

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: P175535

Luminaire Tested: **LDA6A20827D010TE LAR35FL 6LLWW1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P175535
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: LDA6A20827D010TE LAR35FL 6LLWW1
Description: PORTFOLIO 6" Lensed Wall Wash, Self-flanged, 35° Flood Optic, at 30° tilt
Light Source: (1) HIGH LUMEN LED 80CRI / 2700K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1130.7 lumens
Efficiency: N/A
Efficacy: 38.8 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

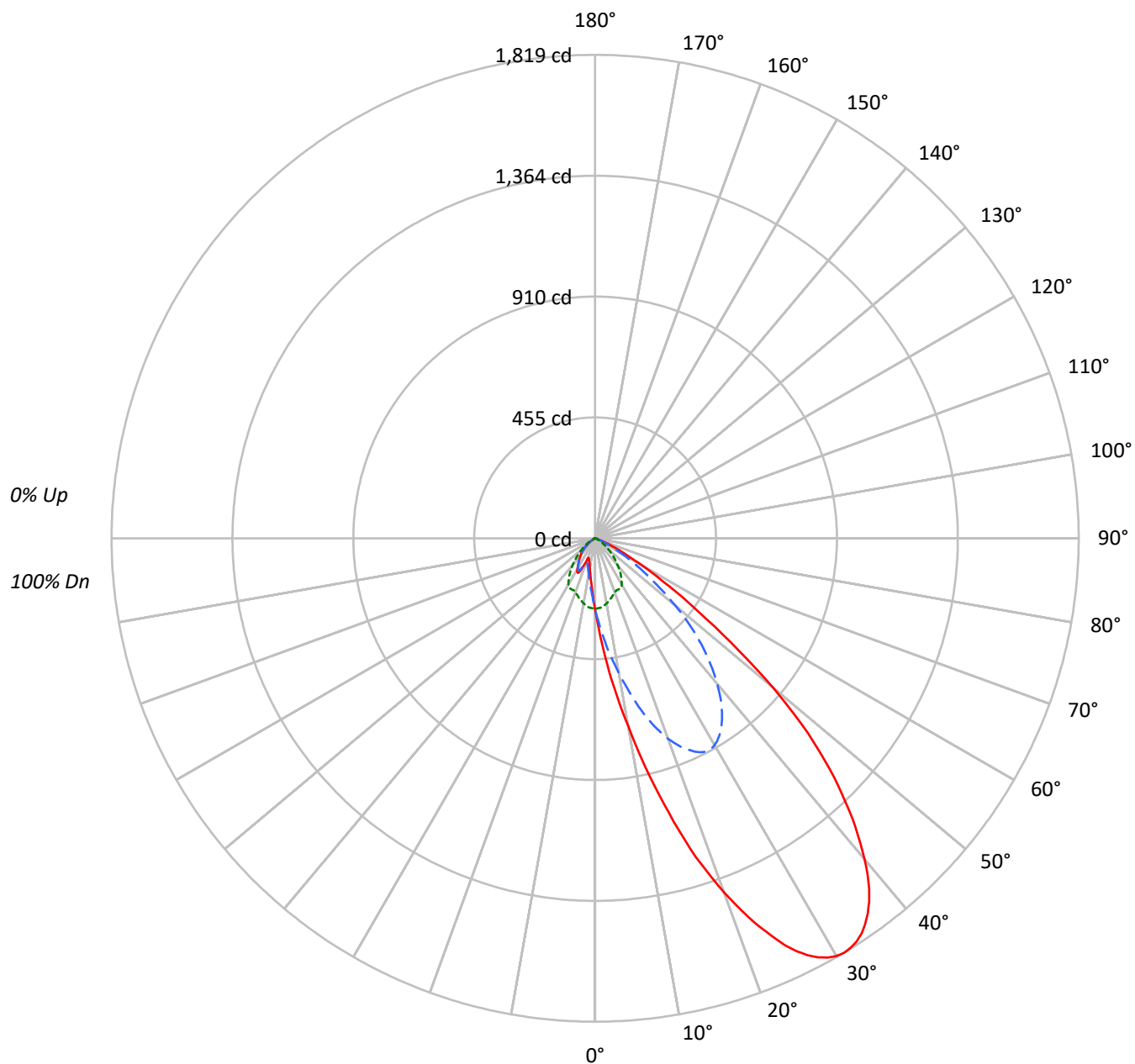
Input Watts (W): 29.12
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P175535

