

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: P175537

Luminaire Tested: **LDA6A20835D010TE LAR35FL 6LLWW1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P175537
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: LDA6A20835D010TE LAR35FL 6LLWW1
Description: PORTFOLIO 6" Lensed Wall Wash, Self-flanged, 35° Flood Optic, at 30° tilt
Light Source: (1) HIGH LUMEN LED 80CRI / 3500K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1286.9 lumens
Efficiency: N/A
Efficacy: 44.2 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

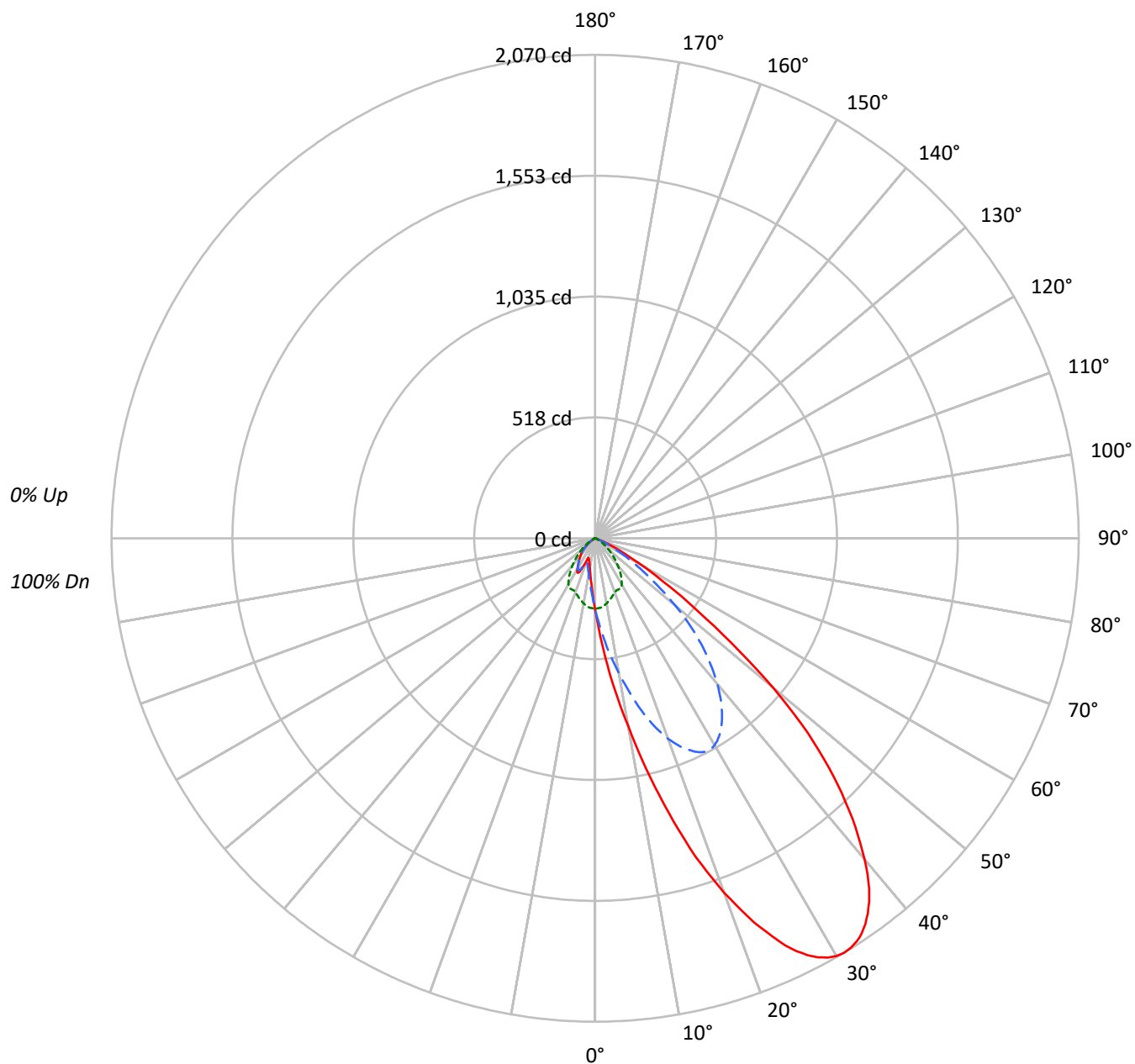
Input Watts (W): 29.12
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P175537

