

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: P175541

Luminaire Tested: **LDA6A20935D010TE LAR35FL 6LLWW1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P175541
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: LDA6A20935D010TE LAR35FL 6LLWW1
Description: PORTFOLIO 6" Lensed Wall Wash, Self-flanged, 35° Flood Optic, at 30° tilt
Light Source: (1) HIGH LUMEN LED 90CRI / 3500K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1054.9 lumens
Efficiency: N/A
Efficacy: 36.2 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

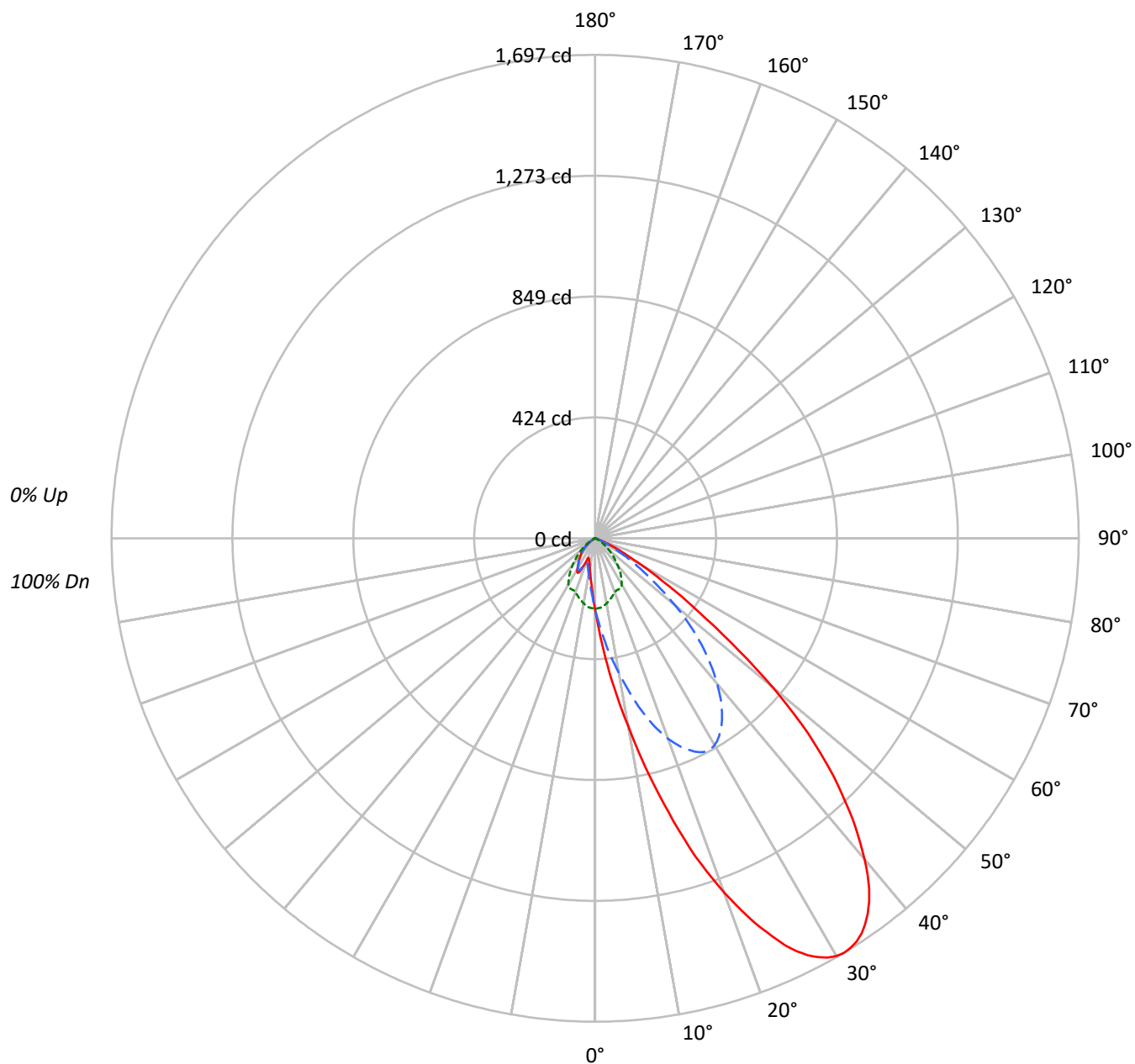
Input Watts (W): 29.12
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°
0°	13661	13661	13661
5°	23250	13422	8585
10°	37330	12909	5917
15°	56567	12327	4574
20°	77234	11755	4276
25°	95340	11940	7821
30°	107200	11831	7919
35°	110604	10507	6659
40°	105304	8766	5732
45°	91886	6977	4706
50°	69294	5271	3121
55°	40027	3651	1653
60°	20722	2291	515
65°	8963	1025	272
70°	3013	497	256
75°	996	445	339
80°	663	505	316
85°	314	1006	629