CATALOG NUMBER: LDA6A20827D010TE LAR35FL 6LLWW1

Luminous Intensity Polar Plot





TEST NUMBER: P175535

CATALOG NUMBER: LDA6A20827D010TE LAR35FL 6LLWW1

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°	14642	14642	14642
5°	24917	14390	9201
10°	40013	13839	6340
15°	60636	13218	4904
20°	82788	12601	4585
25°	102199	12799	8384
30°	114910	12679	8489
35°	118554	11263	7134
40°	112883	9396	6147
45°	98491	7481	5047
50°	74275	5646	3352
55°	42904	3919	1768
60°	22213	2456	559
65°	9612	1090	285
70°	3238	545	272
75°	1080	466	360
80°	695	537	347
85°	377	1069	692



TEST NUMBER: P175535

CATALOG NUMBER: LDA6A20827D010TE LAR35FL 6LLWW1

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.7	2.5
10°-20°	115.3	10.2
20°-30°	245.7	21.7
30°-40°	318.9	28.2
40°-50°	267.5	23.7
50°-60°	123.3	10.9
60°-70°	26.6	2.4
70°-80°	3.5	0.3
80°-90°	1.2	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°	389.7	34.5
0°-40°	708.6	62.7
0°-60°	1099.4	97.2
0°-90°	1130.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1130.7	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	267	267	267	267	267	
5°	453	379	262	187	167	51
15°	1068	670	233	108	86	314
25°	1690	886	212	127	139	775
35°	1772	832	168	108	107	1094
45°	1270	566	96	67	65	964
55°	449	231	41	24	18	427
65°	74	43	8	3	2	85
75°	5	3	2	2	2	8
85°	1	1	2	2	1	1
90°	0	0	0	0	0	



