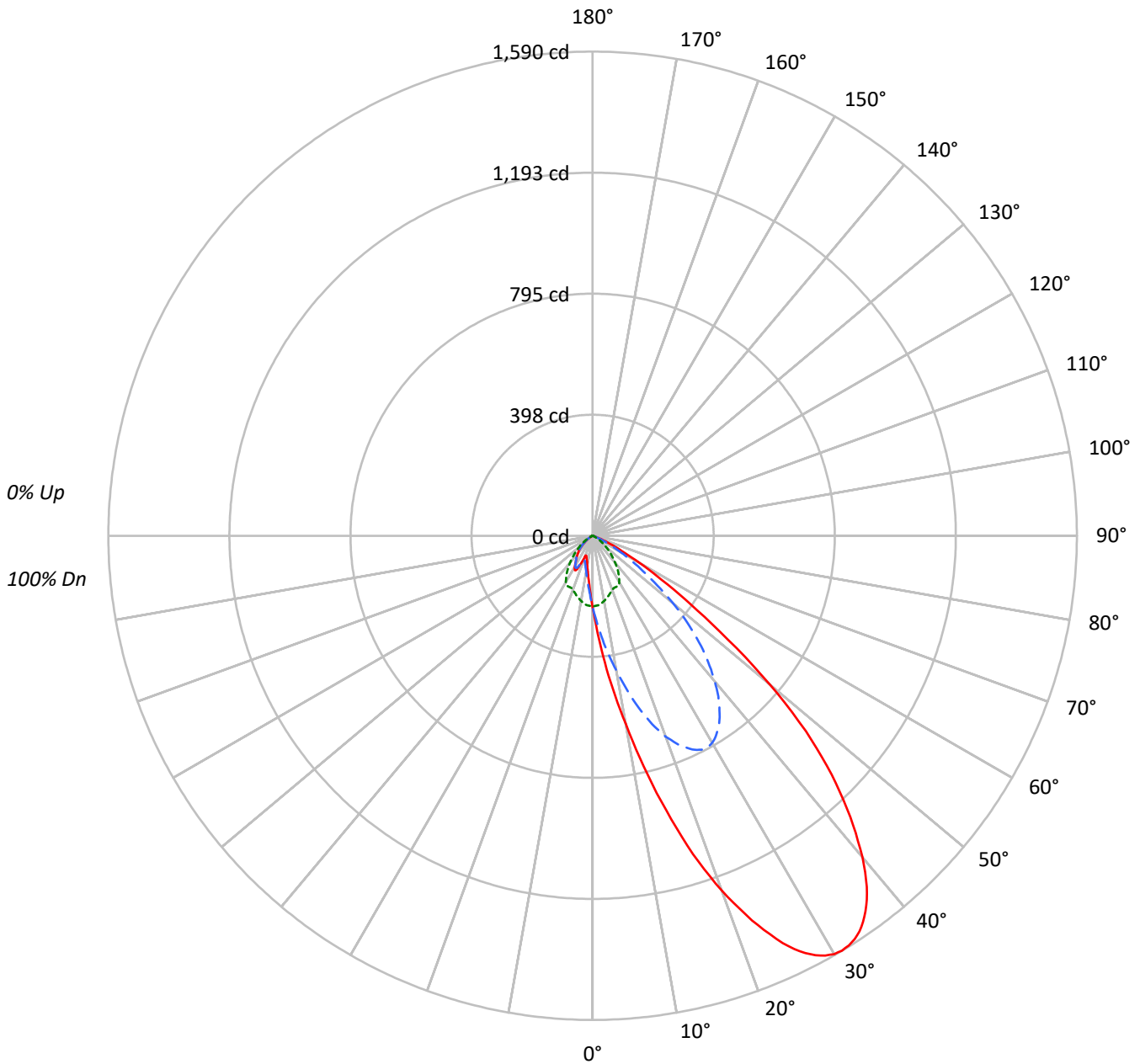
Input Watts (W): 22.27
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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	95	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°	12795	12795	12795
5°	21775	12574	8040
10°	34964	12091	5539
15°	52980	11549	4285
20°	72340	11014	4002
25°	89297	11178	7325
30°	100402	11078	7419
35°	103590	9844	6237
40°	98635	8208	5367
45°	86063	6536	4411
50°	64902	4938	2925
55°	37485	3422	1548
60°	19406	2149	482
65°	8393	960	259
70°	2837	465	240
75°	932	424	318
80°	631	474	316
85°	314	943	629



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.0	2.5
10°-20°	100.8	10.2
20°-30°	214.7	21.7
30°-40°	278.7	28.2
40°-50°	233.7	23.7
50°-60°	107.8	10.9
60°-70°	23.3	2.4
70°-80°	3.1	0.3
80°-90°	1.1	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°	340.5	34.5
0°-40°	619.2	62.7
0°-60°	960.6	97.2
0°-90°	988.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	988.0	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	233	233	233	233	233	
5°	396	331	228	164	146	45
15°	934	585	204	94	76	274
25°	1476	774	185	111	121	677
35°	1548	727	147	94	93	956
45°	1110	494	84	58	57	842
55°	392	202	36	21	16	373
65°	65	37	7	3	2	74
75°	4	3	2	2	2	7
85°	0	1	2	2	1	1
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	233.4	233.4	233.4	233.4	233.4	233.4	233.4	233.4	233.4	233.4	233.4
2.5°	302.0	297.6	301.5	301.5	299.1	297.1	300.6	296.1	298.6	294.2	294.2
5°	395.7	384.4	389.8	389.3	384.9	385.9	384.4	378.0	379.5	372.6	370.7
7.5°	505.5	493.7	499.6	498.2	491.8	491.3	488.8	478.5	478.5	468.2	462.8
10°	628.1	619.3	626.1	623.2	615.3	611.9	608.0	593.8	590.8	575.1	566.3
12.5°	776.2	771.7	764.4	759.5	756.1	750.7	743.8	725.2	718.3	697.2	683.5
15°	933.5	931.6	923.2	924.2	911.0	895.3	899.2	868.3	856.6	829.1	810.5
17.5°	1096.8	1090.9	1083.1	1072.3	1065.4	1046.8	1038.5	1009.5	992.4	958.1	935.0
20°	1240.0	1237.5	1230.7	1216.9	1206.6	1185.6	1172.3	1139.0	1115.0	1074.8	1046.8
22.5°	1367.5	1363.5	1357.2	1340.5	1328.2	1303.2	1286.6	1248.3	1218.9	1173.3	1139.5
25°	1476.3	1469.0	1463.6	1443.5	1430.2	1400.8	1381.2	1338.5	1303.7	1253.2	1214.0
26°	1510.1	1503.8	1498.9	1477.8	1463.6	1432.7	1412.1	1367.5	1330.2	1278.7	1237.0
