

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: P175563

Luminaire Tested: **LDA6A30927D010TE LAR35FL 6LLWW1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P175563
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: LDA6A30927D010TE LAR35FL 6LLWW1
Description: PORTFOLIO 6" Lensed Wall Wash, Self-flanged, 35° Flood Optic, at 30° tilt
Light Source: (1) HIGH LUMEN LED 90CRI / 2700K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1421.9 lumens
Efficiency: N/A
Efficacy: 32.0 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

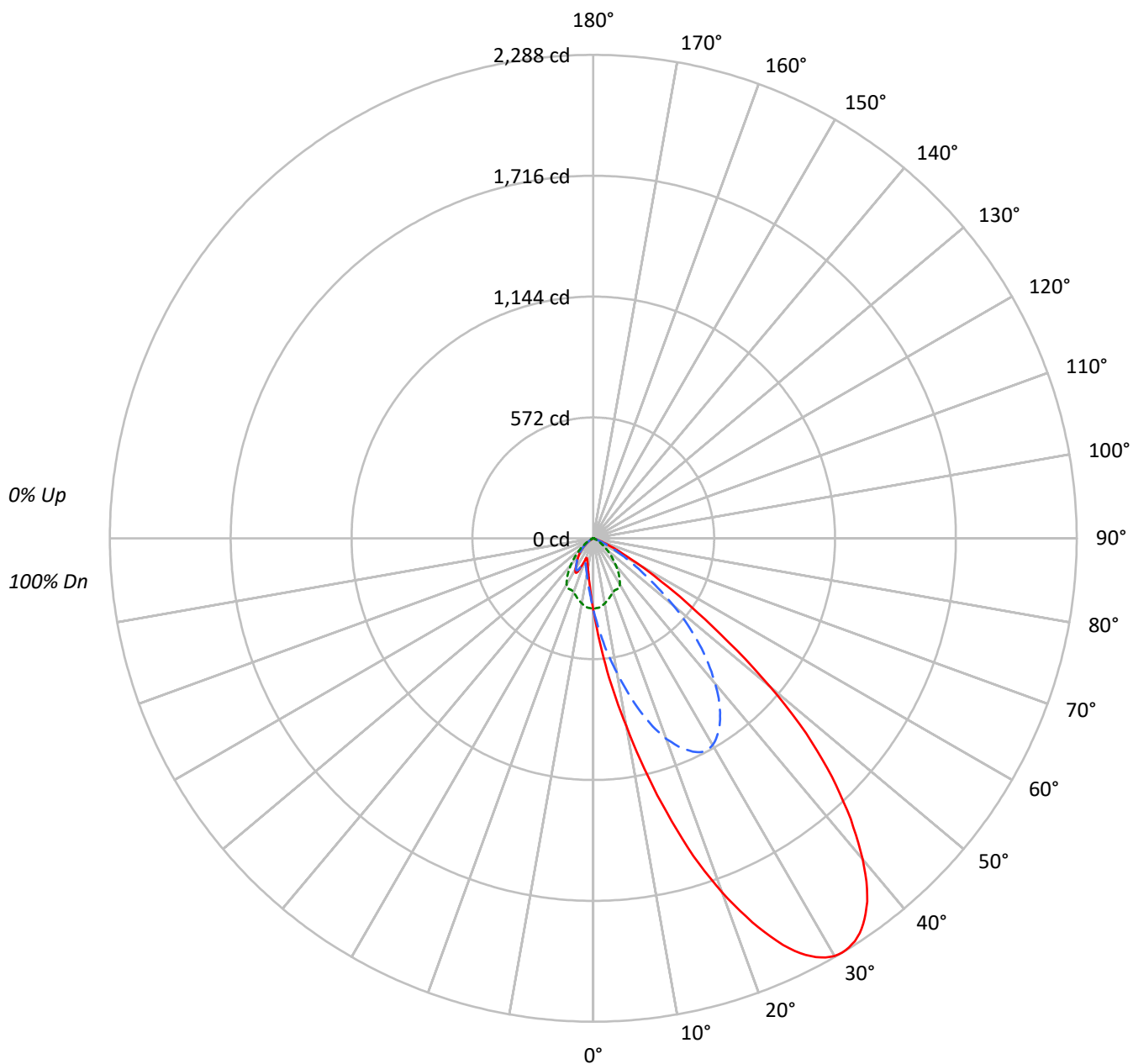
Input Watts (W): 44.49
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P175563

