

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: P175536

Luminaire Tested: **LDA6A20830D010TE LAR35FL 6LLWW1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P175536
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: LDA6A20830D010TE LAR35FL 6LLWW1
Description: PORTFOLIO 6" Lensed Wall Wash, Self-flanged, 35° Flood Optic, at 30° tilt
Light Source: (1) HIGH LUMEN LED 80CRI / 3000K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1224.0 lumens
Efficiency: N/A
Efficacy: 42.0 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

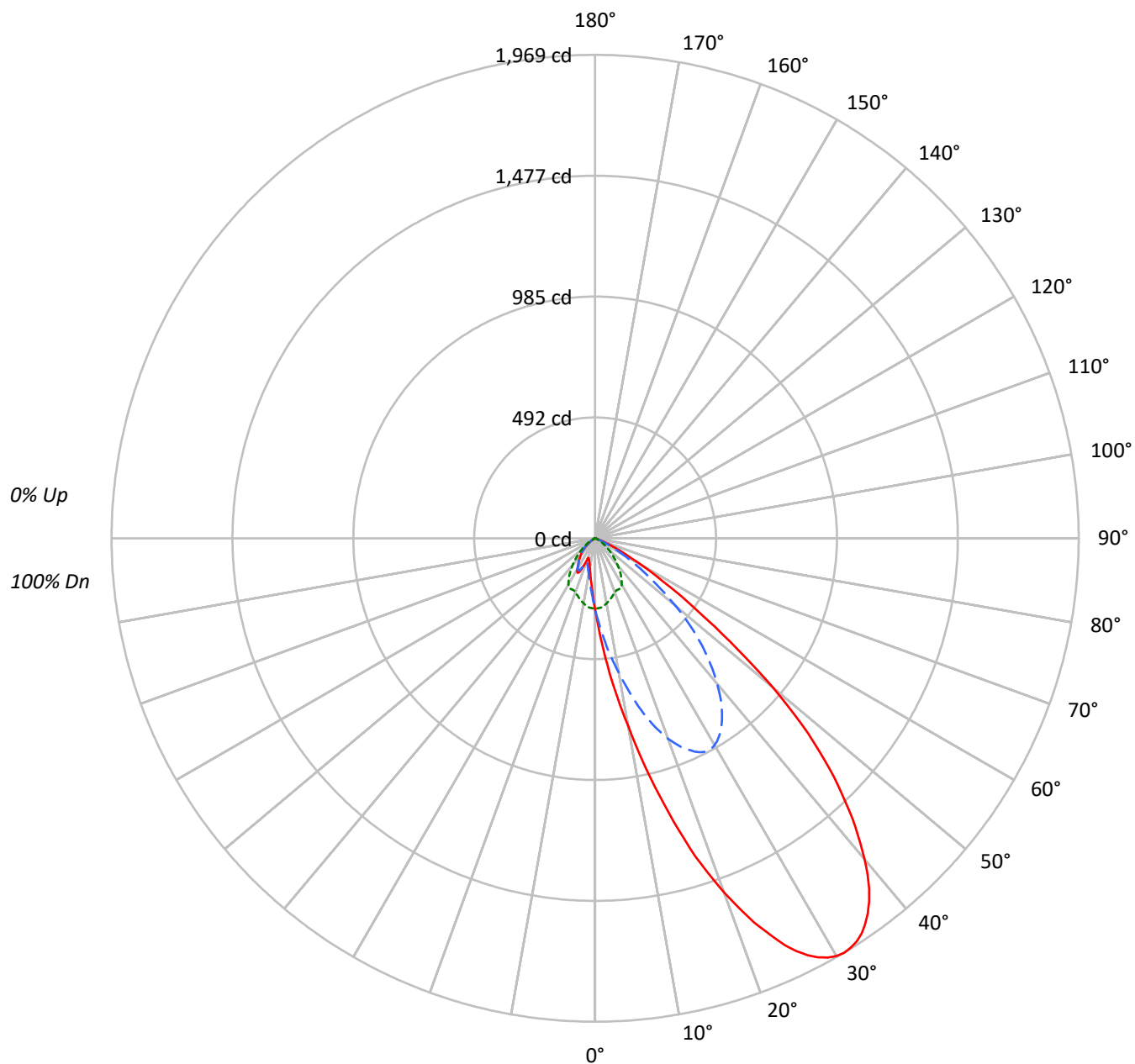
Input Watts (W): 29.12
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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	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°	15849	15849	15849
5°	26975	15579	9960
10°	43314	14980	6864
15°	65642	14308	5307
20°	89619	13645	4959
25°	110631	13852	9073
30°	124393	13730	9191
35°	128338	12193	7723
40°	122193	10169	6648
45°	106623	8102	5466
50°	80407	6115	3625
55°	46450	4234	1912
60°	24044	2664	603
65°	10403	1180	311
70°	3510	577	289
75°	1165	508	381
80°	758	568	379
85°	377	1132	755



