

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: P175565

Luminaire Tested: **LDA6A30935D010TE LAR35FL 6LLWW1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P175565
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: LDA6A30935D010TE 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: 1651.8 lumens
Efficiency: N/A
Efficacy: 37.1 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

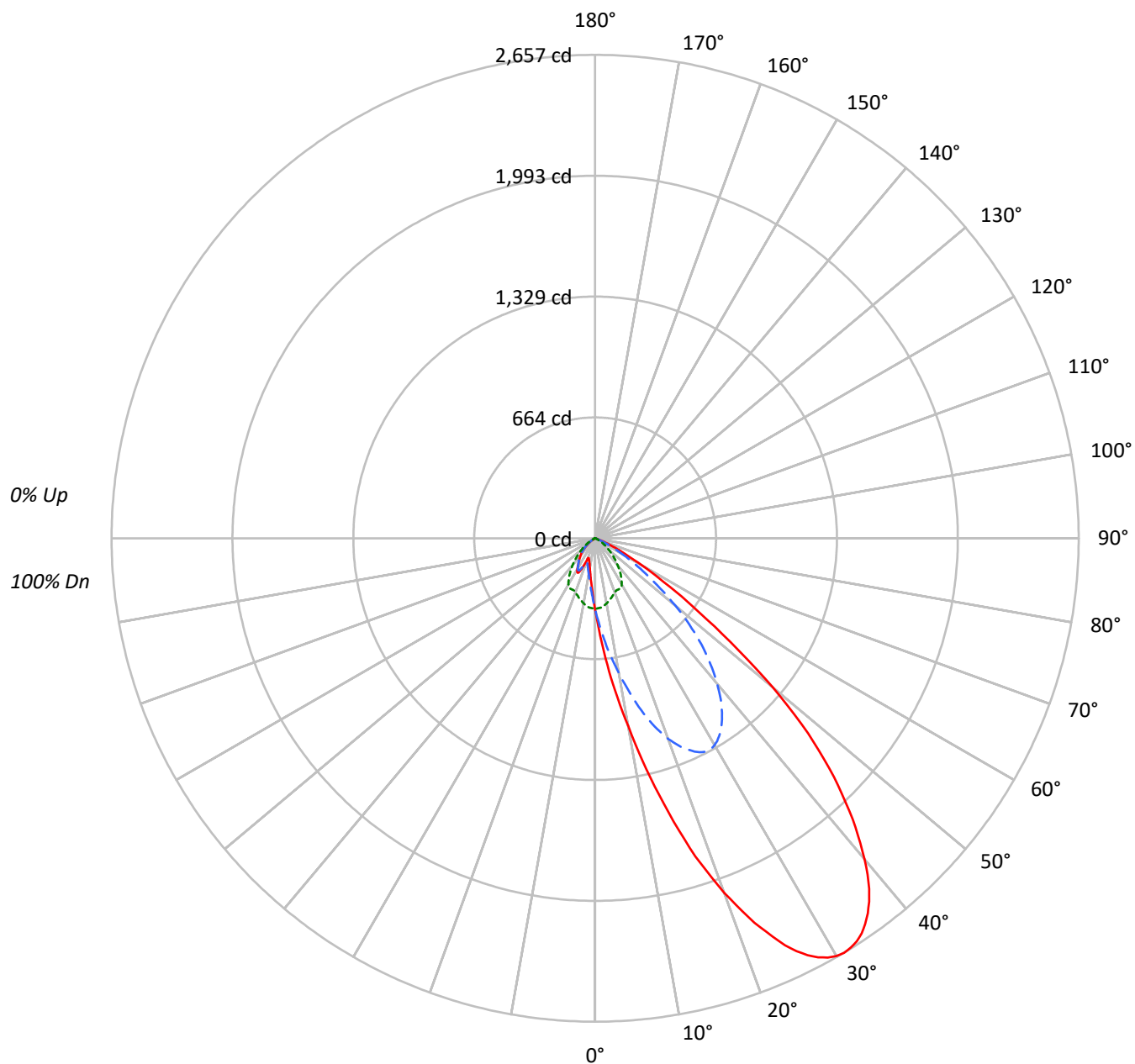
Input Watts (W): 44.49
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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°	21391	21391	21391
5°	36402	21021	13444
10°	58449	20212	9263
15°	88576	19308	7162
20°	120936	18412	6697
25°	149289	18691	12249
30°	167855	18522	12401
35°	173184	16456	10420
40°	164895	13726	8974
45°	143875	10931	7373
50°	108500	8247	4895
55°	62679	5715	2581
60°	32443	3596	811
65°	14035	1596	428
70°	4728	785	401
75°	1567	699	530
80°	1042	789	505
85°	503	1572	1006