CATALOG NUMBER: LDA6A20835D010TE LAR35FL 6LLWW1

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	30	10	50	30	10
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°	16665	16665	16665
5°	28362	16377	10472
10°	45540	15748	7214
15°	69013	15040	5585
20°	94222	14345	5215
25°	116311	14565	9539
30°	130780	14433	9660
35°	134930	12822	8118
40°	128469	10691	6992
45°	112097	8513	5745
50°	84535	6430	3812
55°	48830	4454	2017
60°	25272	2796	625
65°	10935	1245	337
70°	3687	609	305
75°	1207	551	402
80°	821	600	410
85°	377	1195	818



TEST NUMBER: P175537

CATALOG NUMBER: LDA6A20835D010TE LAR35FL 6LLWW1

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.6	2.5
10°-20°	131.3	10.2
20°-30°	279.6	21.7
30°-40°	363.0	28.2
40°-50°	304.4	23.7
50°-60°	140.4	10.9
60°-70°	30.3	2.4
70°-80°	4.0	0.3
80°-90°	1.4	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°	443.5	34.5
0°-40°	806.5	62.7
0°-60°	1251.3	97.2
0°-90°	1286.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1286.9	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	304	304	304	304	304	
5°	515	431	298	213	190	59
15°	1216	762	265	123	98	357
25°	1923	1008	241	145	158	882
35°	2016	946	192	123	121	1245
45°	1446	644	110	76	74	1097
55°	511	263	47	28	21	486
65°	84	48	10	4	3	97
75°	6	4	3	3	2	9
85°	1	1	2	2	1	1
90°	0	0	0	0	0	