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.7	2.5
10°-20°	107.6	10.2
20°-30°	229.2	21.7
30°-40°	297.5	28.2
40°-50°	249.5	23.7
50°-60°	115.1	10.9
60°-70°	24.8	2.4
70°-80°	3.2	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°	363.5	34.5
0°-40°	661.1	62.7
0°-60°	1025.7	97.2
0°-90°	1054.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1054.9	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	249	249	249	249	249	
5°	422	353	244	175	156	48
15°	997	625	217	100	81	293
25°	1576	827	197	119	129	723
35°	1653	776	157	100	100	1021
45°	1185	528	90	62	61	899
55°	419	216	38	22	17	398
65°	69	40	8	3	2	79
75°	5	3	2	2	2	7
85°	0	1	2	2	1	1
90°	0	0	0	0	0	



TEST NUMBER: P175541

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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	249.2	249.2	249.2	249.2	249.2	249.2	249.2	249.2	249.2	249.2	249.2
2.5°	322.5	317.8	321.9	321.9	319.3	317.2	320.9	316.2	318.8	314.1	314.1
5°	422.5	410.4	416.2	415.7	410.9	412.0	410.4	403.6	405.2	397.9	395.8
7.5°	539.7	527.2	533.4	531.9	525.1	524.5	521.9	510.9	510.9	499.9	494.2
10°	670.6	661.2	668.5	665.4	657.0	653.3	649.1	633.9	630.8	614.1	604.6
12.5°	828.7	824.0	816.1	810.9	807.2	801.5	794.1	774.2	766.9	744.4	729.7
15°	996.7	994.6	985.7	986.8	972.6	955.9	960.1	927.1	914.5	885.2	865.3
17.5°	1171.0	1164.8	1156.4	1144.9	1137.5	1117.7	1108.8	1077.9	1059.5	1022.9	998.3
20°	1323.9	1321.3	1314.0	1299.3	1288.3	1265.8	1251.7	1216.1	1190.4	1147.5	1117.7
22.5°	1460.0	1455.8	1449.0	1431.2	1418.1	1391.4	1373.6	1332.8	1301.4	1252.7	1216.6
25°	1576.2	1568.4	1562.6	1541.2	1527.0	1495.6	1474.7	1429.1	1392.0	1338.0	1296.2
26°	1612.4	1605.5	1600.3	1577.8	1562.6	1529.6	1507.7	1460.0	1420.2	1365.3	1320.8
27°	1642.2	1636.4	1632.2	1608.7	1592.5	1558.4	1534.4	1486.2	1443.8	1387.2	1341.2
28°	1665.7	1660.5	1656.3	1631.7	1615.0	1579.9	1554.2	1505.0	1460.5	1402.4	1355.3
29°	1683.0	1677.8	1674.6	1648.5	1631.7	1595.6	1568.9	1518.1	1472.1	1412.9	1364.2
30°	1693.5	1688.3	1685.1	1657.9	1641.1	1604.5	1575.7	1524.9	1476.8	1417.1	1367.4