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	31.0	2.5
10°-20°	124.8	10.2
20°-30°	265.9	21.7
30°-40°	345.3	28.2
40°-50°	289.6	23.7
50°-60°	133.5	10.9
60°-70°	28.8	2.4
70°-80°	3.7	0.3
80°-90°	1.3	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°	421.8	34.5
0°-40°	767.1	62.7
0°-60°	1190.2	97.2
0°-90°	1224.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1224.0	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	289	289	289	289	289	
5°	490	410	283	203	181	56
15°	1157	725	252	117	94	340
25°	1829	959	229	138	150	839
35°	1918	900	182	117	115	1184
45°	1375	612	104	72	70	1043
55°	486	250	44	26	20	462
65°	80	46	9	4	2	92
75°	6	4	2	2	2	8
85°	1	1	2	2	1	1
90°	0	0	0	0	0	



TEST NUMBER: P175536

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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	289.1	289.1	289.1	289.1	289.1	289.1	289.1	289.1	289.1	289.1	289.1
2.5°	374.2	368.7	373.6	373.6	370.5	368.1	372.4	366.9	369.9	364.5	364.5
5°	490.2	476.2	482.9	482.3	476.8	478.1	476.2	468.3	470.2	461.7	459.2
7.5°	626.3	611.7	619.0	617.2	609.3	608.7	605.6	592.9	592.9	580.1	573.4
10°	778.1	767.2	775.7	772.1	762.3	758.1	753.2	735.6	732.0	712.5	701.6
12.5°	961.6	956.1	947.0	940.9	936.7	930.0	921.5	898.4	889.9	863.8	846.8
15°	1156.6	1154.1	1143.8	1145.0	1128.6	1109.2	1114.1	1075.8	1061.2	1027.2	1004.1
17.5°	1358.9	1351.6	1341.8	1328.5	1320.0	1296.9	1286.6	1250.7	1229.5	1187.0	1158.4
20°	1536.2	1533.2	1524.7	1507.7	1494.9	1468.8	1452.4	1411.1	1381.3	1331.5	1296.9
22.5°	1694.2	1689.3	1681.4	1660.8	1645.6	1614.6	1593.9	1546.6	1510.1	1453.6	1411.7
25°	1829.0	1819.9	1813.2	1788.3	1771.9	1735.5	1711.2	1658.3	1615.2	1552.6	1504.0
26°	1870.9	1863.0	1857.0	1830.8	1813.2	1775.0	1749.4	1694.2	1648.0	1584.2	1532.6
27°	1905.6	1898.9	1894.0	1866.7	1847.9	1808.4	1780.4	1724.5	1675.3	1609.7	1556.3
28°	1932.9	1926.8	1922.0	1893.4	1874.0	1833.3	1803.5	1746.4	1694.8	1627.3	1572.7
29°	1952.9	1946.9	1943.2	1912.8	1893.4	1851.5	1820.5	1761.6	1708.1	1639.5	1583.0
30°	1965.1	1959.0	1955.4	1923.8	1904.3	1861.8	1828.4	1769.5	1713.6	1644.4	1586.6