TEST NUMBER: P175537

CATALOG NUMBER: LDA6A20835D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	304.0	304.0	304.0	304.0	304.0	304.0	304.0	304.0	304.0	304.0	304.0
2.5°	393.4	387.7	392.8	392.8	389.6	387.0	391.5	385.7	388.9	383.2	383.2
5°	515.4	500.7	507.7	507.1	501.3	502.6	500.7	492.4	494.3	485.4	482.8
7.5°	658.4	643.1	650.8	648.9	640.6	639.9	636.7	623.3	623.3	609.9	602.9
10°	818.1	806.6	815.5	811.7	801.5	797.0	791.9	773.4	769.6	749.1	737.6
12.5°	1011.0	1005.2	995.6	989.3	984.8	977.8	968.8	944.5	935.6	908.1	890.3
15°	1216.0	1213.4	1202.6	1203.8	1186.6	1166.2	1171.3	1131.0	1115.7	1079.9	1055.7
17.5°	1428.6	1421.0	1410.8	1396.7	1387.8	1363.5	1352.6	1315.0	1292.6	1247.9	1217.9
20°	1615.1	1611.9	1603.0	1585.1	1571.7	1544.2	1527.0	1483.6	1452.3	1399.9	1363.5
22.5°	1781.2	1776.1	1767.8	1746.0	1730.1	1697.5	1675.8	1626.0	1587.7	1528.3	1484.2
25°	1922.9	1913.4	1906.3	1880.2	1862.9	1824.6	1799.0	1743.5	1698.1	1632.4	1581.3
26°	1967.0	1958.7	1952.3	1924.9	1906.3	1866.1	1839.3	1781.2	1732.6	1665.6	1611.3
27°	2003.4	1996.4	1991.3	1962.5	1942.7	1901.2	1871.8	1813.1	1761.4	1692.4	1636.2
28°	2032.1	2025.8	2020.7	1990.6	1970.2	1927.4	1896.1	1836.1	1781.8	1710.9	1653.4
29°	2053.2	2046.8	2043.0	2011.1	1990.6	1946.6	1914.0	1852.1	1795.9	1723.7	1664.3
30°	2066.0	2059.6	2055.8	2022.6	2002.1	1957.4	1922.3	1860.4	1801.6	1728.8	1668.1
31°	2070.5	2063.4	2060.9	2027.0	2005.3	1959.3	1924.2	1860.4	1800.3	1726.9	1664.9
32°	2066.6	2060.2	2058.3	2023.8	2001.5	1954.9	1919.1	1854.6	1793.3	1719.2	1656.0
33°	2057.7	2051.3	2050.0	2014.9	1992.6	1944.7	1909.5	1843.7	1781.2	1706.4	1643.2
34°	2041.1	2034.7	2034.7	1998.9	1975.9	1928.0	1892.9	1827.1	1762.6	1688.6	1624.7
35°	2016.2	2013.6	2011.1	1974.7	1951.7	1903.8	1868.7	1802.2	1737.7	1664.3	1599.1
36°	1985.5	1983.6	1981.1	1944.7	1921.0	1873.1	1839.3	1772.9	1707.7	1634.9	1570.4
37°	1949.1	1947.8	1945.9	1909.5	1885.9	1838.6	1804.2	1739.0	1673.9	1601.7	1537.2
38°	1905.1	1905.1	1903.1	1866.7	1843.1	1796.5	1763.3	1698.1	1633.6	1562.7	1499.5
39°	1852.7	1854.0	1852.7	1816.3	1792.7	1746.7	1714.7	1651.5	1587.0	1518.0	1461.2
40°	1795.2	1797.1	1796.5	1760.7	1737.1	1692.4	1661.7	1599.8	1542.3	1468.9	1413.9
42.5°	1632.4	1635.6	1636.2	1602.3	1580.0	1538.5	1511.0	1454.2	1394.1	1332.8	1283.0
45°	1445.9	1451.6	1452.9	1422.2	1401.8	1364.1	1341.1	1290.0	1245.3	1182.1	1138.7
47.5°	1237.0	1245.3	1248.5	1220.4	1200.6	1168.1	1150.8	1107.4	1068.4	1011.6	975.2
50°	991.2	1000.7	993.1	981.6	965.0	939.4	929.2	894.1	852.6	816.2	790.6
51°	884.5	894.7	900.5	878.1	864.1	841.1	833.4	803.4	766.4	735.1	713.4
52°	779.8	790.6	796.4	776.6	764.4	745.3	740.8	714.6	682.1	655.9	638.0
53°	681.4	691.6	685.3	680.8	669.9	654.0	651.4	629.7	601.6	579.9	565.8
54°	591.4	600.3	606.7	592.0	582.4	569.0	568.4	550.5	526.9	508.4	498.1
55°	510.9	519.2	525.0	512.8	504.5	493.0	493.0	478.3	458.5	443.2	435.6
57.5°	349.3	355.1	360.2	351.3	345.5	338.5	339.8	330.8	317.4	307.8	303.4
60°	230.5	235.0	238.2	232.5	229.3	224.8	226.1	220.3	215.9	205.6	203.7
61°	192.2	196.7	199.9	194.8	196.1	187.8	189.7	184.6	180.7	176.3	171.2
62°	159.0	162.9	165.4	160.9	162.2	155.2	157.1	153.3	150.1	145.6	141.8
63°	129.6	132.8	135.4	134.8	132.8	127.1	128.4	125.2	122.6	119.4	116.2
64°	105.4	107.9	109.8	109.8	107.9	102.8	104.1	100.9	99.6	96.4	93.9
65°	84.3	86.2	87.5	87.5	86.2	82.4	83.0	81.1	79.2	77.3	75.4
66°	66.4	68.3	69.6	69.6	68.3	65.1	65.8	63.9	62.6	60.7	59.4