27°	1538.1	1532.7	1528.8	1506.7	1491.5	1459.6	1437.1	1392.0	1352.3	1299.3	1256.2
28°	1560.2	1555.3	1551.3	1528.3	1512.6	1479.7	1455.7	1409.6	1368.0	1313.5	1269.4
29°	1576.3	1571.4	1568.5	1544.0	1528.3	1494.5	1469.4	1421.9	1378.7	1323.3	1277.7
30°	1586.1	1581.2	1578.3	1552.8	1537.1	1502.8	1475.8	1428.3	1383.2	1327.3	1280.7
31°	1589.6	1584.2	1582.2	1556.2	1539.6	1504.3	1477.3	1428.3	1382.2	1325.8	1278.2
32°	1586.6	1581.7	1580.3	1553.8	1536.6	1500.8	1473.4	1423.8	1376.8	1319.9	1271.4
33°	1579.8	1574.9	1573.9	1546.9	1529.8	1493.0	1466.0	1415.5	1367.5	1310.1	1261.6
34°	1567.0	1562.1	1562.1	1534.7	1517.0	1480.2	1453.3	1402.8	1353.2	1296.4	1247.3
35°	1547.9	1545.9	1544.0	1516.0	1498.4	1461.6	1434.6	1383.6	1334.1	1277.7	1227.7
36°	1524.4	1522.9	1520.9	1493.0	1474.8	1438.1	1412.1	1361.1	1311.1	1255.2	1205.7
37°	1496.4	1495.4	1494.0	1466.0	1447.9	1411.6	1385.1	1335.1	1285.1	1229.7	1180.2
38°	1462.6	1462.6	1461.1	1433.2	1415.0	1379.2	1353.7	1303.7	1254.2	1199.8	1151.2
39°	1422.4	1423.4	1422.4	1394.4	1376.3	1341.0	1316.5	1267.9	1218.4	1165.5	1121.8
40°	1378.3	1379.7	1379.2	1351.8	1333.6	1299.3	1275.8	1228.2	1184.1	1127.7	1085.5
42.5°	1253.2	1255.7	1256.2	1230.2	1213.0	1181.1	1160.1	1116.4	1070.3	1023.3	985.0
45°	1110.1	1114.5	1115.4	1091.9	1076.2	1047.3	1029.6	990.4	956.1	907.6	874.2
47.5°	949.7	956.1	958.5	937.0	921.8	896.8	883.5	850.2	820.3	776.6	748.7
50°	761.0	768.3	762.4	753.6	740.9	721.2	713.4	686.4	654.6	626.6	607.0
51°	679.1	686.9	691.3	674.2	663.4	645.7	639.8	616.8	588.4	564.3	547.7
52°	598.7	607.0	611.4	596.2	586.9	572.2	568.8	548.7	523.6	503.5	489.8
53°	523.2	531.0	526.1	522.7	514.3	502.1	500.1	483.4	461.9	445.2	434.4
54°	454.0	460.9	465.8	454.5	447.2	436.9	436.4	422.6	404.5	390.3	382.4
55°	392.2	398.6	403.0	393.7	387.3	378.5	378.5	367.2	352.0	340.3	334.4
57.5°	268.2	272.6	276.5	269.7	265.3	259.9	260.8	254.0	243.7	236.3	232.9
60°	177.0	180.4	182.9	178.5	176.0	172.6	173.6	169.2	165.7	157.9	156.4
61°	147.6	151.0	153.5	149.5	150.5	144.1	145.6	141.7	138.8	135.3	131.4
62°	122.1	125.0	127.0	123.6	124.5	119.1	120.6	117.7	115.2	111.8	108.8
63°	99.5	102.0	103.9	103.5	102.0	97.6	98.6	96.1	94.1	91.7	89.2