TEST NUMBER: P175535

CATALOG NUMBER: LDA6A20827D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	267.1	267.1	267.1	267.1	267.1	267.1	267.1	267.1	267.1	267.1	267.1
2.5°	345.7	340.6	345.1	345.1	342.3	340.1	344.0	338.9	341.7	336.7	336.7
5°	452.8	439.9	446.1	445.6	440.5	441.6	439.9	432.6	434.3	426.5	424.2
7.5°	578.5	565.1	571.8	570.1	562.8	562.3	559.5	547.7	547.7	535.9	529.7
10°	718.8	708.7	716.6	713.2	704.2	700.3	695.8	679.5	676.2	658.2	648.1
12.5°	888.3	883.2	874.8	869.2	865.3	859.1	851.3	829.9	822.1	798.0	782.2
15°	1068.4	1066.2	1056.6	1057.8	1042.6	1024.7	1029.1	993.8	980.3	948.9	927.6
17.5°	1255.3	1248.6	1239.6	1227.2	1219.4	1198.0	1188.5	1155.4	1135.8	1096.5	1070.1
20°	1419.1	1416.3	1408.5	1392.8	1381.0	1356.9	1341.7	1303.5	1276.0	1230.0	1198.0
22.5°	1565.0	1560.6	1553.3	1534.2	1520.1	1491.5	1472.4	1428.7	1395.0	1342.8	1304.1
25°	1689.6	1681.2	1675.0	1652.0	1636.9	1603.2	1580.8	1531.9	1492.1	1434.3	1389.4
26°	1728.3	1721.0	1715.4	1691.3	1675.0	1639.7	1616.1	1565.0	1522.4	1463.5	1415.8
27°	1760.3	1754.1	1749.7	1724.4	1707.0	1670.5	1644.7	1593.1	1547.6	1487.0	1437.7
28°	1785.6	1780.0	1775.5	1749.1	1731.1	1693.5	1666.0	1613.3	1565.6	1503.3	1452.8
29°	1804.1	1798.5	1795.1	1767.1	1749.1	1710.4	1681.8	1627.3	1577.9	1514.5	1462.3
30°	1815.3	1809.7	1806.3	1777.2	1759.2	1719.9	1689.1	1634.6	1583.0	1519.0	1465.7
31°	1819.2	1813.1	1810.8	1781.1	1762.0	1721.6	1690.7	1634.6	1581.9	1517.3	1462.9
32°	1815.9	1810.3	1808.6	1778.3	1758.6	1717.7	1686.2	1629.6	1575.7	1510.6	1455.1
33°	1808.0	1802.4	1801.3	1770.4	1750.8	1708.7	1677.8	1620.0	1565.0	1499.4	1443.8
34°	1793.4	1787.8	1787.8	1756.4	1736.2	1694.1	1663.2	1605.4	1548.8	1483.7	1427.6
35°	1771.5	1769.3	1767.1	1735.1	1714.9	1672.8	1641.9	1583.6	1526.9	1462.3	1405.1
36°	1744.6	1742.9	1740.7	1708.7	1687.9	1645.8	1616.1	1557.7	1500.5	1436.5	1379.9
37°	1712.6	1711.5	1709.8	1677.8	1657.1	1615.5	1585.2	1528.0	1470.8	1407.4	1350.7