TEST NUMBER: P175537

CATALOG NUMBER: LDA6A20835D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
72.5°	10.9	11.5	11.5	11.5	11.5	10.9	10.9	10.9	10.2	10.2	9.6
75°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.1	5.1	5.1	5.1
77.5°	3.8	3.8	3.8	3.8	3.8	3.2	3.2	3.2	3.2	3.2	3.2
80°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.9	1.9	1.9	1.9
82.5°	1.3	1.9	1.9	1.9	1.9	1.3	1.3	1.3	1.9	1.3	1.3
85°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6	0.6
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: LDA6A20835D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	304.0	304.0	304.0	304.0	304.0	304.0	304.0	304.0	304.0	304.0	304.0
2.5°	381.3	378.1	377.4	373.0	365.9	369.8	361.5	361.5	358.3	357.0	351.3
5°	477.1	470.7	466.8	457.9	450.9	448.3	434.9	431.1	423.4	417.7	407.5
7.5°	593.3	581.2	572.2	558.2	544.8	538.4	517.9	508.4	495.6	484.1	468.1
10°	721.7	703.1	688.5	667.4	646.9	634.2	606.1	585.6	569.7	551.1	528.8
12.5°	866.6	840.4	818.1	788.1	759.3	739.5	701.9	672.5	648.9	622.7	592.7
15°	1021.8	986.7	956.0	915.8	872.4	848.8	801.5	762.5	730.6	695.5	655.9
17.5°	1172.5	1127.8	1087.0	1037.1	985.4	945.8	894.1	844.9	803.4	757.4	712.1
20°	1307.3	1253.0	1202.6	1143.2	1083.8	1034.6	973.3	914.5	864.1	811.1	757.4
22.5°	1419.7	1356.5	1297.1	1230.0	1162.3	1105.5	1035.2	968.8	910.7	851.3	790.0
25°	1508.5	1438.2	1371.8	1297.1	1223.0	1159.8	1081.9	1008.4	944.5	879.4	813.0
26°	1536.6	1463.1	1394.1	1314.3	1240.9	1175.1	1095.3	1019.3	953.5	887.1	818.7
27°	1558.3	1482.3	1410.8	1330.3	1254.3	1186.6	1104.2	1026.9	958.6	890.9	821.3
28°	1573.0	1495.1	1421.0	1339.2	1261.9	1192.3	1108.7	1029.5	959.9	891.5	820.7
29°	1582.5	1502.1	1426.1	1344.3	1265.1	1193.6	1108.7	1028.2	958.0	888.3	816.8
30°	1584.5	1502.7	1425.4	1342.4	1261.9	1189.8	1103.6	1022.5	950.9	881.3	809.2
31°	1581.3	1497.0	1418.4	1336.0	1254.9	1180.8	1094.6	1013.5	942.6	871.7	798.9
32°	1571.7	1486.7	1407.6	1324.5	1242.8	1168.7	1082.5	1000.1	929.2	859.0	786.2
33°	1558.9	1472.1	1392.2	1309.2	1228.1	1153.4	1067.2	985.4	914.5	843.6	771.5
34°	1541.0	1453.5	1373.1	1291.3	1209.6	1134.9	1048.6	967.5	896.6	826.4	754.9
35°	1516.8	1428.6	1348.8	1268.3	1186.6	1112.5	1026.9	946.5	876.9	807.2	736.3
36°	1488.7	1401.8	1321.3	1241.5	1160.4	1087.0	1003.3	923.5	854.5	785.5	715.9
37°	1457.4	1370.5	1291.3	1212.8	1132.9	1060.1	977.8	899.2	831.5	763.2	694.8
38°	1421.0	1334.8	1256.8	1180.2	1101.7	1030.1	949.7	872.4	806.0	738.9	671.8
39°	1378.8	1294.5	1217.9	1143.8	1067.2	996.9	918.4	843.0	777.9	712.7	646.9
40°	1333.5	1251.7	1177.0	1104.8	1030.1	961.8	885.2	812.3	749.1	685.3	621.4
42.5°	1209.6	1132.9	1064.0	999.5	930.5	867.3	798.3	731.2	672.5	613.7	555.0
45°	1073.6	1003.9	942.0	885.2	822.6	766.4	704.4	643.7	590.7	537.1	484.7
47.5°	919.6	858.3	804.7	756.8	702.5	653.3	600.3	548.0	501.3	454.7	408.7
50°	746.6	696.8	654.6	616.3	572.9	532.6	489.8	447.0	408.7	369.1	330.8
51°	675.7	631.0	592.7	560.1	519.9	484.1	445.8	406.8	371.7	335.9	300.2
52°	605.4	566.5	533.3	504.5	469.4	437.5	403.0	367.9	335.9	303.4	270.1
53°	538.4	504.5	475.8	451.5	420.9	392.8	362.1	331.5	302.1	272.7	242.7
54°	475.1	446.4	422.1	401.7	374.9	350.0	323.8	296.3	270.1	242.7	215.2
55°	416.4	392.1	371.7	354.4	331.5	309.7	287.4	263.1	239.5	214.6	193.5
57.5°	291.9	275.9	262.5	251.6	236.3	225.4	206.3	189.7	175.0	153.3	137.3
60°	196.7	185.8	177.5	171.2	160.9	155.2	141.8	129.6	120.1	104.1	92.6
61°	165.4	156.5	149.4	144.3	136.0	130.9	119.4	109.8	100.9	87.5	77.3
62°	137.3	129.6	127.1	120.1	113.0	109.2	99.6	91.3	84.3	72.2	63.9
63°	112.4	106.0	104.1	98.4	92.6	90.0	81.7	75.4	69.0	58.8	52.4
64°	90.7	85.6	84.3	79.8	75.4	72.8	66.4	60.7	55.6	47.3	42.2
65°	72.2	70.3	67.1	63.9	60.0	58.1	53.0	48.5	44.1	37.7	33.8
66°	56.8	55.6	52.4	49.8	46.6	45.3	40.9	37.7	34.5	29.4	26.8