64°	80.9	82.9	84.3	84.3	82.9	78.9	79.9	77.5	76.5	74.0	72.1
65°	64.7	66.2	67.2	67.2	66.2	63.2	63.7	62.3	60.8	59.3	57.9
66°	51.0	52.5	53.4	53.4	52.5	50.0	50.5	49.0	48.0	46.6	45.6



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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°	8.3	8.8	8.8	8.8	8.8	8.3	8.3	8.3	7.8	7.8	7.4
75°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	3.9	3.9	3.9	3.9
77.5°	2.9	2.9	2.9	2.9	2.9	2.5	2.5	2.5	2.5	2.5	2.5
80°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.5	1.5	1.5	1.5
82.5°	1.0	1.5	1.5	1.5	1.5	1.0	1.0	1.0	1.5	1.0	1.0
85°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.5
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°	233.4	233.4	233.4	233.4	233.4	233.4	233.4	233.4	233.4	233.4	233.4
2.5°	292.7	290.3	289.8	286.3	280.9	283.9	277.5	277.5	275.1	274.1	269.7
5°	366.3	361.4	358.4	351.5	346.2	344.2	333.9	331.0	325.1	320.7	312.8
7.5°	455.5	446.2	439.3	428.5	418.2	413.3	397.6	390.3	380.5	371.7	359.4
10°	554.0	539.8	528.5	512.4	496.7	486.9	465.3	449.6	437.4	423.1	406.0
12.5°	665.3	645.2	628.1	605.0	583.0	567.8	538.8	516.3	498.2	478.0	455.0
15°	784.5	757.5	734.0	703.1	669.8	651.6	615.3	585.4	560.9	533.9	503.5
17.5°	900.2	865.9	834.5	796.3	756.5	726.1	686.4	648.7	616.8	581.5	546.7
20°	1003.7	962.0	923.2	877.6	832.0	794.3	747.2	702.1	663.4	622.7	581.5
22.5°	1090.0	1041.4	995.8	944.3	892.4	848.7	794.8	743.8	699.2	653.6	606.5
25°	1158.1	1104.2	1053.2	995.8	938.9	890.4	830.6	774.2	725.2	675.2	624.2
26°	1179.7	1123.3	1070.3	1009.0	952.7	902.2	840.9	782.5	732.0	681.0	628.6
27°	1196.3	1138.0	1083.1	1021.3	963.0	911.0	847.7	788.4	735.9	684.0	630.5
28°	1207.6	1147.8	1090.9	1028.2	968.8	915.4	851.2	790.4	736.9	684.5	630.0
29°	1215.0	1153.2	1094.9	1032.1	971.3	916.4	851.2	789.4	735.5	682.0	627.1
30°	1216.4	1153.7	1094.4	1030.6	968.8	913.4	847.2	785.0	730.1	676.6	621.2
31°	1214.0	1149.3	1089.0	1025.7	963.5	906.6	840.4	778.1	723.7	669.3	613.4
32°	1206.6	1141.4	1080.6	1016.9	954.1	897.3	831.1	767.8	713.4	659.5	603.6
33°	1196.8	1130.2	1068.9	1005.1	942.9	885.5	819.3	756.5	702.1	647.7	592.3
34°	1183.1	1115.9	1054.2	991.4	928.6	871.3	805.1	742.8	688.4	634.5	579.5