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	41.9	2.5
10°-20°	168.5	10.2
20°-30°	358.9	21.7
30°-40°	465.9	28.2
40°-50°	390.7	23.7
50°-60°	180.2	10.9
60°-70°	38.9	2.4
70°-80°	5.1	0.3
80°-90°	1.8	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°	569.2	34.5
0°-40°	1035.1	62.7
0°-60°	1606.0	97.2
0°-90°	1651.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1651.8	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	390	390	390	390	390	
5°	662	553	382	274	244	75
15°	1561	979	340	157	126	458
25°	2468	1294	309	186	202	1133
35°	2588	1215	246	157	156	1598
45°	1856	826	141	98	95	1408
55°	656	338	60	35	27	623
65°	108	62	12	5	3	124
75°	7	5	3	3	2	11
85°	1	2	2	2	2	1
90°	0	0	0	0	0	



TEST NUMBER: P175565

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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	390.2	390.2	390.2	390.2	390.2	390.2	390.2	390.2	390.2	390.2	390.2
2.5°	504.9	497.6	504.1	504.1	500.0	496.7	502.5	495.1	499.2	491.8	491.8
5°	661.5	642.6	651.7	650.8	643.5	645.1	642.6	632.0	634.4	623.0	619.7
7.5°	845.1	825.4	835.3	832.8	822.2	821.3	817.2	800.0	800.0	782.8	773.8
10°	1050.0	1035.3	1046.7	1041.8	1028.7	1023.0	1016.4	992.6	987.7	961.5	946.7
12.5°	1297.6	1290.2	1277.9	1269.7	1264.0	1254.9	1243.5	1212.3	1200.8	1165.6	1142.6
15°	1560.7	1557.4	1543.5	1545.1	1523.0	1496.8	1503.3	1451.7	1432.0	1386.1	1355.0
17.5°	1833.6	1823.8	1810.7	1792.7	1781.2	1750.0	1736.1	1687.7	1659.1	1601.7	1563.2
20°	2073.0	2068.9	2057.4	2034.5	2017.3	1982.0	1959.9	1904.1	1864.0	1796.8	1750.0
22.5°	2286.1	2279.6	2268.9	2241.0	2220.5	2178.7	2150.9	2086.9	2037.8	1961.5	1905.0
25°	2468.1	2455.8	2446.8	2413.2	2391.0	2341.9	2309.1	2237.8	2179.6	2095.1	2029.6
26°	2524.6	2514.0	2505.8	2470.6	2446.8	2395.1	2360.7	2286.1	2223.8	2137.8	2068.1
27°	2571.4	2562.4	2555.8	2518.9	2493.5	2440.2	2402.5	2327.1	2260.7	2172.2	2100.0
28°	2608.3	2600.1	2593.5	2555.0	2528.7	2473.8	2433.7	2356.6	2286.9	2196.0	2122.2
29°	2635.3	2627.1	2622.2	2581.2	2555.0	2498.4	2456.6	2377.1	2305.0	2212.3	2136.1
30°	2651.7	2643.5	2638.6	2596.0	2569.7	2512.4	2467.3	2387.8	2312.3	2218.9	2141.0