31°	1969.3	1962.7	1960.2	1928.0	1907.4	1863.6	1830.2	1769.5	1712.4	1642.5	1583.6
32°	1965.7	1959.6	1957.8	1925.0	1903.7	1859.4	1825.4	1764.0	1705.7	1635.2	1575.1
33°	1957.2	1951.1	1949.9	1916.5	1895.2	1849.7	1816.3	1753.7	1694.2	1623.1	1563.0
34°	1941.4	1935.3	1935.3	1901.3	1879.4	1833.9	1800.5	1737.9	1676.6	1606.1	1545.3
35°	1917.7	1915.3	1912.8	1878.2	1856.4	1810.8	1777.4	1714.2	1652.9	1583.0	1521.0
36°	1888.6	1886.7	1884.3	1849.7	1827.2	1781.6	1749.4	1686.3	1624.3	1555.1	1493.7
37°	1853.9	1852.7	1850.9	1816.3	1793.8	1748.8	1716.0	1654.1	1592.1	1523.5	1462.1
38°	1812.0	1812.0	1810.2	1775.6	1753.1	1708.7	1677.2	1615.2	1553.8	1486.4	1426.3
39°	1762.2	1763.4	1762.2	1727.6	1705.1	1661.4	1631.0	1570.9	1509.5	1443.9	1389.8
40°	1707.5	1709.4	1708.7	1674.7	1652.3	1609.7	1580.6	1521.7	1467.0	1397.1	1344.9
42.5°	1552.6	1555.7	1556.3	1524.1	1502.8	1463.3	1437.2	1383.2	1326.1	1267.7	1220.4
45°	1375.3	1380.7	1381.9	1352.8	1333.3	1297.5	1275.6	1227.0	1184.5	1124.4	1083.1
47.5°	1176.6	1184.5	1187.6	1160.8	1142.0	1111.0	1094.6	1053.3	1016.3	962.2	927.6
50°	942.8	951.9	944.6	933.6	917.9	893.6	883.8	850.4	810.9	776.3	752.0
51°	841.3	851.0	856.5	835.2	821.9	800.0	792.7	764.2	728.9	699.2	678.5
52°	741.7	752.0	757.5	738.7	727.1	708.9	704.6	679.7	648.8	623.8	606.8
53°	648.1	657.9	651.8	647.5	637.2	622.0	619.6	598.9	572.2	551.6	538.2
54°	562.5	571.0	577.1	563.1	554.0	541.2	540.6	523.6	501.1	483.5	473.8
55°	486.0	493.9	499.3	487.8	479.9	468.9	468.9	455.0	436.1	421.6	414.3
57.5°	332.3	337.7	342.6	334.1	328.6	321.9	323.2	314.7	301.9	292.8	288.5
60°	219.3	223.5	226.6	221.1	218.1	213.8	215.0	209.6	205.3	195.6	193.8
61°	182.8	187.1	190.1	185.3	186.5	178.6	180.4	175.6	171.9	167.7	162.8
62°	151.3	154.9	157.3	153.1	154.3	147.6	149.4	145.8	142.7	138.5	134.9
63°	123.3	126.3	128.8	128.2	126.3	120.9	122.1	119.1	116.6	113.6	110.6
64°	100.2	102.7	104.5	104.5	102.7	97.8	99.0	96.0	94.8	91.7	89.3
65°	80.2	82.0	83.2	83.2	82.0	78.4	79.0	77.1	75.3	73.5	71.7
66°	63.2	65.0	66.2	66.2	65.0	62.0	62.6	60.7	59.5	57.7	56.5