35°	1164.5	1096.8	1035.5	973.7	911.0	854.1	788.4	726.6	673.2	619.7	565.3
36°	1142.9	1076.2	1014.4	953.2	890.9	834.5	770.3	709.0	656.0	603.1	549.6
37°	1118.9	1052.2	991.4	931.1	869.8	813.9	750.7	690.4	638.4	585.9	533.5
38°	1090.9	1024.7	964.9	906.1	845.8	790.9	729.1	669.8	618.8	567.3	515.8
39°	1058.6	993.9	935.0	878.1	819.3	765.4	705.1	647.2	597.2	547.2	496.7
40°	1023.8	961.0	903.6	848.2	790.9	738.4	679.6	623.7	575.1	526.1	477.1
42.5°	928.6	869.8	816.8	767.3	714.4	665.8	612.9	561.4	516.3	471.2	426.1
45°	824.2	770.8	723.2	679.6	631.5	588.4	540.8	494.2	453.5	412.3	372.1
47.5°	706.0	659.0	617.8	581.0	539.3	501.6	460.9	420.7	384.9	349.1	313.8
50°	573.2	534.9	502.6	473.1	439.8	408.9	376.1	343.2	313.8	283.4	254.0
51°	518.7	484.4	455.0	430.0	399.1	371.7	342.2	312.3	285.4	257.9	230.4
52°	464.8	434.9	409.4	387.3	360.4	335.9	309.4	282.4	257.9	232.9	207.4
53°	413.3	387.3	365.3	346.6	323.1	301.5	278.0	254.5	231.9	209.4	186.3
54°	364.8	342.7	324.1	308.4	287.8	268.7	248.6	227.5	207.4	186.3	165.2
55°	319.7	301.0	285.4	272.1	254.5	237.8	220.6	202.0	183.9	164.7	148.6
57.5°	224.1	211.8	201.5	193.2	181.4	173.1	158.4	145.6	134.3	117.7	105.4
60°	151.0	142.7	136.3	131.4	123.6	119.1	108.8	99.5	92.2	79.9	71.1
61°	127.0	120.1	114.7	110.8	104.4	100.5	91.7	84.3	77.5	67.2	59.3
62°	105.4	99.5	97.6	92.2	86.8	83.8	76.5	70.1	64.7	55.4	49.0
63°	86.3	81.4	79.9	75.5	71.1	69.1	62.8	57.9	53.0	45.1	40.2
64°	69.6	65.7	64.7	61.3	57.9	55.9	51.0	46.6	42.7	36.3	32.4
65°	55.4	53.9	51.5	49.0	46.1	44.6	40.7	37.3	33.8	28.9	26.0
66°	43.6	42.7	40.2	38.2	35.8	34.8	31.4	28.9	26.5	22.6	20.6



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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°	6.9	6.9	6.4	6.4	5.4	5.4	4.9	4.4	4.4	3.9	3.9
75°	3.4	3.4	3.4	3.4	2.9	2.9	2.9	2.9	2.5	2.5	2.5
77.5°	2.5	2.5	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
80°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
82.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
85°	0.5	0.5	0.5	0.5	0.5	1.0	1.0	1.0	1.0	1.0	1.0
87.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	1.0	1.0
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: LDA6A15830D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	233.4	233.4	233.4	233.4	233.4	233.4	233.4	233.4	233.4	233.4	233.4