38°	1673.9	1673.9	1672.2	1640.2	1619.5	1578.5	1549.3	1492.1	1435.4	1373.1	1317.6
39°	1627.9	1629.0	1627.9	1595.9	1575.1	1534.7	1506.7	1451.1	1394.5	1333.8	1283.9
40°	1577.4	1579.1	1578.5	1547.1	1526.3	1487.0	1460.1	1405.7	1355.2	1290.6	1242.4
42.5°	1434.3	1437.1	1437.7	1407.9	1388.3	1351.8	1327.7	1277.7	1225.0	1171.1	1127.3
45°	1270.4	1275.5	1276.6	1249.7	1231.7	1198.6	1178.4	1133.5	1094.2	1038.7	1000.5
47.5°	1086.9	1094.2	1097.0	1072.4	1055.0	1026.3	1011.2	973.0	938.8	888.9	856.9
50°	870.9	879.3	872.6	862.5	847.9	825.4	816.5	785.6	749.1	717.1	694.7
51°	777.2	786.2	791.2	771.6	759.2	739.0	732.3	705.9	673.4	645.9	626.8
52°	685.2	694.7	699.8	682.4	671.7	654.9	650.9	627.9	599.3	576.3	560.6
53°	598.7	607.7	602.1	598.2	588.6	574.6	572.4	553.3	528.6	509.5	497.2
54°	519.6	527.5	533.1	520.2	511.8	500.0	499.4	483.7	462.9	446.7	437.7
55°	448.9	456.2	461.3	450.6	443.3	433.2	433.2	420.3	402.9	389.4	382.7
57.5°	306.9	312.0	316.5	308.6	303.6	297.4	298.5	290.7	278.9	270.5	266.5
60°	202.6	206.5	209.3	204.3	201.5	197.5	198.6	193.6	189.7	180.7	179.0
61°	168.9	172.8	175.6	171.1	172.3	165.0	166.7	162.2	158.8	154.9	150.4
62°	139.7	143.1	145.3	141.4	142.5	136.4	138.0	134.7	131.9	127.9	124.6
63°	113.9	116.7	119.0	118.4	116.7	111.7	112.8	110.0	107.7	104.9	102.1
64°	92.6	94.8	96.5	96.5	94.8	90.3	91.5	88.7	87.5	84.7	82.5
65°	74.1	75.8	76.9	76.9	75.8	72.4	72.9	71.3	69.6	67.9	66.2
66°	58.4	60.0	61.2	61.2	60.0	57.2	57.8	56.1	55.0	53.3	52.2



TEST NUMBER: P175535

CATALOG NUMBER: LDA6A20827D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
72.5°	9.5	10.1	10.1	10.1	10.1	9.5	9.5	9.5	9.0	9.0	8.4
75°	5.1	5.1	5.1	5.1	5.1	5.1	5.1	4.5	4.5	4.5	4.5
77.5°	3.4	3.4	3.4	3.4	3.4	2.8	2.8	2.8	2.8	2.8	2.8
80°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.7	1.7	1.7	1.7
82.5°	1.1	1.7	1.7	1.7	1.7	1.1	1.1	1.1	1.7	1.1	1.1
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