TEST NUMBER: P175537

CATALOG NUMBER: LDA6A20835D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
72.5°	8.9	8.9	8.3	8.3	7.0	7.0	6.4	5.7	5.7	5.1	5.1
75°	4.5	4.5	4.5	4.5	3.8	3.8	3.8	3.8	3.2	3.2	3.2
77.5°	3.2	3.2	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
80°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
82.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
85°	0.6	0.6	0.6	0.6	0.6	1.3	1.3	1.3	1.3	1.3	1.3
87.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	1.3	1.3	1.3
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: P175537

CATALOG NUMBER: LDA6A20835D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	304.0	304.0	304.0	304.0	304.0	304.0	304.0	304.0	304.0	304.0	304.0
2.5°	349.3	343.6	341.0	339.1	335.3	332.1	327.6	325.1	319.3	320.0	312.9
5°	401.1	390.8	384.5	377.4	369.8	362.7	353.8	347.4	337.8	334.6	323.8
7.5°	456.0	440.0	429.2	416.4	404.3	392.1	378.1	367.2	354.4	346.1	331.5
10°	510.3	490.5	470.7	452.2	434.3	417.0	397.9	383.2	365.3	353.2	335.3
12.5°	566.5	537.1	512.8	488.6	464.3	441.9	417.7	397.2	374.2	358.9	337.2
15°	622.0	585.0	554.3	523.0	493.0	464.3	434.9	410.0	383.2	363.4	337.8
17.5°	670.6	626.5	588.8	549.9	515.4	481.5	446.4	417.7	387.0	364.0	335.9
20°	708.2	657.8	614.4	569.7	530.1	491.1	452.8	420.9	387.0	361.5	330.8
22.5°	734.4	679.5	631.0	582.4	538.4	496.9	454.7	420.9	385.1	357.6	327.0
25°	752.3	694.2	641.8	590.1	543.5	499.4	456.0	420.2	383.8	356.4	324.4
26°	756.1	696.8	643.7	590.7	543.5	498.8	454.7	418.9	382.5	355.1	323.2
27°	757.4	697.4	643.1	590.1	542.2	496.9	452.8	417.0	380.0	352.5	321.2
28°	755.5	695.5	640.6	586.9	539.0	493.0	449.0	413.2	376.2	349.3	317.4
29°	751.0	690.4	635.4	581.8	533.9	487.3	443.2	408.1	371.0	344.2	312.9
30°	743.4	682.7	627.8	573.5	525.6	479.6	435.6	400.4	364.0	337.2	305.9
31°	733.2	673.1	618.2	563.9	516.0	470.7	426.6	392.1	355.7	329.5	298.2
32°	720.4	662.3	606.1	552.4	504.5	459.8	416.4	381.9	346.1	320.0	289.3
33°	705.7	648.9	592.7	539.6	493.0	448.3	404.9	371.0	336.6	310.4	280.4
34°	689.7	634.2	578.0	526.2	479.6	435.6	393.4	360.2	325.7	300.2	271.4