2.5°	268.2	263.8	261.8	260.4	257.4	255.0	251.5	249.6	245.2	245.6	240.2
5°	307.9	300.1	295.2	289.8	283.9	278.5	271.6	266.7	259.4	256.9	248.6
7.5°	350.1	337.8	329.5	319.7	310.4	301.0	290.3	281.9	272.1	265.7	254.5
10°	391.8	376.6	361.4	347.1	333.4	320.2	305.5	294.2	280.5	271.1	257.4
12.5°	434.9	412.3	393.7	375.1	356.5	339.3	320.7	305.0	287.3	275.6	258.9
15°	477.6	449.1	425.6	401.6	378.5	356.5	333.9	314.8	294.2	279.0	259.4
17.5°	514.8	481.0	452.1	422.2	395.7	369.7	342.7	320.7	297.1	279.5	257.9
20°	543.7	505.0	471.7	437.4	407.0	377.0	347.6	323.1	297.1	277.5	254.0
22.5°	563.9	521.7	484.4	447.2	413.3	381.5	349.1	323.1	295.7	274.6	251.0
25°	577.6	533.0	492.8	453.0	417.3	383.4	350.1	322.6	294.7	273.6	249.1
26°	580.5	534.9	494.2	453.5	417.3	382.9	349.1	321.6	293.7	272.6	248.1
27°	581.5	535.4	493.7	453.0	416.3	381.5	347.6	320.2	291.7	270.6	246.6
28°	580.0	533.9	491.8	450.6	413.8	378.5	344.7	317.2	288.8	268.2	243.7
29°	576.6	530.0	487.9	446.7	409.9	374.1	340.3	313.3	284.9	264.3	240.2
30°	570.7	524.1	482.0	440.3	403.5	368.2	334.4	307.4	279.5	258.9	234.9
31°	562.9	516.8	474.6	432.9	396.2	361.4	327.5	301.0	273.1	253.0	229.0
32°	553.1	508.4	465.3	424.1	387.3	353.0	319.7	293.2	265.7	245.6	222.1
33°	541.8	498.2	455.0	414.3	378.5	344.2	310.9	284.9	258.4	238.3	215.2
34°	529.5	486.9	443.7	404.0	368.2	334.4	302.0	276.5	250.1	230.4	208.4
35°	515.8	474.1	431.5	391.8	357.4	324.1	292.2	267.2	241.2	222.1	200.5
36°	501.1	460.4	418.2	381.0	345.7	312.8	282.4	257.4	231.9	213.3	192.2
37°	485.9	446.2	405.0	368.7	333.9	302.0	272.1	247.6	223.1	204.9	184.4
38°	469.2	431.0	390.3	355.5	321.2	290.3	260.8	237.3	213.8	196.1	176.0
39°	451.6	412.8	375.1	341.3	307.9	278.0	249.6	227.0	203.5	186.8	167.2
40°	433.4	395.7	359.4	326.5	294.2	265.7	237.8	215.7	193.7	177.0	158.4
42.5°	386.4	352.0	318.2	288.8	258.4	232.4	206.9	186.8	166.7	152.0	135.3
45°	336.3	306.0	275.1	248.6	221.1	197.6	175.0	156.9	138.8	126.5	112.3
47.5°	285.4	255.9	229.0	205.4	183.4	160.8	141.7	126.0	111.3	101.5	91.2
50°	227.5	205.9	182.4	162.8	142.2	125.5	109.3	98.1	87.3	80.9	73.1
51°	205.9	185.8	164.3	146.1	127.0	111.8	98.1	88.3	78.9	73.5	66.7