TEST NUMBER: P175535

CATALOG NUMBER: LDA6A20827D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	267.1	267.1	267.1	267.1	267.1	267.1	267.1	267.1	267.1	267.1	267.1
2.5°	335.0	332.2	331.6	327.7	321.5	324.9	317.6	317.6	314.8	313.7	308.6
5°	419.2	413.6	410.2	402.3	396.2	393.9	382.1	378.8	372.0	367.0	358.0
7.5°	521.3	510.6	502.8	490.4	478.7	473.0	455.1	446.7	435.5	425.3	411.3
10°	634.1	617.8	604.9	586.4	568.4	557.2	532.5	514.6	500.5	484.3	464.6
12.5°	761.5	738.5	718.8	692.5	667.2	649.8	616.7	590.9	570.1	547.1	520.7
15°	897.8	867.0	840.0	804.7	766.5	745.8	704.2	670.0	642.0	611.1	576.3
17.5°	1030.3	991.0	955.1	911.3	865.8	831.1	785.6	742.4	705.9	665.5	625.7
20°	1148.7	1101.0	1056.6	1004.5	952.3	909.1	855.2	803.6	759.2	712.7	665.5
22.5°	1247.4	1191.9	1139.7	1080.8	1021.3	971.3	909.6	851.3	800.2	748.0	694.1
25°	1325.4	1263.7	1205.3	1139.7	1074.6	1019.0	950.6	886.1	829.9	772.7	714.3
26°	1350.1	1285.6	1225.0	1154.8	1090.3	1032.5	962.4	895.6	837.8	779.4	719.4
27°	1369.2	1302.4	1239.6	1168.9	1102.1	1042.6	970.2	902.3	842.3	782.8	721.6
28°	1382.1	1313.6	1248.6	1176.7	1108.8	1047.7	974.2	904.6	843.4	783.4	721.1
29°	1390.5	1319.8	1253.0	1181.2	1111.6	1048.8	974.2	903.4	841.7	780.6	717.7
30°	1392.2	1320.4	1252.5	1179.5	1108.8	1045.4	969.7	898.4	835.5	774.4	711.0
31°	1389.4	1315.3	1246.3	1173.9	1102.7	1037.6	961.8	890.5	828.3	766.0	702.0
32°	1381.0	1306.4	1236.8	1163.8	1092.0	1026.9	951.1	878.8	816.5	754.7	690.8
33°	1369.8	1293.4	1223.3	1150.4	1079.1	1013.4	937.7	865.8	803.6	741.3	677.9
34°	1354.0	1277.2	1206.5	1134.6	1062.8	997.2	921.4	850.1	787.9	726.1	663.3
35°	1332.7	1255.3	1185.1	1114.4	1042.6	977.5	902.3	831.6	770.5	709.3	647.0
36°	1308.0	1231.7	1161.0	1090.9	1019.6	955.1	881.6	811.4	750.8	690.2	629.0
37°	1280.5	1204.2	1134.6	1065.6	995.5	931.5	859.1	790.1	730.6	670.6	610.5
38°	1248.6	1172.8	1104.3	1037.0	968.0	905.1	834.4	766.5	708.2	649.2	590.3
39°	1211.5	1137.4	1070.1	1005.0	937.7	876.0	806.9	740.7	683.5	626.2	568.4
40°	1171.7	1099.8	1034.2	970.8	905.1	845.1	777.7	713.8	658.2	602.1	546.0
42.5°	1062.8	995.5	934.9	878.2	817.6	762.0	701.4	642.5	590.9	539.3	487.6
45°	943.3	882.1	827.7	777.7	722.8	673.4	618.9	565.6	519.1	471.9	425.9
47.5°	808.1	754.2	707.0	665.0	617.3	574.1	527.5	481.5	440.5	399.5	359.1
50°	656.0	612.2	575.2	541.5	503.3	468.0	430.4	392.8	359.1	324.3	290.7
51°	593.7	554.4	520.7	492.1	456.8	425.3	391.7	357.5	326.6	295.2	263.7
52°	532.0	497.7	468.6	443.3	412.4	384.4	354.1	323.2	295.2	266.5	237.4
53°	473.0	443.3	418.1	396.7	369.8	345.1	318.2	291.2	265.4	239.6	213.2
54°	417.5	392.2	370.9	353.0	329.4	307.5	284.5	260.4	237.4	213.2	189.1
55°	365.9	344.5	326.6	311.4	291.2	272.2	252.5	231.2	210.4	188.5	170.0
57.5°	256.4	242.4	230.6	221.1	207.6	198.1	181.3	166.7	153.8	134.7	120.6
60°	172.8	163.3	156.0	150.4	141.4	136.4	124.6	113.9	105.5	91.5	81.4
61°	145.3	137.5	131.3	126.8	119.5	115.0	104.9	96.5	88.7	76.9	67.9
62°	120.6	113.9	111.7	105.5	99.3	96.0	87.5	80.2	74.1	63.4	56.1
63°	98.8	93.2	91.5	86.4	81.4	79.1	71.8	66.2	60.6	51.6	46.0
64°	79.7	75.2	74.1	70.1	66.2	64.0	58.4	53.3	48.8	41.5	37.0
65°	63.4	61.7	58.9	56.1	52.7	51.1	46.6	42.6	38.7	33.1	29.7
66°	49.9	48.8	46.0	43.8	41.0	39.8	35.9	33.1	30.3	25.8	23.6