CATALOG NUMBER: LDA6A30927D010TE 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°	18414	18414	18414
5°	31334	18094	11573
10°	50316	17401	7971
15°	76249	16618	6169
20°	104105	15851	5764
25°	128518	16090	10543
30°	144497	15945	10673
35°	149085	14168	8974
40°	141945	11815	7729
45°	123850	9412	6349
50°	93396	7104	4213
55°	53953	4922	2227
60°	27925	3092	702
65°	12077	1375	363
70°	4071	673	337
75°	1356	593	445
80°	884	663	442
85°	440	1321	881



TEST NUMBER: P175563

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	36.0	2.5
10°-20°	145.0	10.2
20°-30°	308.9	21.7
30°-40°	401.1	28.2
40°-50°	336.4	23.7
50°-60°	155.1	10.9
60°-70°	33.5	2.4
70°-80°	4.3	0.3
80°-90°	1.5	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°	490.0	34.5
0°-40°	891.1	62.7
0°-60°	1382.5	97.2
0°-90°	1421.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1421.9	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	336	336	336	336	336	
5°	569	476	329	236	210	65
15°	1344	842	293	136	109	394
25°	2125	1114	266	160	174	975
35°	2228	1046	212	136	134	1376
45°	1598	711	121	84	82	1212
55°	564	291	52	30	23	537
65°	93	54	11	4	3	107
75°	6	4	3	3	2	10
85°	1	1	2	2	1	1
90°	0	0	0	0	0	