52°	187.8	166.7	146.6	129.9	114.2	99.5	87.8	79.4	71.6	66.7	60.3
53°	165.7	149.1	130.4	115.2	101.0	88.3	78.4	71.1	64.2	60.3	54.9
54°	147.1	131.9	114.7	101.0	89.2	78.4	69.6	63.7	57.9	53.9	49.5
55°	129.4	117.7	100.0	88.3	78.4	69.1	62.3	56.9	51.5	48.5	44.1
57.5°	90.7	80.4	69.6	62.8	56.4	50.5	45.6	41.7	38.2	36.3	32.9
60°	60.3	53.9	47.6	43.1	39.2	35.8	32.4	29.4	27.0	26.0	23.5
61°	50.5	45.6	40.2	37.3	33.8	30.4	27.5	25.5	23.5	22.6	20.6
62°	43.1	38.2	33.8	31.4	28.4	26.0	23.5	21.6	20.1	19.1	17.7
63°	35.3	31.9	28.4	26.5	24.0	21.6	20.1	18.1	17.2	16.2	14.7
64°	28.9	26.0	23.5	21.6	20.1	17.7	16.7	15.2	13.7	13.7	12.3
65°	23.5	21.1	19.1	17.7	16.2	14.7	13.7	12.3	11.3	10.8	9.8
66°	18.6	16.7	15.2	14.2	12.7	11.8	10.8	9.8	8.8	8.8	7.8



TEST NUMBER: P175552

CATALOG NUMBER: LDA6A15830D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
72.5°	3.4	3.4	3.4	2.9	2.9	2.9	2.9	2.5	2.5	2.5	2.5
75°	2.5	2.5	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
77.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
80°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
82.5°	1.0	1.0	1.0	1.0	1.0	1.5	1.5	1.5	1.5	1.5	1.5
85°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.5	1.5
87.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
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: P175552

CATALOG NUMBER: LDA6A15830D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
0°	233.4	233.4	233.4	233.4	233.4	233.4	233.4	233.4
2.5°	238.8	237.8	231.9	230.0	209.9	192.7	185.8	181.4
5°	244.7	240.7	232.4	228.5	190.7	163.8	151.5	146.1
7.5°	248.1	241.2	230.0	224.1	172.1	139.7	124.5	119.1
10°	247.6	238.8	225.5	217.2	154.9	120.1	104.9	99.5
12.5°	247.1	235.8	220.6	210.3	140.7	105.9	90.2	85.3
15°	245.6	231.9	215.2	203.5	128.5	94.1	79.9	75.5
17.5°	241.7	227.0	208.4	195.6	118.2	85.3	73.1	68.6
20°	236.8	220.6	202.0	188.8	111.8	81.9	71.6	68.6
22.5°	232.9	216.2	197.6	184.8	113.8	92.2	91.7	93.6
25°	231.4	215.2	196.6	184.8	123.6	111.3	117.7	121.1
26°	230.4	214.8	196.6	184.8	126.5	116.2	122.1	126.0
27°	229.0	213.3	195.6	183.9	128.0	118.7	124.0	127.0
28°	226.5	210.8	193.2	182.4	128.0	118.7	123.1	125.5
29°	223.1	207.9	190.2	179.5	126.5	116.7	120.1	122.1