TEST NUMBER: P175535

CATALOG NUMBER: LDA6A20827D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
72.5°	7.9	7.9	7.3	7.3	6.2	6.2	5.6	5.1	5.1	4.5	4.5
75°	3.9	3.9	3.9	3.9	3.4	3.4	3.4	3.4	2.8	2.8	2.8
77.5°	2.8	2.8	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
80°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
82.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
85°	0.6	0.6	0.6	0.6	0.6	1.1	1.1	1.1	1.1	1.1	1.1
87.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	1.1	1.1	1.1
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: P175535

CATALOG NUMBER: LDA6A20827D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	267.1	267.1	267.1	267.1	267.1	267.1	267.1	267.1	267.1	267.1	267.1
2.5°	306.9	301.9	299.7	298.0	294.6	291.8	287.9	285.6	280.6	281.1	275.0
5°	352.4	343.4	337.8	331.6	324.9	318.7	310.9	305.3	296.8	294.0	284.5
7.5°	400.7	386.6	377.1	365.9	355.2	344.5	332.2	322.7	311.4	304.1	291.2
10°	448.4	431.0	413.6	397.3	381.6	366.4	349.6	336.7	321.0	310.3	294.6
12.5°	497.7	471.9	450.6	429.3	408.0	388.3	367.0	349.0	328.8	315.4	296.3
15°	546.6	514.0	487.1	459.6	433.2	408.0	382.1	360.3	336.7	319.3	296.8
17.5°	589.2	550.5	517.4	483.1	452.8	423.1	392.2	367.0	340.1	319.9	295.2
20°	622.3	578.0	539.8	500.5	465.8	431.5	397.9	369.8	340.1	317.6	290.7
22.5°	645.3	597.1	554.4	511.8	473.0	436.6	399.5	369.8	338.4	314.2	287.3
25°	661.0	610.0	564.0	518.5	477.5	438.8	400.7	369.2	337.2	313.1	285.1
26°	664.4	612.2	565.6	519.1	477.5	438.3	399.5	368.1	336.1	312.0	283.9
27°	665.5	612.8	565.1	518.5	476.4	436.6	397.9	366.4	333.9	309.8	282.3
28°	663.8	611.1	562.8	515.7	473.6	433.2	394.5	363.1	330.5	306.9	278.9
29°	659.9	606.6	558.3	511.2	469.1	428.2	389.4	358.6	326.0	302.5	275.0
30°	653.2	599.9	551.6	503.9	461.8	421.4	382.7	351.8	319.9	296.3	268.8
31°	644.2	591.4	543.2	495.5	453.4	413.6	374.8	344.5	312.6	289.6	262.1
32°	633.0	581.9	532.5	485.4	443.3	404.0	365.9	335.6	304.1	281.1	254.2
33°	620.1	570.1	520.7	474.2	433.2	393.9	355.8	326.0	295.7	272.7	246.3
34°	606.0	557.2	507.8	462.4	421.4	382.7	345.7	316.5	286.2	263.7	238.5
35°	590.3	542.6	493.8	448.4	409.1	370.9	334.4	305.8	276.1	254.2	229.5
36°	573.5	526.9	478.7	436.0	395.6	358.0	323.2	294.6	265.4	244.1	220.0
37°	556.1	510.6	463.5	422.0	382.1	345.7	311.4	283.4	255.3	234.6	211.0
38°	537.0	493.2	446.7	406.8	367.6	332.2	298.5	271.6	244.7	224.5	201.5
39°	516.8	472.5	429.3	390.6	352.4	318.2	285.6	259.8	232.9	213.8	191.4
40°	496.1	452.8	411.3	373.7	336.7	304.1	272.2	246.9	221.7	202.6	181.3
42.5°	442.2	402.9	364.2	330.5	295.7	266.0	236.8	213.8	190.8	174.0	154.9
45°	384.9	350.2	314.8	284.5	253.1	226.1	200.3	179.6	158.8	144.8	128.5
47.5°	326.6	292.9	262.1	235.1	209.9	184.1	162.2	144.2	127.4	116.2	104.4
50°	260.4	235.7	208.7	186.3	162.7	143.7	125.1	112.2	99.9	92.6	83.6
51°	235.7	212.7	188.0	167.2	145.3	127.9	112.2	101.0	90.3	84.2	76.3
52°	214.9	190.8	167.8	148.7	130.7	113.9	100.4	90.9	81.9	76.3	69.0
53°	189.7	170.6	149.3	131.9	115.6	101.0	89.8	81.4	73.5	69.0	62.8
54°	168.3	150.9	131.3	115.6	102.1	89.8	79.7	72.9	66.2	61.7	56.7
55°	148.1	134.7	114.5	101.0	89.8	79.1	71.3	65.1	58.9	55.6	50.5
57.5°	103.8	92.0	79.7	71.8	64.5	57.8	52.2	47.7	43.8	41.5	37.6
60°	69.0	61.7	54.4	49.4	44.9	41.0	37.0	33.7	30.9	29.7	26.9
61°	57.8	52.2	46.0	42.6	38.7	34.8	31.4	29.2	26.9	25.8	23.6
62°	49.4	43.8	38.7	35.9	32.5	29.7	26.9	24.7	23.0	21.9	20.2
63°	40.4	36.5	32.5	30.3	27.5	24.7	23.0	20.8	19.6	18.5	16.8
64°	33.1	29.7	26.9	24.7	23.0	20.2	19.1	17.4	15.7	15.7	14.0
65°	26.9	24.1	21.9	20.2	18.5	16.8	15.7	14.0	12.9	12.3	11.2
66°	21.3	19.1	17.4	16.3	14.6	13.5	12.3	11.2	10.1	10.1	9.0



TEST NUMBER: P175535

CATALOG NUMBER: LDA6A20827D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
72.5°	3.9	3.9	3.9	3.4	3.4	3.4	3.4	2.8	2.8	2.8	2.8
75°	2.8	2.8	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
77.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
80°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
82.5°	1.1	1.1	1.1	1.1	1.1	1.7	1.7	1.7	1.7	1.7	1.7
85°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.7	1.7
87.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
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: P175535