31°	1697.2	1691.4	1689.3	1661.6	1643.8	1606.1	1577.3	1524.9	1475.7	1415.5	1364.7
32°	1694.0	1688.8	1687.2	1658.9	1640.6	1602.4	1573.1	1520.2	1470.0	1409.2	1357.4
33°	1686.7	1681.5	1680.4	1651.6	1633.3	1594.0	1565.2	1511.3	1460.0	1398.8	1346.9
34°	1673.1	1667.8	1667.8	1638.5	1619.7	1580.4	1551.6	1497.7	1444.8	1384.1	1331.8
35°	1652.7	1650.6	1648.5	1618.6	1599.8	1560.5	1531.7	1477.3	1424.4	1364.2	1310.8
36°	1627.5	1626.0	1623.9	1594.0	1574.7	1535.4	1507.7	1453.2	1399.8	1340.1	1287.3
37°	1597.7	1596.6	1595.1	1565.2	1545.9	1507.1	1478.9	1425.5	1372.1	1312.9	1260.0
38°	1561.6	1561.6	1560.0	1530.2	1510.8	1472.6	1445.4	1392.0	1339.1	1281.0	1229.2
39°	1518.6	1519.7	1518.6	1488.8	1469.4	1431.7	1405.6	1353.7	1300.9	1244.3	1197.7
40°	1471.5	1473.1	1472.6	1443.3	1423.9	1387.2	1362.1	1311.3	1264.2	1204.0	1159.0
42.5°	1338.0	1340.7	1341.2	1313.4	1295.1	1261.1	1238.6	1192.0	1142.8	1092.5	1051.7
45°	1185.2	1189.9	1190.9	1165.8	1149.1	1118.2	1099.3	1057.5	1020.8	969.0	933.4
47.5°	1014.0	1020.8	1023.4	1000.4	984.2	957.5	943.3	907.7	875.8	829.2	799.4
50°	812.5	820.3	814.0	804.6	791.0	770.1	761.7	732.9	698.9	669.0	648.1
51°	725.0	733.4	738.1	719.8	708.3	689.4	683.2	658.6	628.2	602.5	584.7
52°	639.2	648.1	652.8	636.6	626.6	610.9	607.2	585.8	559.1	537.6	523.0
53°	558.6	566.9	561.7	558.0	549.1	536.1	534.0	516.2	493.1	475.3	463.8
54°	484.8	492.1	497.3	485.3	477.4	466.4	465.9	451.2	431.9	416.7	408.3
55°	418.8	425.6	430.3	420.4	413.6	404.1	404.1	392.1	375.9	363.3	357.0
57.5°	286.3	291.1	295.2	287.9	283.2	277.4	278.5	271.2	260.2	252.3	248.7
60°	189.0	192.6	195.3	190.6	187.9	184.3	185.3	180.6	176.9	168.6	167.0
61°	157.6	161.2	163.9	159.7	160.7	153.9	155.5	151.3	148.1	144.5	140.3
62°	130.3	133.5	135.6	131.9	133.0	127.2	128.8	125.6	123.0	119.4	116.2
63°	106.3	108.9	111.0	110.5	108.9	104.2	105.2	102.6	100.5	97.9	95.3
64°	86.4	88.5	90.0	90.0	88.5	84.3	85.3	82.7	81.7	79.0	77.0
65°	69.1	70.7	71.7	71.7	70.7	67.5	68.1	66.5	64.9	63.3	61.8
66°	54.4	56.0	57.1	57.1	56.0	53.4	53.9	52.3	51.3	49.7	48.7