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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°	10.3	10.9	10.9	10.9	10.9	10.3	10.3	10.3	9.7	9.7	9.1
75°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	4.9	4.9	4.9	4.9
77.5°	3.6	3.6	3.6	3.6	3.6	3.0	3.0	3.0	3.0	3.0	3.0
80°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.8	1.8	1.8	1.8
82.5°	1.2	1.8	1.8	1.8	1.8	1.2	1.2	1.2	1.8	1.2	1.2
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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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	289.1	289.1	289.1	289.1	289.1	289.1	289.1	289.1	289.1	289.1	289.1
2.5°	362.6	359.6	359.0	354.7	348.1	351.7	343.8	343.8	340.8	339.6	334.1
5°	453.8	447.7	444.0	435.5	428.9	426.4	413.7	410.0	402.7	397.3	387.6
7.5°	564.3	552.8	544.3	530.9	518.2	512.1	492.6	483.5	471.4	460.4	445.3
10°	686.4	668.8	654.8	634.8	615.3	603.2	576.5	557.0	541.8	524.2	503.0
12.5°	824.3	799.4	778.1	749.6	722.3	703.4	667.6	639.6	617.2	592.3	563.7
15°	971.9	938.5	909.3	871.1	829.8	807.3	762.3	725.3	694.9	661.5	623.8
17.5°	1115.3	1072.8	1033.9	986.5	937.3	899.6	850.4	803.7	764.2	720.4	677.3
20°	1243.4	1191.8	1143.8	1087.3	1030.8	984.1	925.7	869.9	821.9	771.5	720.4
22.5°	1350.4	1290.2	1233.7	1169.9	1105.6	1051.5	984.7	921.5	866.2	809.7	751.4
25°	1434.8	1368.0	1304.8	1233.7	1163.3	1103.1	1029.0	959.2	898.4	836.5	773.3
26°	1461.5	1391.7	1326.1	1250.1	1180.3	1117.7	1041.8	969.5	906.9	843.7	778.7
27°	1482.2	1409.9	1341.8	1265.3	1193.0	1128.6	1050.3	976.8	911.8	847.4	781.2
28°	1496.1	1422.0	1351.6	1273.8	1200.3	1134.1	1054.5	979.2	913.0	848.0	780.6
29°	1505.3	1428.7	1356.4	1278.7	1203.4	1135.3	1054.5	978.0	911.2	845.0	776.9
30°	1507.1	1429.3	1355.8	1276.9	1200.3	1131.7	1049.7	972.5	904.5	838.3	769.6
31°	1504.0	1423.9	1349.1	1270.8	1193.6	1123.2	1041.2	964.0	896.6	829.2	759.9