CATALOG NUMBER: LDA6A20827D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
0°	267.1	267.1	267.1	267.1	267.1	267.1	267.1	267.1
2.5°	273.3	272.2	265.4	263.2	240.2	220.5	212.7	207.6
5°	280.0	275.5	266.0	261.5	218.3	187.4	173.4	167.2
7.5°	283.9	276.1	263.2	256.4	197.0	159.9	142.5	136.4
10°	283.4	273.3	258.1	248.6	177.3	137.5	120.1	113.9
12.5°	282.8	269.9	252.5	240.7	161.0	121.2	103.3	97.6
15°	281.1	265.4	246.3	232.9	147.0	107.7	91.5	86.4
17.5°	276.6	259.8	238.5	223.9	135.2	97.6	83.6	78.6
20°	271.0	252.5	231.2	216.0	127.9	93.7	81.9	78.6
22.5°	266.5	247.5	226.1	211.6	130.2	105.5	104.9	107.2
25°	264.9	246.3	225.0	211.6	141.4	127.4	134.7	138.6
26°	263.7	245.8	225.0	211.6	144.8	133.0	139.7	144.2
27°	262.1	244.1	223.9	210.4	146.5	135.8	142.0	145.3
28°	259.2	241.3	221.1	208.7	146.5	135.8	140.8	143.7
29°	255.3	237.9	217.7	205.4	144.8	133.6	137.5	139.7
30°	249.7	232.3	212.7	200.3	140.8	130.2	132.4	134.1
31°	243.0	226.1	206.5	194.7	136.9	125.7	127.4	128.5
32°	235.7	218.8	199.8	188.5	131.9	120.6	121.8	122.3
33°	227.8	211.6	193.0	181.8	127.4	116.2	116.2	116.7
34°	220.0	203.7	186.9	175.1	122.9	112.2	111.1	111.7
35°	212.1	195.8	179.6	168.3	118.4	107.7	106.6	106.6
36°	203.1	187.4	171.7	161.0	113.9	104.4	102.1	102.1
37°	194.7	179.6	164.4	153.8	108.9	100.4	98.2	97.6
38°	185.7	171.1	156.6	146.5	104.4	96.5	94.3	93.7
39°	176.8	162.7	148.7	139.2	99.9	92.6	90.9	89.8
40°	167.2	153.8	140.8	131.3	95.4	88.1	87.0	85.9
42.5°	142.5	130.7	120.1	113.4	84.2	77.4	75.8	76.3
45°	118.4	109.4	101.0	96.5	72.9	66.8	65.1	65.1
47.5°	97.1	90.3	84.7	80.2	61.2	55.6	53.9	51.6
50°	78.6	73.5	69.0	66.2	50.5	44.9	41.5	39.3
51°	71.8	67.3	63.4	60.6	46.0	40.4	36.5	34.2
52°	65.1	61.2	57.8	55.6	41.5	35.9	32.0	29.7
53°	58.9	55.6	52.7	50.5	37.6	32.0	28.1	25.8
54°	53.3	49.9	47.7	45.5	33.7	28.1	23.6	21.9
55°	48.3	44.9	43.2	41.0	29.7	24.1	19.6	18.5
57.5°	35.9	33.7	32.5	30.9	21.9	15.7	11.8	10.1
60°	25.8	24.1	23.6	22.4	14.0	8.4	6.2	5.1
61°	22.4	21.3	20.2	19.1	11.2	6.7	5.1	4.5
62°	19.1	18.0	16.8	16.3	9.0	5.6	4.5	3.9
63°	15.7	15.2	14.0	13.5	7.3	4.5	3.9	3.4
64°	12.9	12.3	11.2	10.7	6.2	3.9	3.4	2.8
65°	10.7	10.1	9.0	8.4	5.1	3.4	2.8	2.2
66°	8.4	7.9	7.3	6.7	4.5	3.4	2.2	2.2



TEST NUMBER: P175535

CATALOG NUMBER: LDA6A20827D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
72.5°	2.8	2.8	2.2	2.2	2.2	2.2	2.2	1.7
75°	2.2	2.2	2.2	2.2	2.2	2.2	1.7	1.7
77.5°	1.7	1.7	1.7	1.7	2.2	1.7	1.7	1.7
80°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.1
82.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.1
85°	1.7	1.7	1.7	1.7	1.7	1.7	1.1	1.1
87.5°	1.1	1.7	1.7	1.7	1.7	1.1	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°	40.4	41.5	42.1	42.1	41.5	39.3	39.8	38.7	37.6	36.5	35.4
70°	20.2	20.8	21.3	21.3	20.8	19.6	20.2	19.6	19.1	18.5	17.4





67.5°	34.2	33.1	31.4	29.7	27.5	26.9	24.1	21.9	20.2	17.4	16.3
70°	16.8	16.3	15.2	14.0	13.5	12.9	11.2	10.7	9.5	8.4	7.9





67.5°	14.6	12.9	11.8	11.2	10.1	9.5	9.0	7.9	7.3	7.3	6.7
70°	7.3	6.7	6.2	6.2	5.6	5.1	5.1	4.5	4.5	4.5	3.9





67.5°	6.2	6.2	5.6	5.1	3.4	2.8	2.2	2.2
70°	3.9	3.9	3.4	3.4	2.8	2.2	2.2	1.7



(END OF REPORT)