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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°	8.9	9.4	9.4	9.4	9.4	8.9	8.9	8.9	8.4	8.4	7.9
75°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.2	4.2	4.2	4.2
77.5°	3.1	3.1	3.1	3.1	3.1	2.6	2.6	2.6	2.6	2.6	2.6
80°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.6	1.6	1.6	1.6
82.5°	1.0	1.6	1.6	1.6	1.6	1.0	1.0	1.0	1.6	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°	249.2	249.2	249.2	249.2	249.2	249.2	249.2	249.2	249.2	249.2	249.2
2.5°	312.5	309.9	309.4	305.7	300.0	303.1	296.3	296.3	293.7	292.6	287.9
5°	391.0	385.8	382.7	375.3	369.6	367.5	356.5	353.4	347.1	342.4	334.0
7.5°	486.3	476.4	469.0	457.5	446.5	441.3	424.6	416.7	406.2	396.8	383.7
10°	591.5	576.4	564.3	547.0	530.3	519.8	496.8	480.0	467.0	451.8	433.5
12.5°	710.4	688.9	670.6	646.0	622.4	606.2	575.3	551.2	531.9	510.4	485.8
15°	837.6	808.8	783.7	750.7	715.1	695.7	657.0	625.0	598.9	570.1	537.6
17.5°	961.1	924.5	891.0	850.1	807.7	775.3	732.9	692.6	658.6	620.9	583.7
20°	1071.6	1027.1	985.7	937.0	888.4	848.1	797.8	749.6	708.3	664.8	620.9
22.5°	1163.7	1111.9	1063.2	1008.2	952.8	906.2	848.6	794.1	746.5	697.8	647.6
25°	1236.5	1178.9	1124.5	1063.2	1002.5	950.7	886.8	826.6	774.2	720.8	666.4
26°	1259.5	1199.3	1142.8	1077.3	1017.1	963.2	897.8	835.5	781.6	727.1	671.1
27°	1277.3	1215.0	1156.4	1090.4	1028.1	972.6	905.1	841.8	785.8	730.3	673.2
28°	1289.4	1225.5	1164.8	1097.8	1034.4	977.4	908.8	843.9	786.8	730.8	672.7
29°	1297.2	1231.2	1169.0	1101.9	1037.0	978.4	908.8	842.8	785.2	728.2	669.5
30°	1298.8	1231.8	1168.4	1100.4	1034.4	975.3	904.6	838.1	779.5	722.4	663.3
31°	1296.2	1227.1	1162.7	1095.1	1028.7	967.9	897.3	830.8	772.7	714.6	654.9
32°	1288.3	1218.7	1153.8	1085.7	1018.7	958.0	887.3	819.8	761.7	704.1	644.4
33°	1277.8	1206.6	1141.2	1073.2	1006.7	945.4	874.8	807.7	749.6	691.5	632.4
34°	1263.2	1191.5	1125.5	1058.5	991.5	930.2	859.6	793.1	735.0	677.4	618.8
35°	1243.3	1171.0	1105.6	1039.7	972.6	911.9	841.8	775.8	718.8	661.7	603.6
36°	1220.3	1149.1	1083.1	1017.7	951.2	891.0	822.4	757.0	700.4	643.9	586.8
37°	1194.6	1123.4	1058.5	994.1	928.7	869.0	801.5	737.1	681.6	625.6	569.6
38°	1164.8	1094.1	1030.2	967.4	903.0	844.4	778.4	715.1	660.6	605.7	550.7
39°	1130.2	1061.1	998.3	937.6	874.8	817.2	752.8	691.0	637.6	584.2	530.3
40°	1093.0	1026.0	964.8	905.6	844.4	788.4	725.6	665.9	614.1	561.7	509.4
42.5°	991.5	928.7	872.1	819.3	762.7	710.9	654.4	599.4	551.2	503.1	454.9
45°	880.0	822.9	772.1	725.6	674.3	628.2	577.4	527.7	484.2	440.3	397.3
47.5°	753.8	703.6	659.6	620.3	575.8	535.5	492.1	449.2	410.9	372.7	335.0
50°	612.0	571.1	536.6	505.2	469.6	436.6	401.5	366.4	335.0	302.6	271.2
51°	553.9	517.2	485.8	459.1	426.1	396.8	365.4	333.5	304.7	275.4	246.0
52°	496.3	464.3	437.1	413.6	384.8	358.6	330.3	301.5	275.4	248.7	221.4
53°	441.3	413.6	390.0	370.1	345.0	321.9	296.8	271.7	247.6	223.5	198.9
54°	389.5	365.9	346.0	329.3	307.3	286.9	265.4	242.9	221.4	198.9	176.4
55°	341.3	321.4	304.7	290.5	271.7	253.9	235.6	215.7	196.3	175.9	158.6
57.5°	239.2	226.1	215.2	206.3	193.7	184.8	169.1	155.5	143.4	125.6	112.6
60°	161.2	152.3	145.5	140.3	131.9	127.2	116.2	106.3	98.4	85.3	75.9
61°	135.6	128.3	122.5	118.3	111.5	107.3	97.9	90.0	82.7	71.7	63.3
62°	112.6	106.3	104.2	98.4	92.7	89.5	81.7	74.9	69.1	59.2	52.3
63°	92.1	86.9	85.3	80.6	75.9	73.8	67.0	61.8	56.5	48.2	42.9
64°	74.3	70.1	69.1	65.4	61.8	59.7	54.4	49.7	45.5	38.7	34.6
65°	59.2	57.6	55.0	52.3	49.2	47.6	43.4	39.8	36.1	30.9	27.7
66°	46.6	45.5	42.9	40.8	38.2	37.2	33.5	30.9	28.3	24.1	22.0