TEST NUMBER: P175563

CATALOG NUMBER: LDA6A30927D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	335.9	335.9	335.9	335.9	335.9	335.9	335.9	335.9	335.9	335.9	335.9
2.5°	434.7	428.3	434.0	434.0	430.4	427.6	432.6	426.2	429.7	423.4	423.4
5°	569.4	553.2	561.0	560.3	553.9	555.3	553.2	544.0	546.2	536.3	533.5
7.5°	727.5	710.6	719.0	716.9	707.7	707.0	703.5	688.7	688.7	673.9	666.1
10°	903.9	891.2	901.1	896.9	885.6	880.6	875.0	854.5	850.3	827.7	815.0
12.5°	1117.0	1110.7	1100.1	1093.0	1088.1	1080.3	1070.4	1043.6	1033.7	1003.4	983.6
15°	1343.5	1340.7	1328.7	1330.1	1311.1	1288.5	1294.1	1249.7	1232.7	1193.2	1166.4
17.5°	1578.5	1570.0	1558.7	1543.2	1533.3	1506.5	1494.5	1452.9	1428.2	1378.8	1345.6
20°	1784.5	1781.0	1771.1	1751.4	1736.6	1706.2	1687.2	1639.2	1604.6	1546.7	1506.5
22.5°	1968.0	1962.4	1953.2	1929.2	1911.6	1875.6	1851.6	1796.5	1754.2	1688.6	1639.9
25°	2124.7	2114.1	2106.3	2077.4	2058.3	2016.0	1987.8	1926.4	1876.3	1803.6	1747.1
26°	2173.3	2164.2	2157.1	2126.8	2106.3	2061.9	2032.2	1968.0	1914.4	1840.3	1780.3
27°	2213.6	2205.8	2200.2	2168.4	2146.5	2100.7	2068.2	2003.3	1946.1	1869.9	1807.8
28°	2245.3	2238.3	2232.6	2199.5	2176.9	2129.6	2095.0	2028.7	1968.7	1890.4	1826.9
29°	2268.6	2261.5	2257.3	2222.0	2199.5	2150.8	2114.8	2046.3	1984.2	1904.5	1838.9
30°	2282.7	2275.7	2271.4	2234.7	2212.2	2162.8	2123.9	2055.5	1990.6	1910.1	1843.1
31°	2287.7	2279.9	2277.1	2239.7	2215.7	2164.9	2126.1	2055.5	1989.2	1908.0	1839.6
32°	2283.4	2276.4	2274.2	2236.1	2211.4	2159.9	2120.4	2049.2	1981.4	1899.6	1829.7
33°	2273.5	2266.5	2265.1	2226.3	2201.6	2148.6	2109.8	2037.2	1968.0	1885.4	1815.6
34°	2255.2	2248.1	2248.1	2208.6	2183.2	2130.3	2091.5	2018.8	1947.5	1865.7	1795.1
35°	2227.7	2224.9	2222.0	2181.8	2156.4	2103.5	2064.7	1991.3	1920.0	1838.9	1766.9
36°	2193.8	2191.7	2188.9	2148.6	2122.5	2069.6	2032.2	1958.8	1886.9	1806.4	1735.1
37°	2153.6	2152.2	2150.1	2109.8	2083.7	2031.5	1993.4	1921.4	1849.5	1769.7	1698.5
38°	2104.9	2104.9	2102.8	2062.6	2036.5	1984.9	1948.2	1876.3	1805.0	1726.7	1656.8
39°	2047.0	2048.4	2047.0	2006.8	1980.7	1929.9	1894.6	1824.8	1753.5	1677.3	1614.5
40°	1983.5	1985.6	1984.9	1945.4	1919.3	1869.9	1836.1	1767.6	1704.1	1623.0	1562.3
42.5°	1803.6	1807.1	1807.8	1770.4	1745.7	1699.9	1669.5	1606.7	1540.4	1472.7	1417.6
45°	1597.5	1603.9	1605.3	1571.4	1548.9	1507.2	1481.8	1425.4	1376.0	1306.1	1258.1
47.5°	1366.8	1376.0	1379.5	1348.5	1326.6	1290.6	1271.5	1223.6	1180.5	1117.7	1077.5
50°	1095.1	1105.7	1097.3	1084.6	1066.2	1038.0	1026.7	987.9	942.0	901.8	873.6
51°	977.3	988.6	994.9	970.2	954.7	929.3	920.8	887.7	846.8	812.2	788.2
52°	861.6	873.6	879.9	858.0	844.6	823.5	818.5	789.6	753.6	724.7	704.9
53°	752.9	764.2	757.1	752.2	740.2	722.6	719.7	695.8	664.7	640.7	625.2
54°	653.4	663.3	670.3	654.1	643.5	628.7	628.0	608.3	582.1	561.7	550.4
55°	564.5	573.7	580.0	566.6	557.4	544.7	544.7	528.5	506.6	489.7	481.2
57.5°	386.0	392.3	398.0	388.1	381.7	374.0	375.4	365.5	350.7	340.1	335.2
60°	254.7	259.7	263.2	256.8	253.3	248.4	249.8	243.4	238.5	227.2	225.1
61°	212.4	217.3	220.9	215.2	216.6	207.5	209.6	203.9	199.7	194.8	189.1
62°	175.7	179.9	182.8	177.8	179.2	171.5	173.6	169.4	165.8	160.9	156.7
63°	143.2	146.8	149.6	148.9	146.8	140.4	141.8	138.3	135.5	132.0	128.4
64°	116.4	119.3	121.4	121.4	119.3	113.6	115.0	111.5	110.1	106.6	103.7
65°	93.1	95.3	96.7	96.7	95.3	91.0	91.7	89.6	87.5	85.4	83.3
66°	73.4	75.5	76.9	76.9	75.5	72.0	72.7	70.6	69.2	67.0	65.6