31°	2657.4	2648.4	2645.1	2601.7	2573.8	2514.8	2469.7	2387.8	2310.7	2216.4	2136.9
32°	2652.5	2644.3	2641.9	2597.6	2568.9	2509.1	2463.2	2380.4	2301.7	2206.6	2125.5
33°	2641.0	2632.8	2631.2	2586.1	2557.4	2496.0	2450.9	2366.4	2286.1	2190.2	2109.1
34°	2619.7	2611.5	2611.5	2565.6	2536.1	2474.6	2429.6	2345.1	2262.3	2167.3	2085.3
35°	2587.8	2584.5	2581.2	2534.5	2505.0	2443.5	2398.4	2313.2	2230.4	2136.1	2052.5
36°	2548.4	2546.0	2542.7	2496.0	2465.6	2404.2	2360.7	2275.5	2191.9	2098.4	2015.6
37°	2501.7	2500.1	2497.6	2450.9	2420.5	2359.9	2315.6	2232.0	2148.4	2055.8	1973.0
38°	2445.1	2445.1	2442.7	2396.0	2365.6	2305.8	2263.2	2179.6	2096.8	2005.8	1924.6
39°	2377.9	2379.6	2377.9	2331.2	2300.9	2241.9	2200.9	2119.7	2036.9	1948.4	1875.5
40°	2304.2	2306.6	2305.8	2259.9	2229.6	2172.2	2132.8	2053.3	1979.6	1885.3	1814.8
42.5°	2095.1	2099.2	2100.0	2056.6	2027.9	1974.6	1939.4	1866.4	1789.4	1710.7	1646.8
45°	1855.8	1863.2	1864.8	1825.5	1799.2	1750.9	1721.4	1655.8	1598.4	1517.2	1461.5
47.5°	1587.7	1598.4	1602.5	1566.4	1541.0	1499.2	1477.1	1421.3	1371.3	1298.4	1251.7
50°	1272.2	1284.5	1274.6	1259.9	1238.6	1205.8	1192.7	1147.6	1094.3	1047.6	1014.8
51°	1135.3	1148.4	1155.8	1127.1	1109.0	1079.5	1069.7	1031.2	983.6	943.5	915.6
52°	1000.8	1014.8	1022.2	996.7	981.2	956.6	950.8	917.2	875.4	841.8	818.9
53°	874.6	887.7	879.5	873.8	859.9	839.4	836.1	808.2	772.1	744.3	726.2
54°	759.0	770.5	778.7	759.9	747.6	730.3	729.5	706.6	676.2	652.5	639.4
55°	655.8	666.4	673.8	658.2	647.6	632.8	632.8	613.9	588.5	568.9	559.0
57.5°	448.4	455.7	462.3	450.8	443.5	434.4	436.1	424.6	407.4	395.1	389.4
60°	295.9	301.6	305.7	298.4	294.3	288.5	290.2	282.8	277.1	263.9	261.5
61°	246.7	252.5	256.6	250.0	251.6	241.0	243.4	236.9	232.0	226.2	219.7
62°	204.1	209.0	212.3	206.6	208.2	199.2	201.6	196.7	192.6	186.9	182.0
63°	166.4	170.5	173.8	173.0	170.5	163.1	164.8	160.7	157.4	153.3	149.2
64°	135.2	138.5	141.0	141.0	138.5	132.0	133.6	129.5	127.9	123.8	120.5
65°	108.2	110.7	112.3	112.3	110.7	105.7	106.6	104.1	101.6	99.2	96.7
66°	85.2	87.7	89.3	89.3	87.7	83.6	84.4	82.0	80.3	77.9	76.2