35°	671.8	617.6	562.0	510.3	465.6	422.1	380.6	348.1	314.2	289.3	261.2
36°	652.7	599.7	544.8	496.2	450.2	407.5	367.9	335.3	302.1	277.8	250.3
37°	632.9	581.2	527.5	480.3	434.9	393.4	354.4	322.5	290.6	267.0	240.1
38°	611.2	561.4	508.4	463.0	418.3	378.1	339.8	309.1	278.4	255.5	229.3
39°	588.2	537.7	488.6	444.5	401.1	362.1	325.1	295.7	265.0	243.3	217.8
40°	564.6	515.4	468.1	425.3	383.2	346.1	309.7	281.0	252.3	230.5	206.3
42.5°	503.2	458.5	414.5	376.2	336.6	302.7	269.5	243.3	217.1	198.0	176.3
45°	438.1	398.5	358.3	323.8	288.0	257.4	228.0	204.4	180.7	164.8	146.2
47.5°	371.7	333.4	298.2	267.6	238.9	209.5	184.6	164.1	145.0	132.2	118.8
50°	296.3	268.2	237.6	212.0	185.2	163.5	142.4	127.7	113.7	105.4	95.2
51°	268.2	242.0	213.9	190.3	165.4	145.6	127.7	115.0	102.8	95.8	86.9
52°	244.6	217.1	191.0	169.2	148.8	129.6	114.3	103.5	93.2	86.9	78.6
53°	215.9	194.1	169.9	150.1	131.6	115.0	102.2	92.6	83.7	78.6	71.5
54°	191.6	171.8	149.4	131.6	116.2	102.2	90.7	83.0	75.4	70.3	64.5
55°	168.6	153.3	130.3	115.0	102.2	90.0	81.1	74.1	67.1	63.2	57.5
57.5°	118.1	104.7	90.7	81.7	73.4	65.8	59.4	54.3	49.8	47.3	42.8
60°	78.6	70.3	61.9	56.2	51.1	46.6	42.2	38.3	35.1	33.8	30.7
61°	65.8	59.4	52.4	48.5	44.1	39.6	35.8	33.2	30.7	29.4	26.8
62°	56.2	49.8	44.1	40.9	37.0	33.8	30.7	28.1	26.2	24.9	23.0
63°	46.0	41.5	37.0	34.5	31.3	28.1	26.2	23.6	22.4	21.1	19.2
64°	37.7	33.8	30.7	28.1	26.2	23.0	21.7	19.8	17.9	17.9	16.0
65°	30.7	27.5	24.9	23.0	21.1	19.2	17.9	16.0	14.7	14.1	12.8
66°	24.3	21.7	19.8	18.5	16.6	15.3	14.1	12.8	11.5	11.5	10.2



TEST NUMBER: P175537

CATALOG NUMBER: LDA6A20835D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
72.5°	4.5	4.5	4.5	3.8	3.8	3.8	3.8	3.2	3.2	3.2	3.2
75°	3.2	3.2	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
77.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
80°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
82.5°	1.3	1.3	1.3	1.3	1.3	1.9	1.9	1.9	1.9	1.9	1.9
85°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.9	1.9
87.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
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: P175537