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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°	12.0	12.7	12.7	12.7	12.7	12.0	12.0	12.0	11.3	11.3	10.6
75°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	5.6	5.6	5.6	5.6
77.5°	4.2	4.2	4.2	4.2	4.2	3.5	3.5	3.5	3.5	3.5	3.5
80°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.1	2.1	2.1	2.1
82.5°	1.4	2.1	2.1	2.1	2.1	1.4	1.4	1.4	2.1	1.4	1.4
85°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.7
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°	335.9	335.9	335.9	335.9	335.9	335.9	335.9	335.9	335.9	335.9	335.9
2.5°	421.3	417.7	417.0	412.1	404.3	408.6	399.4	399.4	395.9	394.4	388.1
5°	527.1	520.0	515.8	505.9	498.2	495.4	480.5	476.3	467.8	461.5	450.2
7.5°	655.5	642.1	632.2	616.7	601.9	594.8	572.3	561.7	547.6	534.9	517.2
10°	797.4	776.9	760.7	737.4	714.8	700.7	669.6	647.1	629.4	609.0	584.3
12.5°	957.5	928.6	903.9	870.7	839.0	817.1	775.5	743.0	716.9	688.0	654.8
15°	1129.0	1090.2	1056.3	1011.9	963.9	937.8	885.6	842.5	807.2	768.4	724.7
17.5°	1295.5	1246.1	1201.0	1145.9	1088.8	1045.0	987.9	933.5	887.7	836.9	786.8
20°	1444.4	1384.4	1328.7	1263.1	1197.5	1143.1	1075.4	1010.5	954.7	896.2	836.9
22.5°	1568.6	1498.8	1433.1	1359.0	1284.2	1221.4	1143.8	1070.4	1006.2	940.6	872.9
25°	1666.7	1589.1	1515.7	1433.1	1351.3	1281.4	1195.3	1114.2	1043.6	971.7	898.3
26°	1697.7	1616.6	1540.4	1452.2	1371.0	1298.4	1210.2	1126.2	1053.5	980.1	904.6
27°	1721.7	1637.8	1558.7	1469.8	1385.9	1311.1	1220.0	1134.7	1059.2	984.4	907.4
28°	1738.0	1651.9	1570.0	1479.7	1394.3	1317.4	1225.0	1137.5	1060.6	985.1	906.7
29°	1748.6	1659.6	1575.7	1485.4	1397.9	1318.8	1225.0	1136.1	1058.4	981.5	902.5
30°	1750.7	1660.3	1575.0	1483.2	1394.3	1314.6	1219.3	1129.7	1050.7	973.8	894.0
31°	1747.1	1654.0	1567.2	1476.2	1386.6	1304.7	1209.5	1119.8	1041.5	963.2	882.7