32°	1494.9	1414.1	1338.8	1259.8	1182.1	1111.6	1029.6	951.3	883.8	817.0	747.8
33°	1482.8	1400.2	1324.2	1245.3	1168.1	1097.0	1015.0	937.3	869.9	802.4	733.8
34°	1465.8	1382.5	1306.0	1228.3	1150.5	1079.4	997.4	920.3	852.9	786.0	718.0
35°	1442.7	1358.9	1282.9	1206.4	1128.6	1058.2	976.8	900.2	834.0	767.8	700.4
36°	1416.0	1333.3	1256.8	1180.9	1103.7	1033.9	954.3	878.4	812.8	747.2	680.9
37°	1386.2	1303.6	1228.3	1153.5	1077.6	1008.4	930.0	855.3	790.9	725.9	660.9
38°	1351.6	1269.6	1195.5	1122.6	1047.8	979.8	903.3	829.8	766.6	702.8	639.0
39°	1311.5	1231.3	1158.4	1087.9	1015.0	948.2	873.5	801.8	739.9	677.9	615.3
40°	1268.3	1190.6	1119.5	1050.9	979.8	914.8	841.9	772.7	712.5	651.8	591.0
42.5°	1150.5	1077.6	1012.0	950.7	885.0	824.9	759.3	695.5	639.6	583.8	527.9
45°	1021.1	954.9	896.0	841.9	782.4	728.9	670.0	612.3	561.9	510.9	461.1
47.5°	874.7	816.4	765.4	719.8	668.2	621.4	571.0	521.2	476.8	432.5	388.8
50°	710.1	662.7	622.6	586.2	544.9	506.6	465.9	425.2	388.8	351.1	314.7
51°	642.7	600.2	563.7	532.7	494.5	460.4	424.0	386.9	353.5	319.5	285.5
52°	575.9	538.8	507.2	479.9	446.5	416.1	383.3	349.9	319.5	288.5	256.9
53°	512.1	479.9	452.5	429.5	400.3	373.6	344.4	315.3	287.3	259.4	230.8
54°	451.9	424.6	401.5	382.1	356.6	332.9	308.0	281.9	256.9	230.8	204.7
55°	396.1	373.0	353.5	337.1	315.3	294.6	273.4	250.3	227.8	204.1	184.1
57.5°	277.6	262.4	249.7	239.3	224.8	214.4	196.2	180.4	166.4	145.8	130.6
60°	187.1	176.8	168.9	162.8	153.1	147.6	134.9	123.3	114.2	99.0	88.1
61°	157.3	148.8	142.1	137.3	129.4	124.5	113.6	104.5	96.0	83.2	73.5
62°	130.6	123.3	120.9	114.2	107.5	103.9	94.8	86.9	80.2	68.6	60.7
63°	106.9	100.8	99.0	93.5	88.1	85.6	77.8	71.7	65.6	55.9	49.8
64°	86.3	81.4	80.2	75.9	71.7	69.2	63.2	57.7	52.8	45.0	40.1
65°	68.6	66.8	63.8	60.7	57.1	55.3	50.4	46.2	41.9	35.8	32.2
66°	54.1	52.8	49.8	47.4	44.3	43.1	38.9	35.8	32.8	27.9	25.5