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
72.5°	7.3	7.3	6.8	6.8	5.8	5.8	5.2	4.7	4.7	4.2	4.2
75°	3.7	3.7	3.7	3.7	3.1	3.1	3.1	3.1	2.6	2.6	2.6
77.5°	2.6	2.6	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
80°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
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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CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	249.2	249.2	249.2	249.2	249.2	249.2	249.2	249.2	249.2	249.2	249.2
2.5°	286.3	281.6	279.5	278.0	274.8	272.2	268.6	266.5	261.7	262.3	256.5
5°	328.8	320.4	315.1	309.4	303.1	297.3	290.0	284.8	276.9	274.3	265.4
7.5°	373.8	360.7	351.8	341.3	331.4	321.4	309.9	301.0	290.5	283.7	271.7
10°	418.3	402.0	385.8	370.6	356.0	341.8	326.1	314.1	299.4	289.5	274.8
12.5°	464.3	440.3	420.4	400.5	380.6	362.3	342.4	325.6	306.8	294.2	276.4
15°	509.9	479.5	454.4	428.7	404.1	380.6	356.5	336.1	314.1	297.9	276.9
17.5°	549.7	513.5	482.7	450.7	422.5	394.7	365.9	342.4	317.2	298.4	275.4
20°	580.6	539.2	503.6	467.0	434.5	402.6	371.2	345.0	317.2	296.3	271.2
22.5°	602.0	557.0	517.2	477.4	441.3	407.3	372.7	345.0	315.7	293.2	268.0
25°	616.7	569.0	526.1	483.7	445.5	409.4	373.8	344.5	314.6	292.1	265.9
26°	619.8	571.1	527.7	484.2	445.5	408.8	372.7	343.4	313.6	291.1	264.9
27°	620.9	571.7	527.2	483.7	444.4	407.3	371.2	341.8	311.5	289.0	263.3
28°	619.3	570.1	525.1	481.1	441.8	404.1	368.0	338.7	308.3	286.3	260.2
29°	615.6	565.9	520.9	476.9	437.6	399.4	363.3	334.5	304.1	282.2	256.5
30°	609.3	559.6	514.6	470.1	430.8	393.1	357.0	328.2	298.4	276.4	250.8
31°	601.0	551.8	506.7	462.2	423.0	385.8	349.7	321.4	291.6	270.1	244.5
32°	590.5	542.9	496.8	452.8	413.6	376.9	341.3	313.0	283.7	262.3	237.1
33°	578.5	531.9	485.8	442.3	404.1	367.5	331.9	304.1	275.9	254.4	229.8
34°	565.4	519.8	473.8	431.4	393.1	357.0	322.5	295.2	267.0	246.0	222.5
35°	550.7	506.2	460.7	418.3	381.6	346.0	312.0	285.3	257.6	237.1	214.1
36°	535.0	491.6	446.5	406.8	369.1	334.0	301.5	274.8	247.6	227.7	205.2
37°	518.8	476.4	432.4	393.7	356.5	322.5	290.5	264.4	238.2	218.8	196.8
38°	501.0	460.1	416.7	379.5	342.9	309.9	278.5	253.4	228.2	209.4	187.9
39°	482.1	440.8	400.5	364.3	328.8	296.8	266.5	242.4	217.2	199.4	178.5
40°	462.8	422.5	383.7	348.6	314.1	283.7	253.9	230.3	206.8	189.0	169.1
42.5°	412.5	375.9	339.7	308.3	275.9	248.1	220.9	199.4	178.0	162.3	144.5
45°	359.1	326.7	293.7	265.4	236.1	211.0	186.9	167.5	148.1	135.1	119.9
47.5°	304.7	273.3	244.5	219.3	195.8	171.7	151.3	134.5	118.8	108.4	97.4
50°	242.9	219.9	194.7	173.8	151.8	134.0	116.7	104.7	93.2	86.4	78.0
51°	219.9	198.4	175.4	156.0	135.6	119.4	104.7	94.2	84.3	78.5	71.2
52°	200.5	178.0	156.5	138.7	122.0	106.3	93.7	84.8	76.4	71.2	64.4
53°	176.9	159.1	139.2	123.0	107.8	94.2	83.8	75.9	68.6	64.4	58.6
54°	157.0	140.8	122.5	107.8	95.3	83.8	74.3	68.1	61.8	57.6	52.9
55°	138.2	125.6	106.8	94.2	83.8	73.8	66.5	60.7	55.0	51.8	47.1
57.5°	96.8	85.9	74.3	67.0	60.2	53.9	48.7	44.5	40.8	38.7	35.1
60°	64.4	57.6	50.8	46.1	41.9	38.2	34.6	31.4	28.8	27.7	25.1
61°	53.9	48.7	42.9	39.8	36.1	32.5	29.3	27.2	25.1	24.1	22.0
62°	46.1	40.8	36.1	33.5	30.4	27.7	25.1	23.0	21.5	20.4	18.8
63°	37.7	34.0	30.4	28.3	25.7	23.0	21.5	19.4	18.3	17.3	15.7
64°	30.9	27.7	25.1	23.0	21.5	18.8	17.8	16.2	14.7	14.7	13.1
65°	25.1	22.5	20.4	18.8	17.3	15.7	14.7	13.1	12.0	11.5	10.5
66°	19.9	17.8	16.2	15.2	13.6	12.6	11.5	10.5	9.4	9.4	8.4