32°	1736.6	1642.7	1555.2	1463.5	1373.2	1291.3	1196.0	1105.0	1026.7	949.1	868.6
33°	1722.4	1626.5	1538.3	1446.5	1356.9	1274.4	1179.1	1088.8	1010.5	932.1	852.4
34°	1702.7	1606.0	1517.1	1426.8	1336.5	1253.9	1158.6	1069.0	990.7	913.1	834.1
35°	1675.9	1578.5	1490.3	1401.4	1311.1	1229.2	1134.7	1045.7	968.8	891.9	813.6
36°	1644.8	1548.9	1460.0	1371.7	1282.1	1201.0	1108.5	1020.3	944.1	867.9	791.0
37°	1610.2	1514.3	1426.8	1340.0	1251.8	1171.3	1080.3	993.5	918.7	843.2	767.7
38°	1570.0	1474.8	1388.7	1304.0	1217.2	1138.2	1049.3	963.9	890.5	816.4	742.3
39°	1523.5	1430.3	1345.6	1263.8	1179.1	1101.5	1014.7	931.4	859.5	787.5	714.8
40°	1473.4	1383.0	1300.5	1220.7	1138.2	1062.7	978.0	897.6	827.7	757.1	686.6
42.5°	1336.5	1251.8	1175.6	1104.3	1028.1	958.2	882.0	807.9	743.0	678.1	613.2
45°	1186.2	1109.3	1040.8	978.0	908.9	846.8	778.3	711.3	652.7	593.4	535.6
47.5°	1016.1	948.4	889.1	836.2	776.2	721.9	663.3	605.4	553.9	502.4	451.6
50°	824.9	769.8	723.3	680.9	633.0	588.5	541.2	493.9	451.6	407.9	365.5
51°	746.6	697.2	654.8	618.8	574.4	534.9	492.5	449.5	410.7	371.2	331.6
52°	668.9	625.9	589.2	557.4	518.6	483.4	445.3	406.4	371.2	335.2	298.5
53°	594.8	557.4	525.7	498.9	465.0	434.0	400.1	366.2	333.8	301.3	268.1
54°	525.0	493.2	466.4	443.8	414.2	386.7	357.8	327.4	298.5	268.1	237.8
55°	460.1	433.3	410.7	391.6	366.2	342.2	317.5	290.7	264.6	237.1	213.8
57.5°	322.5	304.8	290.0	278.0	261.1	249.1	227.9	209.6	193.3	169.4	151.7
60°	217.3	205.3	196.2	189.1	177.8	171.5	156.7	143.2	132.7	115.0	102.3
61°	182.8	172.9	165.1	159.5	150.3	144.7	132.0	121.4	111.5	96.7	85.4
62°	151.7	143.2	140.4	132.7	124.9	120.7	110.1	100.9	93.1	79.7	70.6
63°	124.2	117.1	115.0	108.7	102.3	99.5	90.3	83.3	76.2	64.9	57.9
64°	100.2	94.6	93.1	88.2	83.3	80.4	73.4	67.0	61.4	52.2	46.6
65°	79.7	77.6	74.1	70.6	66.3	64.2	58.6	53.6	48.7	41.6	37.4
66°	62.8	61.4	57.9	55.0	51.5	50.1	45.2	41.6	38.1	32.5	29.6