CATALOG NUMBER: LDA6A20835D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
0°	304.0	304.0	304.0	304.0	304.0	304.0	304.0	304.0
2.5°	311.0	309.7	302.1	299.5	273.3	251.0	242.0	236.3
5°	318.7	313.6	302.7	297.6	248.4	213.3	197.3	190.3
7.5°	323.2	314.2	299.5	291.9	224.2	182.0	162.2	155.2
10°	322.5	311.0	293.8	282.9	201.8	156.5	136.7	129.6
12.5°	321.9	307.2	287.4	274.0	183.3	137.9	117.5	111.1
15°	320.0	302.1	280.4	265.0	167.3	122.6	104.1	98.4
17.5°	314.8	295.7	271.4	254.8	153.9	111.1	95.2	89.4
20°	308.5	287.4	263.1	245.9	145.6	106.7	93.2	89.4
22.5°	303.4	281.6	257.4	240.8	148.2	120.1	119.4	122.0
25°	301.4	280.4	256.1	240.8	160.9	145.0	153.3	157.7
26°	300.2	279.7	256.1	240.8	164.8	151.4	159.0	164.1
27°	298.2	277.8	254.8	239.5	166.7	154.6	161.6	165.4
28°	295.1	274.6	251.6	237.6	166.7	154.6	160.3	163.5
29°	290.6	270.8	247.8	233.7	164.8	152.0	156.5	159.0
30°	284.2	264.4	242.0	228.0	160.3	148.2	150.7	152.6
31°	276.5	257.4	235.0	221.6	155.8	143.1	145.0	146.2
32°	268.2	249.1	227.4	214.6	150.1	137.3	138.6	139.2
33°	259.3	240.8	219.7	206.9	145.0	132.2	132.2	132.8
34°	250.3	231.8	212.7	199.3	139.9	127.7	126.5	127.1
35°	241.4	222.9	204.4	191.6	134.8	122.6	121.3	121.3
36°	231.2	213.3	195.4	183.3	129.6	118.8	116.2	116.2
37°	221.6	204.4	187.1	175.0	123.9	114.3	111.8	111.1
38°	211.4	194.8	178.2	166.7	118.8	109.8	107.3	106.7
39°	201.2	185.2	169.2	158.4	113.7	105.4	103.5	102.2
40°	190.3	175.0	160.3	149.4	108.6	100.3	99.0	97.7
42.5°	162.2	148.8	136.7	129.0	95.8	88.1	86.2	86.9
45°	134.8	124.5	115.0	109.8	83.0	76.0	74.1	74.1
47.5°	110.5	102.8	96.4	91.3	69.6	63.2	61.3	58.8
50°	89.4	83.7	78.6	75.4	57.5	51.1	47.3	44.7
51°	81.7	76.6	72.2	69.0	52.4	46.0	41.5	39.0
52°	74.1	69.6	65.8	63.2	47.3	40.9	36.4	33.8
53°	67.1	63.2	60.0	57.5	42.8	36.4	31.9	29.4
54°	60.7	56.8	54.3	51.7	38.3	31.9	26.8	24.9
55°	54.9	51.1	49.2	46.6	33.8	27.5	22.4	21.1
57.5°	40.9	38.3	37.0	35.1	24.9	17.9	13.4	11.5
60°	29.4	27.5	26.8	25.5	16.0	9.6	7.0	5.7
61°	25.5	24.3	23.0	21.7	12.8	7.7	5.7	5.1
62°	21.7	20.4	19.2	18.5	10.2	6.4	5.1	4.5
63°	17.9	17.2	16.0	15.3	8.3	5.1	4.5	3.8
64°	14.7	14.1	12.8	12.1	7.0	4.5	3.8	3.2
65°	12.1	11.5	10.2	9.6	5.7	3.8	3.2	2.6
66°	9.6	8.9	8.3	7.7	5.1	3.8	2.6	2.6



TEST NUMBER: P175537

CATALOG NUMBER: LDA6A20835D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
72.5°	3.2	3.2	2.6	2.6	2.6	2.6	2.6	1.9
75°	2.6	2.6	2.6	2.6	2.6	2.6	1.9	1.9
77.5°	1.9	1.9	1.9	1.9	2.6	1.9	1.9	1.9
80°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.3
82.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.3
85°	1.9	1.9	1.9	1.9	1.9	1.9	1.3	1.3
87.5°	1.3	1.9	1.9	1.9	1.9	1.3	0.6	0.6
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°	46.0	47.3	47.9	47.9	47.3	44.7	45.3	44.1	42.8	41.5	40.2
70°	23.0	23.6	24.3	24.3	23.6	22.4	23.0	22.4	21.7	21.1	19.8





67.5°	39.0	37.7	35.8	33.8	31.3	30.7	27.5	24.9	23.0	19.8	18.5
70°	19.2	18.5	17.2	16.0	15.3	14.7	12.8	12.1	10.9	9.6	8.9





67.5°	16.6	14.7	13.4	12.8	11.5	10.9	10.2	8.9	8.3	8.3	7.7
70°	8.3	7.7	7.0	7.0	6.4	5.7	5.7	5.1	5.1	5.1	4.5





67.5°	7.0	7.0	6.4	5.7	3.8	3.2	2.6	2.6
70°	4.5	4.5	3.8	3.8	3.2	2.6	2.6	1.9



(END OF REPORT)