TEST NUMBER: P175541

CATALOG NUMBER: LDA6A20935D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
72.5°	3.7	3.7	3.7	3.1	3.1	3.1	3.1	2.6	2.6	2.6	2.6
75°	2.6	2.6	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
77.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
80°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
82.5°	1.0	1.0	1.0	1.0	1.0	1.6	1.6	1.6	1.6	1.6	1.6
85°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.6	1.6
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: P175541

CATALOG NUMBER: LDA6A20935D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
0°	249.2	249.2	249.2	249.2	249.2	249.2	249.2	249.2
2.5°	254.9	253.9	247.6	245.5	224.1	205.7	198.4	193.7
5°	261.2	257.0	248.1	243.9	203.6	174.8	161.8	156.0
7.5°	264.9	257.6	245.5	239.2	183.7	149.2	133.0	127.2
10°	264.4	254.9	240.8	231.9	165.4	128.3	112.0	106.3
12.5°	263.8	251.8	235.6	224.6	150.2	113.1	96.3	91.1
15°	262.3	247.6	229.8	217.2	137.2	100.5	85.3	80.6
17.5°	258.1	242.4	222.5	208.9	126.2	91.1	78.0	73.3
20°	252.8	235.6	215.7	201.5	119.4	87.4	76.4	73.3
22.5°	248.7	230.9	211.0	197.4	121.4	98.4	97.9	100.0
25°	247.1	229.8	209.9	197.4	131.9	118.8	125.6	129.3
26°	246.0	229.3	209.9	197.4	135.1	124.1	130.3	134.5
27°	244.5	227.7	208.9	196.3	136.6	126.7	132.4	135.6
28°	241.9	225.1	206.3	194.7	136.6	126.7	131.4	134.0
29°	238.2	222.0	203.1	191.6	135.1	124.6	128.3	130.3
30°	233.0	216.7	198.4	186.9	131.4	121.4	123.5	125.1
31°	226.7	211.0	192.6	181.7	127.7	117.3	118.8	119.9
32°	219.9	204.2	186.4	175.9	123.0	112.6	113.6	114.1
33°	212.5	197.4	180.1	169.6	118.8	108.4	108.4	108.9
34°	205.2	190.0	174.3	163.3	114.6	104.7	103.7	104.2
35°	197.9	182.7	167.5	157.0	110.5	100.5	99.5	99.5
36°	189.5	174.8	160.2	150.2	106.3	97.4	95.3	95.3
37°	181.7	167.5	153.4	143.4	101.6	93.7	91.6	91.1