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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°	13.9	14.8	14.8	14.8	14.8	13.9	13.9	13.9	13.1	13.1	12.3
75°	7.4	7.4	7.4	7.4	7.4	7.4	7.4	6.6	6.6	6.6	6.6
77.5°	4.9	4.9	4.9	4.9	4.9	4.1	4.1	4.1	4.1	4.1	4.1
80°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.5	2.5	2.5	2.5
82.5°	1.6	2.5	2.5	2.5	2.5	1.6	1.6	1.6	2.5	1.6	1.6
85°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	390.2	390.2	390.2	390.2	390.2	390.2	390.2	390.2	390.2	390.2	390.2
2.5°	489.4	485.3	484.4	478.7	469.7	474.6	463.9	463.9	459.8	458.2	450.8
5°	612.3	604.1	599.2	587.7	578.7	575.4	558.2	553.3	543.5	536.1	523.0
7.5°	761.5	745.9	734.4	716.4	699.2	691.0	664.8	652.5	636.1	621.3	600.8
10°	926.3	902.5	883.6	856.6	830.3	814.0	777.9	751.7	731.2	707.4	678.7
12.5°	1112.3	1078.7	1050.0	1011.5	974.6	949.2	900.8	863.1	832.8	799.2	760.7
15°	1311.5	1266.4	1227.1	1175.4	1119.7	1089.4	1028.7	978.7	937.7	892.6	841.8
17.5°	1505.0	1447.6	1395.1	1331.2	1264.8	1214.0	1147.6	1084.5	1031.2	972.2	914.0
20°	1677.9	1608.2	1543.5	1467.2	1391.0	1327.9	1249.2	1173.8	1109.0	1041.0	972.2
22.5°	1822.2	1741.0	1664.8	1578.7	1491.8	1418.9	1328.7	1243.5	1168.9	1092.6	1014.0
25°	1936.1	1845.9	1760.7	1664.8	1569.7	1488.6	1388.6	1294.3	1212.3	1128.7	1043.5
26°	1972.2	1877.9	1789.4	1686.9	1592.7	1508.2	1405.8	1308.2	1223.8	1138.6	1050.8
27°	2000.0	1902.5	1810.7	1707.4	1609.9	1523.0	1417.2	1318.1	1230.4	1143.5	1054.1
28°	2018.9	1918.9	1823.8	1718.9	1619.7	1530.4	1423.0	1321.3	1232.0	1144.3	1053.3
29°	2031.2	1927.9	1830.4	1725.5	1623.8	1532.0	1423.0	1319.7	1229.5	1140.2	1048.4
30°	2033.7	1928.7	1829.6	1723.0	1619.7	1527.1	1416.4	1312.3	1220.5	1131.2	1038.5
31°	2029.6	1921.4	1820.5	1714.8	1610.7	1515.6	1405.0	1300.9	1209.9	1118.9	1025.4
32°	2017.3	1908.2	1806.6	1700.0	1595.1	1500.0	1389.4	1283.6	1192.7	1102.5	1009.0