30°	218.2	203.0	185.8	175.0	123.1	113.8	115.7	117.2
31°	212.3	197.6	180.4	170.1	119.6	109.8	111.3	112.3
32°	205.9	191.2	174.5	164.7	115.2	105.4	106.4	106.9
33°	199.1	184.8	168.7	158.9	111.3	101.5	101.5	102.0
34°	192.2	178.0	163.3	153.0	107.4	98.1	97.1	97.6
35°	185.3	171.1	156.9	147.1	103.5	94.1	93.2	93.2
36°	177.5	163.8	150.0	140.7	99.5	91.2	89.2	89.2
37°	170.1	156.9	143.7	134.3	95.1	87.8	85.8	85.3
38°	162.3	149.5	136.8	128.0	91.2	84.3	82.4	81.9
39°	154.4	142.2	129.9	121.6	87.3	80.9	79.4	78.4
40°	146.1	134.3	123.1	114.7	83.4	77.0	76.0	75.0
42.5°	124.5	114.2	104.9	99.0	73.5	67.7	66.2	66.7
45°	103.5	95.6	88.3	84.3	63.7	58.3	56.9	56.9
47.5°	84.8	78.9	74.0	70.1	53.4	48.5	47.1	45.1
50°	68.6	64.2	60.3	57.9	44.1	39.2	36.3	34.3
51°	62.8	58.8	55.4	53.0	40.2	35.3	31.9	29.9
52°	56.9	53.4	50.5	48.5	36.3	31.4	27.9	26.0
53°	51.5	48.5	46.1	44.1	32.9	27.9	24.5	22.6
54°	46.6	43.6	41.7	39.7	29.4	24.5	20.6	19.1
55°	42.2	39.2	37.8	35.8	26.0	21.1	17.2	16.2
57.5°	31.4	29.4	28.4	27.0	19.1	13.7	10.3	8.8
60°	22.6	21.1	20.6	19.6	12.3	7.4	5.4	4.4
61°	19.6	18.6	17.7	16.7	9.8	5.9	4.4	3.9
62°	16.7	15.7	14.7	14.2	7.8	4.9	3.9	3.4
63°	13.7	13.2	12.3	11.8	6.4	3.9	3.4	2.9
64°	11.3	10.8	9.8	9.3	5.4	3.4	2.9	2.5
65°	9.3	8.8	7.8	7.4	4.4	2.9	2.5	2.0
66°	7.4	6.9	6.4	5.9	3.9	2.9	2.0	2.0



TEST NUMBER: P175552

CATALOG NUMBER: LDA6A15830D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
72.5°	2.5	2.5	2.0	2.0	2.0	2.0	2.0	1.5
75°	2.0	2.0	2.0	2.0	2.0	2.0	1.5	1.5
77.5°	1.5	1.5	1.5	1.5	2.0	1.5	1.5	1.5
80°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0
82.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0
85°	1.5	1.5	1.5	1.5	1.5	1.5	1.0	1.0
87.5°	1.0	1.5	1.5	1.5	1.5	1.0	0.5	0.5
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°	35.3	36.3	36.8	36.8	36.3	34.3	34.8	33.8	32.9	31.9	30.9
70°	17.7	18.1	18.6	18.6	18.1	17.2	17.7	17.2	16.7	16.2	15.2





67.5°	29.9	28.9	27.5	26.0	24.0	23.5	21.1	19.1	17.7	15.2	14.2
70°	14.7	14.2	13.2	12.3	11.8	11.3	9.8	9.3	8.3	7.4	6.9





67.5°	12.7	11.3	10.3	9.8	8.8	8.3	7.8	6.9	6.4	6.4	5.9
70°	6.4	5.9	5.4	5.4	4.9	4.4	4.4	3.9	3.9	3.9	3.4





67.5°	5.4	5.4	4.9	4.4	2.9	2.5	2.0	2.0
70°	3.4	3.4	2.9	2.9	2.5	2.0	2.0	1.5



(END OF REPORT)