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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°	8.5	8.5	7.9	7.9	6.7	6.7	6.1	5.5	5.5	4.9	4.9
75°	4.3	4.3	4.3	4.3	3.6	3.6	3.6	3.6	3.0	3.0	3.0
77.5°	3.0	3.0	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
80°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
82.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
85°	0.6	0.6	0.6	0.6	0.6	1.2	1.2	1.2	1.2	1.2	1.2
87.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	1.2	1.2	1.2
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°	289.1	289.1	289.1	289.1	289.1	289.1	289.1	289.1	289.1	289.1	289.1
2.5°	332.3	326.8	324.4	322.6	318.9	315.9	311.6	309.2	303.7	304.3	297.6
5°	381.5	371.8	365.7	359.0	351.7	345.0	336.5	330.5	321.3	318.3	308.0
7.5°	433.7	418.5	408.2	396.1	384.5	373.0	359.6	349.3	337.1	329.2	315.3
10°	485.3	466.5	447.7	430.1	413.1	396.7	378.4	364.5	347.5	335.9	318.9
12.5°	538.8	510.9	487.8	464.7	441.6	420.4	397.3	377.8	356.0	341.4	320.7
15°	591.7	556.4	527.3	497.5	468.9	441.6	413.7	390.0	364.5	345.6	321.3
17.5°	637.8	595.9	560.1	523.0	490.2	458.0	424.6	397.3	368.1	346.2	319.5
20°	673.7	625.7	584.4	541.8	504.2	467.1	430.7	400.3	368.1	343.8	314.7
22.5°	698.6	646.3	600.2	554.0	512.1	472.6	432.5	400.3	366.3	340.2	311.0
25°	715.6	660.3	610.5	561.3	516.9	475.0	433.7	399.7	365.1	339.0	308.6
26°	719.2	662.7	612.3	561.9	516.9	474.4	432.5	398.5	363.9	337.7	307.4
27°	720.4	663.3	611.7	561.3	515.7	472.6	430.7	396.7	361.4	335.3	305.5
28°	718.6	661.5	609.3	558.2	512.7	468.9	427.0	393.0	357.8	332.3	301.9
29°	714.4	656.6	604.4	553.4	507.8	463.5	421.6	388.2	352.9	327.4	297.6
30°	707.1	649.4	597.1	545.5	499.9	456.2	414.3	380.9	346.2	320.7	291.0
31°	697.3	640.2	588.0	536.4	490.8	447.7	405.8	373.0	338.3	313.4	283.7
32°	685.2	629.9	576.5	525.4	479.9	437.4	396.1	363.3	329.2	304.3	275.2
33°	671.2	617.2	563.7	513.3	468.9	426.4	385.1	352.9	320.1	295.2	266.7
34°	656.0	603.2	549.7	500.5	456.2	414.3	374.2	342.6	309.8	285.5	258.2
35°	639.0	587.4	534.6	485.3	442.8	401.5	362.0	331.1	298.9	275.2	248.4
36°	620.8	570.4	518.2	472.0	428.2	387.6	349.9	318.9	287.3	264.2	238.1
37°	602.0	552.8	501.8	456.8	413.7	374.2	337.1	306.8	276.4	253.9	228.4
38°	581.3	533.9	483.5	440.4	397.9	359.6	323.2	294.0	264.8	243.0	218.1
39°	559.5	511.5	464.7	422.8	381.5	344.4	309.2	281.2	252.1	231.4	207.1
40°	537.0	490.2	445.3	404.6	364.5	329.2	294.6	267.3	239.9	219.3	196.2
42.5°	478.7	436.1	394.2	357.8	320.1	287.9	256.3	231.4	206.5	188.3	167.7
45°	416.7	379.0	340.8	308.0	274.0	244.8	216.9	194.4	171.9	156.7	139.1
47.5°	353.5	317.1	283.7	254.5	227.2	199.2	175.6	156.1	137.9	125.7	113.0
50°	281.9	255.1	226.0	201.7	176.2	155.5	135.5	121.5	108.1	100.2	90.5
51°	255.1	230.2	203.5	181.0	157.3	138.5	121.5	109.3	97.8	91.1	82.6
52°	232.7	206.5	181.6	161.0	141.5	123.3	108.7	98.4	88.7	82.6	74.7
53°	205.3	184.7	161.6	142.7	125.1	109.3	97.2	88.1	79.6	74.7	68.0
54°	182.2	163.4	142.1	125.1	110.6	97.2	86.3	79.0	71.7	66.8	61.4
55°	160.4	145.8	123.9	109.3	97.2	85.6	77.1	70.5	63.8	60.1	54.7
57.5°	112.4	99.6	86.3	77.8	69.9	62.6	56.5	51.6	47.4	45.0	40.7
60°	74.7	66.8	58.9	53.5	48.6	44.3	40.1	36.4	33.4	32.2	29.2
61°	62.6	56.5	49.8	46.2	41.9	37.7	34.0	31.6	29.2	27.9	25.5
62°	53.5	47.4	41.9	38.9	35.2	32.2	29.2	26.7	24.9	23.7	21.9
63°	43.7	39.5	35.2	32.8	29.8	26.7	24.9	22.5	21.3	20.0	18.2
64°	35.8	32.2	29.2	26.7	24.9	21.9	20.7	18.8	17.0	17.0	15.2
65°	29.2	26.1	23.7	21.9	20.0	18.2	17.0	15.2	14.0	13.4	12.1
66°	23.1	20.7	18.8	17.6	15.8	14.6	13.4	12.1	10.9	10.9	9.7