33°	2000.9	1889.4	1786.9	1680.4	1576.3	1480.4	1369.7	1264.8	1173.8	1082.8	990.2
34°	1977.9	1865.6	1762.3	1657.4	1552.5	1456.6	1345.9	1241.8	1150.8	1060.7	968.9
35°	1946.8	1833.6	1731.2	1627.9	1523.0	1427.9	1318.1	1214.8	1125.4	1036.1	945.1
36°	1910.7	1799.2	1695.9	1593.5	1489.4	1395.1	1287.7	1185.3	1096.7	1008.2	918.9
37°	1870.5	1759.1	1657.4	1556.6	1454.1	1360.7	1254.9	1154.1	1067.2	979.5	891.8
38°	1823.8	1713.2	1613.2	1514.8	1414.0	1322.2	1218.9	1119.7	1034.5	948.4	862.3
39°	1769.7	1661.5	1563.2	1468.1	1369.7	1279.5	1178.7	1082.0	998.4	914.8	830.3
40°	1711.5	1606.6	1510.7	1418.1	1322.2	1234.5	1136.1	1042.6	961.5	879.5	797.6
42.5°	1552.5	1454.1	1365.6	1282.8	1194.3	1113.1	1024.6	938.5	863.1	787.7	712.3
45°	1377.9	1288.6	1209.0	1136.1	1055.8	983.6	904.1	826.2	758.2	689.4	622.1
47.5°	1180.4	1101.7	1032.8	971.3	901.7	838.5	770.5	703.3	643.5	583.6	524.6
50°	958.2	894.3	840.2	791.0	735.3	683.6	628.7	573.8	524.6	473.8	424.6
51°	867.2	809.9	760.7	718.9	667.2	621.3	572.1	522.1	477.1	431.2	385.3
52°	777.1	727.1	684.4	647.6	602.5	561.5	517.2	472.1	431.2	389.4	346.7
53°	691.0	647.6	610.7	579.5	540.2	504.1	464.8	425.4	387.7	350.0	311.5
54°	609.9	573.0	541.8	515.6	481.2	449.2	415.6	380.3	346.7	311.5	276.2
55°	534.4	503.3	477.1	454.9	425.4	397.6	368.9	337.7	307.4	275.4	248.4
57.5°	374.6	354.1	336.9	323.0	303.3	289.4	264.8	243.4	224.6	196.7	176.2
60°	252.5	238.5	227.9	219.7	206.6	199.2	182.0	166.4	154.1	133.6	118.9
61°	212.3	200.8	191.8	185.3	174.6	168.0	153.3	141.0	129.5	112.3	99.2
62°	176.2	166.4	163.1	154.1	145.1	140.2	127.9	117.2	108.2	92.6	82.0
63°	144.3	136.1	133.6	126.2	118.9	115.6	104.9	96.7	88.5	75.4	67.2
64°	116.4	109.8	108.2	102.5	96.7	93.4	85.2	77.9	71.3	60.7	54.1
65°	92.6	90.2	86.1	82.0	77.1	74.6	68.0	62.3	56.6	48.4	43.4
66°	73.0	71.3	67.2	63.9	59.8	58.2	52.5	48.4	44.3	37.7	34.4