TEST NUMBER: P175563

CATALOG NUMBER: LDA6A30927D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
72.5°	9.9	9.9	9.2	9.2	7.8	7.8	7.1	6.4	6.4	5.6	5.6
75°	4.9	4.9	4.9	4.9	4.2	4.2	4.2	4.2	3.5	3.5	3.5
77.5°	3.5	3.5	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
80°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
82.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
85°	0.7	0.7	0.7	0.7	0.7	1.4	1.4	1.4	1.4	1.4	1.4
87.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	1.4	1.4	1.4
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°	335.9	335.9	335.9	335.9	335.9	335.9	335.9	335.9	335.9	335.9	335.9
2.5°	386.0	379.6	376.8	374.7	370.5	366.9	362.0	359.2	352.8	353.5	345.8
5°	443.1	431.8	424.8	417.0	408.6	400.8	390.9	383.9	373.3	369.8	357.8
7.5°	503.8	486.2	474.2	460.1	446.7	433.3	417.7	405.7	391.6	382.5	366.2
10°	563.8	541.9	520.0	499.6	479.8	460.8	439.6	423.4	403.6	390.2	370.5
12.5°	625.9	593.4	566.6	539.8	513.0	488.3	461.5	438.9	413.5	396.6	372.6
15°	687.3	646.4	612.5	577.9	544.7	513.0	480.5	453.0	423.4	401.5	373.3
17.5°	740.9	692.2	650.6	607.5	569.4	532.0	493.2	461.5	427.6	402.2	371.2
20°	782.5	726.8	678.8	629.4	585.7	542.6	500.3	465.0	427.6	399.4	365.5
22.5°	811.5	750.8	697.2	643.5	594.8	549.0	502.4	465.0	425.5	395.2	361.3
25°	831.2	767.0	709.2	652.0	600.5	551.8	503.8	464.3	424.1	393.7	358.5
26°	835.5	769.8	711.3	652.7	600.5	551.1	502.4	462.9	422.7	392.3	357.0
27°	836.9	770.5	710.6	652.0	599.1	549.0	500.3	460.8	419.9	389.5	354.9
28°	834.8	768.4	707.7	648.5	595.6	544.7	496.1	456.5	415.6	386.0	350.7
29°	829.8	762.8	702.1	642.8	589.9	538.4	489.7	450.9	410.0	380.3	345.8
30°	821.4	754.3	693.6	633.7	580.7	529.9	481.2	442.4	402.2	372.6	338.0
31°	810.1	743.7	683.1	623.1	570.1	520.0	471.4	433.3	393.0	364.1	329.5
32°	796.0	731.7	669.6	610.4	557.4	508.1	460.1	422.0	382.5	353.5	319.7
33°	779.7	716.9	654.8	596.3	544.7	495.4	447.4	410.0	371.9	342.9	309.8
34°	762.1	700.7	638.6	581.4	529.9	481.2	434.7	398.0	359.9	331.6	299.9
35°	742.3	682.3	621.0	563.8	514.4	466.4	420.6	384.6	347.2	319.7	288.6
36°	721.2	662.6	601.9	548.3	497.5	450.2	406.4	370.5	333.8	306.9	276.6
37°	699.3	642.1	582.9	530.6	480.5	434.7	391.6	356.3	321.1	295.0	265.3
38°	675.3	620.2	561.7	511.6	462.2	417.7	375.4	341.5	307.7	282.3	253.3
39°	649.9	594.1	539.8	491.1	443.1	400.1	359.2	326.7	292.8	268.8	240.6
40°	623.8	569.4	517.2	470.0	423.4	382.5	342.2	310.5	278.7	254.7	227.9
42.5°	556.0	506.6	458.0	415.6	371.9	334.5	297.8	268.8	239.9	218.7	194.8
45°	484.1	440.3	395.9	357.8	318.2	284.4	251.9	225.8	199.7	182.1	161.6
47.5°	410.7	368.3	329.5	295.7	263.9	231.4	203.9	181.3	160.2	146.1	131.2
50°	327.4	296.4	262.5	234.3	204.6	180.6	157.4	141.1	125.6	116.4	105.1
51°	296.4	267.4	236.4	210.3	182.8	160.9	141.1	127.0	113.6	105.8	96.0
52°	270.3	239.9	211.0	187.0	164.4	143.2	126.3	114.3	103.0	96.0	86.8
53°	238.5	214.5	187.7	165.8	145.4	127.0	112.9	102.3	92.4	86.8	79.0
54°	211.7	189.8	165.1	145.4	128.4	112.9	100.2	91.7	83.3	77.6	71.3
55°	186.3	169.4	143.9	127.0	112.9	99.5	89.6	81.9	74.1	69.9	63.5
57.5°	130.5	115.7	100.2	90.3	81.1	72.7	65.6	60.0	55.0	52.2	47.3
60°	86.8	77.6	68.4	62.1	56.5	51.5	46.6	42.3	38.8	37.4	33.9
61°	72.7	65.6	57.9	53.6	48.7	43.7	39.5	36.7	33.9	32.5	29.6
62°	62.1	55.0	48.7	45.2	40.9	37.4	33.9	31.0	28.9	27.5	25.4
63°	50.8	45.9	40.9	38.1	34.6	31.0	28.9	26.1	24.7	23.3	21.2
64°	41.6	37.4	33.9	31.0	28.9	25.4	24.0	21.9	19.8	19.8	17.6
65°	33.9	30.3	27.5	25.4	23.3	21.2	19.8	17.6	16.2	15.5	14.1
66°	26.8	24.0	21.9	20.5	18.3	16.9	15.5	14.1	12.7	12.7	11.3