38°	173.3	159.7	146.1	136.6	97.4	90.0	87.9	87.4
39°	164.9	151.8	138.7	129.8	93.2	86.4	84.8	83.8
40°	156.0	143.4	131.4	122.5	89.0	82.2	81.1	80.1
42.5°	133.0	122.0	112.0	105.7	78.5	72.2	70.7	71.2
45°	110.5	102.1	94.2	90.0	68.1	62.3	60.7	60.7
47.5°	90.6	84.3	79.0	74.9	57.1	51.8	50.3	48.2
50°	73.3	68.6	64.4	61.8	47.1	41.9	38.7	36.6
51°	67.0	62.8	59.2	56.5	42.9	37.7	34.0	31.9
52°	60.7	57.1	53.9	51.8	38.7	33.5	29.8	27.7
53°	55.0	51.8	49.2	47.1	35.1	29.8	26.2	24.1
54°	49.7	46.6	44.5	42.4	31.4	26.2	22.0	20.4
55°	45.0	41.9	40.3	38.2	27.7	22.5	18.3	17.3
57.5°	33.5	31.4	30.4	28.8	20.4	14.7	11.0	9.4
60°	24.1	22.5	22.0	20.9	13.1	7.9	5.8	4.7
61°	20.9	19.9	18.8	17.8	10.5	6.3	4.7	4.2
62°	17.8	16.8	15.7	15.2	8.4	5.2	4.2	3.7
63°	14.7	14.1	13.1	12.6	6.8	4.2	3.7	3.1
64°	12.0	11.5	10.5	9.9	5.8	3.7	3.1	2.6
65°	9.9	9.4	8.4	7.9	4.7	3.1	2.6	2.1
66°	7.9	7.3	6.8	6.3	4.2	3.1	2.1	2.1



TEST NUMBER: P175541

CATALOG NUMBER: LDA6A20935D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
72.5°	2.6	2.6	2.1	2.1	2.1	2.1	2.1	1.6
75°	2.1	2.1	2.1	2.1	2.1	2.1	1.6	1.6
77.5°	1.6	1.6	1.6	1.6	2.1	1.6	1.6	1.6
80°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.0
82.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.0
85°	1.6	1.6	1.6	1.6	1.6	1.6	1.0	1.0
87.5°	1.0	1.6	1.6	1.6	1.6	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°	37.7	38.7	39.3	39.3	38.7	36.6	37.2	36.1	35.1	34.0	33.0
70°	18.8	19.4	19.9	19.9	19.4	18.3	18.8	18.3	17.8	17.3	16.2





67.5°	31.9	30.9	29.3	27.7	25.7	25.1	22.5	20.4	18.8	16.2	15.2
70°	15.7	15.2	14.1	13.1	12.6	12.0	10.5	9.9	8.9	7.9	7.3





67.5°	13.6	12.0	11.0	10.5	9.4	8.9	8.4	7.3	6.8	6.8	6.3
70°	6.8	6.3	5.8	5.8	5.2	4.7	4.7	4.2	4.2	4.2	3.7





67.5°	5.8	5.8	5.2	4.7	3.1	2.6	2.1	2.1
70°	3.7	3.7	3.1	3.1	2.6	2.1	2.1	1.6



(END OF REPORT)