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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°	11.5	11.5	10.7	10.7	9.0	9.0	8.2	7.4	7.4	6.6	6.6
75°	5.7	5.7	5.7	5.7	4.9	4.9	4.9	4.9	4.1	4.1	4.1
77.5°	4.1	4.1	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
80°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
82.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
85°	0.8	0.8	0.8	0.8	0.8	1.6	1.6	1.6	1.6	1.6	1.6
87.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.6	1.6	1.6
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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CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	390.2	390.2	390.2	390.2	390.2	390.2	390.2	390.2	390.2	390.2	390.2
2.5°	448.4	441.0	437.7	435.3	430.3	426.2	420.5	417.2	409.8	410.7	401.6
5°	514.8	501.7	493.5	484.4	474.6	465.6	454.1	445.9	433.6	429.5	415.6
7.5°	585.3	564.8	550.8	534.4	518.9	503.3	485.3	471.3	454.9	444.3	425.4
10°	654.9	629.5	604.1	580.3	557.4	535.3	510.7	491.8	468.9	453.3	430.3
12.5°	727.1	689.4	658.2	627.1	595.9	567.2	536.1	509.8	480.3	460.7	432.8
15°	798.4	750.8	711.5	671.3	632.8	595.9	558.2	526.2	491.8	466.4	433.6
17.5°	860.7	804.1	755.8	705.8	661.5	618.0	573.0	536.1	496.7	467.2	431.2
20°	909.0	844.3	788.5	731.2	680.3	630.3	581.2	540.2	496.7	463.9	424.6
22.5°	942.6	872.2	809.9	747.6	691.0	637.7	583.6	540.2	494.3	459.0	419.7
25°	965.6	891.0	823.8	757.4	697.6	641.0	585.3	539.4	492.6	457.4	416.4
26°	970.5	894.3	826.2	758.2	697.6	640.2	583.6	537.7	491.0	455.7	414.8
27°	972.2	895.1	825.4	757.4	695.9	637.7	581.2	535.3	487.7	452.5	412.3
28°	969.7	892.6	822.2	753.3	691.8	632.8	576.2	530.3	482.8	448.4	407.4
29°	964.0	886.1	815.6	746.7	685.3	625.4	568.9	523.8	476.2	441.8	401.6
30°	954.1	876.3	805.8	736.1	674.6	615.6	559.0	513.9	467.2	432.8	392.6
31°	941.0	864.0	793.5	723.8	662.3	604.1	547.6	503.3	456.6	423.0	382.8
32°	924.6	850.0	777.9	709.0	647.6	590.2	534.4	490.2	444.3	410.7	371.3
33°	905.8	832.8	760.7	692.6	632.8	575.4	519.7	476.2	432.0	398.4	359.8
34°	885.3	814.0	741.8	675.4	615.6	559.0	504.9	462.3	418.0	385.3	348.4
35°	862.3	792.6	721.3	654.9	597.6	541.8	488.5	446.7	403.3	371.3	335.3
36°	837.7	769.7	699.2	636.9	577.9	523.0	472.1	430.3	387.7	356.6	321.3
37°	812.3	745.9	677.1	616.4	558.2	504.9	454.9	413.9	373.0	342.6	308.2
38°	784.4	720.5	652.5	594.3	536.9	485.3	436.1	396.7	357.4	327.9	294.3
39°	754.9	690.2	627.1	570.5	514.8	464.8	417.2	379.5	340.2	312.3	279.5
40°	724.6	661.5	600.8	545.9	491.8	444.3	397.6	360.7	323.8	295.9	264.8
42.5°	645.9	588.5	532.0	482.8	432.0	388.5	345.9	312.3	278.7	254.1	226.2
45°	562.3	511.5	459.8	415.6	369.7	330.3	292.6	262.3	232.0	211.5	187.7
47.5°	477.1	427.9	382.8	343.5	306.6	268.9	236.9	210.7	186.1	169.7	152.5
50°	380.3	344.3	304.9	272.1	237.7	209.8	182.8	163.9	145.9	135.2	122.1
51°	344.3	310.7	274.6	244.3	212.3	186.9	163.9	147.5	132.0	123.0	111.5
52°	313.9	278.7	245.1	217.2	191.0	166.4	146.7	132.8	119.7	111.5	100.8
53°	277.1	249.2	218.0	192.6	168.9	147.5	131.2	118.9	107.4	100.8	91.8
54°	245.9	220.5	191.8	168.9	149.2	131.2	116.4	106.6	96.7	90.2	82.8
55°	216.4	196.7	167.2	147.5	131.2	115.6	104.1	95.1	86.1	81.1	73.8
57.5°	151.6	134.4	116.4	104.9	94.3	84.4	76.2	69.7	63.9	60.7	54.9
60°	100.8	90.2	79.5	72.1	65.6	59.8	54.1	49.2	45.1	43.4	39.3
61°	84.4	76.2	67.2	62.3	56.6	50.8	45.9	42.6	39.3	37.7	34.4
62°	72.1	63.9	56.6	52.5	47.5	43.4	39.3	36.1	33.6	32.0	29.5
63°	59.0	53.3	47.5	44.3	40.2	36.1	33.6	30.3	28.7	27.0	24.6
64°	48.4	43.4	39.3	36.1	33.6	29.5	27.9	25.4	23.0	23.0	20.5
65°	39.3	35.2	32.0	29.5	27.0	24.6	23.0	20.5	18.9	18.0	16.4
66°	31.1	27.9	25.4	23.8	21.3	19.7	18.0	16.4	14.8	14.8	13.1