TEST NUMBER: P175536

CATALOG NUMBER: LDA6A20830D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
72.5°	4.3	4.3	4.3	3.6	3.6	3.6	3.6	3.0	3.0	3.0	3.0
75°	3.0	3.0	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
77.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
80°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
82.5°	1.2	1.2	1.2	1.2	1.2	1.8	1.8	1.8	1.8	1.8	1.8
85°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.8	1.8
87.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
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: P175536

CATALOG NUMBER: LDA6A20830D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
0°	289.1	289.1	289.1	289.1	289.1	289.1	289.1	289.1
2.5°	295.8	294.6	287.3	284.9	260.0	238.7	230.2	224.8
5°	303.1	298.3	287.9	283.1	236.3	202.9	187.7	181.0
7.5°	307.4	298.9	284.9	277.6	213.2	173.1	154.3	147.6
10°	306.8	295.8	279.4	269.1	192.0	148.8	130.0	123.3
12.5°	306.2	292.2	273.4	260.6	174.3	131.2	111.8	105.7
15°	304.3	287.3	266.7	252.1	159.2	116.6	99.0	93.5
17.5°	299.5	281.2	258.2	242.4	146.4	105.7	90.5	85.0
20°	293.4	273.4	250.3	233.9	138.5	101.4	88.7	85.0
22.5°	288.5	267.9	244.8	229.0	140.9	114.2	113.6	116.0
25°	286.7	266.7	243.6	229.0	153.1	137.9	145.8	150.0
26°	285.5	266.1	243.6	229.0	156.7	144.0	151.3	156.1
27°	283.7	264.2	242.4	227.8	158.5	147.0	153.7	157.3
28°	280.6	261.2	239.3	226.0	158.5	147.0	152.5	155.5
29°	276.4	257.6	235.7	222.3	156.7	144.6	148.8	151.3
30°	270.3	251.5	230.2	216.9	152.5	140.9	143.4	145.2
31°	263.0	244.8	223.5	210.8	148.2	136.1	137.9	139.1
32°	255.1	236.9	216.3	204.1	142.7	130.6	131.8	132.4
33°	246.6	229.0	209.0	196.8	137.9	125.7	125.7	126.3
34°	238.1	220.5	202.3	189.5	133.0	121.5	120.3	120.9
35°	229.6	212.0	194.4	182.2	128.2	116.6	115.4	115.4
36°	219.9	202.9	185.9	174.3	123.3	113.0	110.6	110.6
37°	210.8	194.4	178.0	166.4	117.8	108.7	106.3	105.7
38°	201.1	185.3	169.5	158.5	113.0	104.5	102.1	101.4
39°	191.3	176.2	161.0	150.6	108.1	100.2	98.4	97.2
40°	181.0	166.4	152.5	142.1	103.3	95.4	94.2	92.9
42.5°	154.3	141.5	130.0	122.7	91.1	83.8	82.0	82.6
45°	128.2	118.5	109.3	104.5	79.0	72.3	70.5	70.5
47.5°	105.1	97.8	91.7	86.9	66.2	60.1	58.3	55.9
50°	85.0	79.6	74.7	71.7	54.7	48.6	45.0	42.5
51°	77.8	72.9	68.6	65.6	49.8	43.7	39.5	37.1
52°	70.5	66.2	62.6	60.1	45.0	38.9	34.6	32.2
53°	63.8	60.1	57.1	54.7	40.7	34.6	30.4	27.9
54°	57.7	54.1	51.6	49.2	36.4	30.4	25.5	23.7
55°	52.2	48.6	46.8	44.3	32.2	26.1	21.3	20.0
57.5°	38.9	36.4	35.2	33.4	23.7	17.0	12.8	10.9
60°	27.9	26.1	25.5	24.3	15.2	9.1	6.7	5.5
61°	24.3	23.1	21.9	20.7	12.1	7.3	5.5	4.9
62°	20.7	19.4	18.2	17.6	9.7	6.1	4.9	4.3
63°	17.0	16.4	15.2	14.6	7.9	4.9	4.3	3.6
64°	14.0	13.4	12.1	11.5	6.7	4.3	3.6	3.0
65°	11.5	10.9	9.7	9.1	5.5	3.6	3.0	2.4
66°	9.1	8.5	7.9	7.3	4.9	3.6	2.4	2.4



TEST NUMBER: P175536

CATALOG NUMBER: LDA6A20830D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
72.5°	3.0	3.0	2.4	2.4	2.4	2.4	2.4	1.8
75°	2.4	2.4	2.4	2.4	2.4	2.4	1.8	1.8
77.5°	1.8	1.8	1.8	1.8	2.4	1.8	1.8	1.8
80°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.2
82.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.2
85°	1.8	1.8	1.8	1.8	1.8	1.8	1.2	1.2
87.5°	1.2	1.8	1.8	1.8	1.8	1.2	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°	43.7	45.0	45.6	45.6	45.0	42.5	43.1	41.9	40.7	39.5	38.3
70°	21.9	22.5	23.1	23.1	22.5	21.3	21.9	21.3	20.7	20.0	18.8





67.5°	37.1	35.8	34.0	32.2	29.8	29.2	26.1	23.7	21.9	18.8	17.6
70°	18.2	17.6	16.4	15.2	14.6	14.0	12.1	11.5	10.3	9.1	8.5





67.5°	15.8	14.0	12.8	12.1	10.9	10.3	9.7	8.5	7.9	7.9	7.3
70°	7.9	7.3	6.7	6.7	6.1	5.5	5.5	4.9	4.9	4.9	4.3





67.5°	6.7	6.7	6.1	5.5	3.6	3.0	2.4	2.4
70°	4.3	4.3	3.6	3.6	3.0	2.4	2.4	1.8



(END OF REPORT)