TEST NUMBER: P175563

CATALOG NUMBER: LDA6A30927D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
72.5°	4.9	4.9	4.9	4.2	4.2	4.2	4.2	3.5	3.5	3.5	3.5
75°	3.5	3.5	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
77.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
80°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
82.5°	1.4	1.4	1.4	1.4	1.4	2.1	2.1	2.1	2.1	2.1	2.1
85°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	2.1	2.1
87.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
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: P175563

CATALOG NUMBER: LDA6A30927D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
0°	335.9	335.9	335.9	335.9	335.9	335.9	335.9	335.9
2.5°	343.6	342.2	333.8	330.9	302.0	277.3	267.4	261.1
5°	352.1	346.5	334.5	328.8	274.5	235.7	218.0	210.3
7.5°	357.0	347.2	330.9	322.5	247.7	201.1	179.2	171.5
10°	356.3	343.6	324.6	312.6	223.0	172.9	151.0	143.2
12.5°	355.6	339.4	317.5	302.7	202.5	152.4	129.8	122.8
15°	353.5	333.8	309.8	292.8	184.9	135.5	115.0	108.7
17.5°	347.9	326.7	299.9	281.5	170.1	122.8	105.1	98.8
20°	340.8	317.5	290.7	271.7	160.9	117.8	103.0	98.8
22.5°	335.2	311.2	284.4	266.0	163.7	132.7	132.0	134.8
25°	333.1	309.8	283.0	266.0	177.8	160.2	169.4	174.3
26°	331.6	309.1	283.0	266.0	182.1	167.2	175.7	181.3
27°	329.5	306.9	281.5	264.6	184.2	170.8	178.5	182.8
28°	326.0	303.4	278.0	262.5	184.2	170.8	177.1	180.6
29°	321.1	299.2	273.8	258.3	182.1	167.9	172.9	175.7
30°	314.0	292.1	267.4	251.9	177.1	163.7	166.5	168.6
31°	305.5	284.4	259.7	244.9	172.2	158.1	160.2	161.6
32°	296.4	275.2	251.2	237.1	165.8	151.7	153.1	153.8
33°	286.5	266.0	242.7	228.6	160.2	146.1	146.1	146.8
34°	276.6	256.1	235.0	220.2	154.5	141.1	139.7	140.4
35°	266.7	246.3	225.8	211.7	148.9	135.5	134.1	134.1
36°	255.4	235.7	215.9	202.5	143.2	131.2	128.4	128.4
37°	244.9	225.8	206.7	193.3	136.9	126.3	123.5	122.8
38°	233.6	215.2	196.9	184.2	131.2	121.4	118.5	117.8
39°	222.3	204.6	187.0	175.0	125.6	116.4	114.3	112.9
40°	210.3	193.3	177.1	165.1	120.0	110.8	109.4	108.0
42.5°	179.2	164.4	151.0	142.5	105.8	97.4	95.3	96.0
45°	148.9	137.6	127.0	121.4	91.7	84.0	81.9	81.9
47.5°	122.1	113.6	106.6	100.9	76.9	69.9	67.7	64.9
50°	98.8	92.4	86.8	83.3	63.5	56.5	52.2	49.4
51°	90.3	84.7	79.7	76.2	57.9	50.8	45.9	43.0
52°	81.9	76.9	72.7	69.9	52.2	45.2	40.2	37.4
53°	74.1	69.9	66.3	63.5	47.3	40.2	35.3	32.5
54°	67.0	62.8	60.0	57.2	42.3	35.3	29.6	27.5
55°	60.7	56.5	54.3	51.5	37.4	30.3	24.7	23.3
57.5°	45.2	42.3	40.9	38.8	27.5	19.8	14.8	12.7
60°	32.5	30.3	29.6	28.2	17.6	10.6	7.8	6.4
61°	28.2	26.8	25.4	24.0	14.1	8.5	6.4	5.6
62°	24.0	22.6	21.2	20.5	11.3	7.1	5.6	4.9
63°	19.8	19.1	17.6	16.9	9.2	5.6	4.9	4.2
64°	16.2	15.5	14.1	13.4	7.8	4.9	4.2	3.5
65°	13.4	12.7	11.3	10.6	6.4	4.2	3.5	2.8
66°	10.6	9.9	9.2	8.5	5.6	4.2	2.8	2.8



TEST NUMBER: P175563

CATALOG NUMBER: LDA6A30927D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
72.5°	3.5	3.5	2.8	2.8	2.8	2.8	2.8	2.1
75°	2.8	2.8	2.8	2.8	2.8	2.8	2.1	2.1
77.5°	2.1	2.1	2.1	2.1	2.8	2.1	2.1	2.1
80°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.4
82.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.4
85°	2.1	2.1	2.1	2.1	2.1	2.1	1.4	1.4
87.5°	1.4	2.1	2.1	2.1	2.1	1.4	0.7	0.7
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°	50.8	52.2	52.9	52.9	52.2	49.4	50.1	48.7	47.3	45.9	44.5
70°	25.4	26.1	26.8	26.8	26.1	24.7	25.4	24.7	24.0	23.3	21.9





67.5°	43.0	41.6	39.5	37.4	34.6	33.9	30.3	27.5	25.4	21.9	20.5
70°	21.2	20.5	19.1	17.6	16.9	16.2	14.1	13.4	12.0	10.6	9.9





67.5°	18.3	16.2	14.8	14.1	12.7	12.0	11.3	9.9	9.2	9.2	8.5
70°	9.2	8.5	7.8	7.8	7.1	6.4	6.4	5.6	5.6	5.6	4.9





67.5°	7.8	7.8	7.1	6.4	4.2	3.5	2.8	2.8
70°	4.9	4.9	4.2	4.2	3.5	2.8	2.8	2.1



(END OF REPORT)