TEST NUMBER: P175565

CATALOG NUMBER: LDA6A30935D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
72.5°	5.7	5.7	5.7	4.9	4.9	4.9	4.9	4.1	4.1	4.1	4.1
75°	4.1	4.1	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
77.5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
80°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
82.5°	1.6	1.6	1.6	1.6	1.6	2.5	2.5	2.5	2.5	2.5	2.5
85°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	2.5	2.5
87.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
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: P175565

CATALOG NUMBER: LDA6A30935D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
0°	390.2	390.2	390.2	390.2	390.2	390.2	390.2	390.2
2.5°	399.2	397.6	387.7	384.4	350.8	322.1	310.7	303.3
5°	409.0	402.5	388.5	382.0	318.9	273.8	253.3	244.3
7.5°	414.8	403.3	384.4	374.6	287.7	233.6	208.2	199.2
10°	413.9	399.2	377.1	363.1	259.0	200.8	175.4	166.4
12.5°	413.1	394.3	368.9	351.6	235.3	177.1	150.8	142.6
15°	410.7	387.7	359.8	340.2	214.8	157.4	133.6	126.2
17.5°	404.1	379.5	348.4	327.1	197.5	142.6	122.1	114.8
20°	395.9	368.9	337.7	315.6	186.9	136.9	119.7	114.8
22.5°	389.4	361.5	330.3	309.0	190.2	154.1	153.3	156.6
25°	386.9	359.8	328.7	309.0	206.6	186.1	196.7	202.5
26°	385.3	359.0	328.7	309.0	211.5	194.3	204.1	210.7
27°	382.8	356.6	327.1	307.4	213.9	198.4	207.4	212.3
28°	378.7	352.5	323.0	304.9	213.9	198.4	205.7	209.8
29°	373.0	347.5	318.0	300.0	211.5	195.1	200.8	204.1
30°	364.8	339.4	310.7	292.6	205.7	190.2	193.4	195.9
31°	354.9	330.3	301.6	284.4	200.0	183.6	186.1	187.7
32°	344.3	319.7	291.8	275.4	192.6	176.2	177.9	178.7
33°	332.8	309.0	282.0	265.6	186.1	169.7	169.7	170.5
34°	321.3	297.5	273.0	255.7	179.5	163.9	162.3	163.1
35°	309.8	286.1	262.3	245.9	173.0	157.4	155.7	155.7
36°	296.7	273.8	250.8	235.3	166.4	152.5	149.2	149.2
37°	284.4	262.3	240.2	224.6	159.0	146.7	143.4	142.6
38°	271.3	250.0	228.7	213.9	152.5	141.0	137.7	136.9
39°	258.2	237.7	217.2	203.3	145.9	135.2	132.8	131.2
40°	244.3	224.6	205.7	191.8	139.3	128.7	127.1	125.4
42.5°	208.2	191.0	175.4	165.6	123.0	113.1	110.7	111.5
45°	173.0	159.8	147.5	141.0	106.6	97.5	95.1	95.1
47.5°	141.8	132.0	123.8	117.2	89.3	81.1	78.7	75.4
50°	114.8	107.4	100.8	96.7	73.8	65.6	60.7	57.4
51°	104.9	98.4	92.6	88.5	67.2	59.0	53.3	50.0
52°	95.1	89.3	84.4	81.1	60.7	52.5	46.7	43.4
53°	86.1	81.1	77.1	73.8	54.9	46.7	41.0	37.7
54°	77.9	73.0	69.7	66.4	49.2	41.0	34.4	32.0
55°	70.5	65.6	63.1	59.8	43.4	35.2	28.7	27.0
57.5°	52.5	49.2	47.5	45.1	32.0	23.0	17.2	14.8
60°	37.7	35.2	34.4	32.8	20.5	12.3	9.0	7.4
61°	32.8	31.1	29.5	27.9	16.4	9.8	7.4	6.6
62°	27.9	26.2	24.6	23.8	13.1	8.2	6.6	5.7
63°	23.0	22.1	20.5	19.7	10.7	6.6	5.7	4.9
64°	18.9	18.0	16.4	15.6	9.0	5.7	4.9	4.1
65°	15.6	14.8	13.1	12.3	7.4	4.9	4.1	3.3
66°	12.3	11.5	10.7	9.8	6.6	4.9	3.3	3.3



TEST NUMBER: P175565

CATALOG NUMBER: LDA6A30935D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
72.5°	4.1	4.1	3.3	3.3	3.3	3.3	3.3	2.5
75°	3.3	3.3	3.3	3.3	3.3	3.3	2.5	2.5
77.5°	2.5	2.5	2.5	2.5	3.3	2.5	2.5	2.5
80°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.6
82.5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.6
85°	2.5	2.5	2.5	2.5	2.5	2.5	1.6	1.6
87.5°	1.6	2.5	2.5	2.5	2.5	1.6	0.8	0.8
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°	59.0	60.7	61.5	61.5	60.7	57.4	58.2	56.6	54.9	53.3	51.6
70°	29.5	30.3	31.1	31.1	30.3	28.7	29.5	28.7	27.9	27.0	25.4





67.5°	50.0	48.4	45.9	43.4	40.2	39.3	35.2	32.0	29.5	25.4	23.8
70°	24.6	23.8	22.1	20.5	19.7	18.9	16.4	15.6	13.9	12.3	11.5





67.5°	21.3	18.9	17.2	16.4	14.8	13.9	13.1	11.5	10.7	10.7	9.8
70°	10.7	9.8	9.0	9.0	8.2	7.4	7.4	6.6	6.6	6.6	5.7





67.5°	9.0	9.0	8.2	7.4	4.9	4.1	3.3	3.3
70°	5.7	5.7	4.9	4.9	4.1	3.3	3.3	2.5



(END OF REPORT)