

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: P175553

Luminaire Tested: **LDA6A15835D010TE LAR35FL 6LLWW1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P175553
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: LDA6A15835D010TE 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: 1038.7 lumens
Efficiency: N/A
Efficacy: 46.6 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

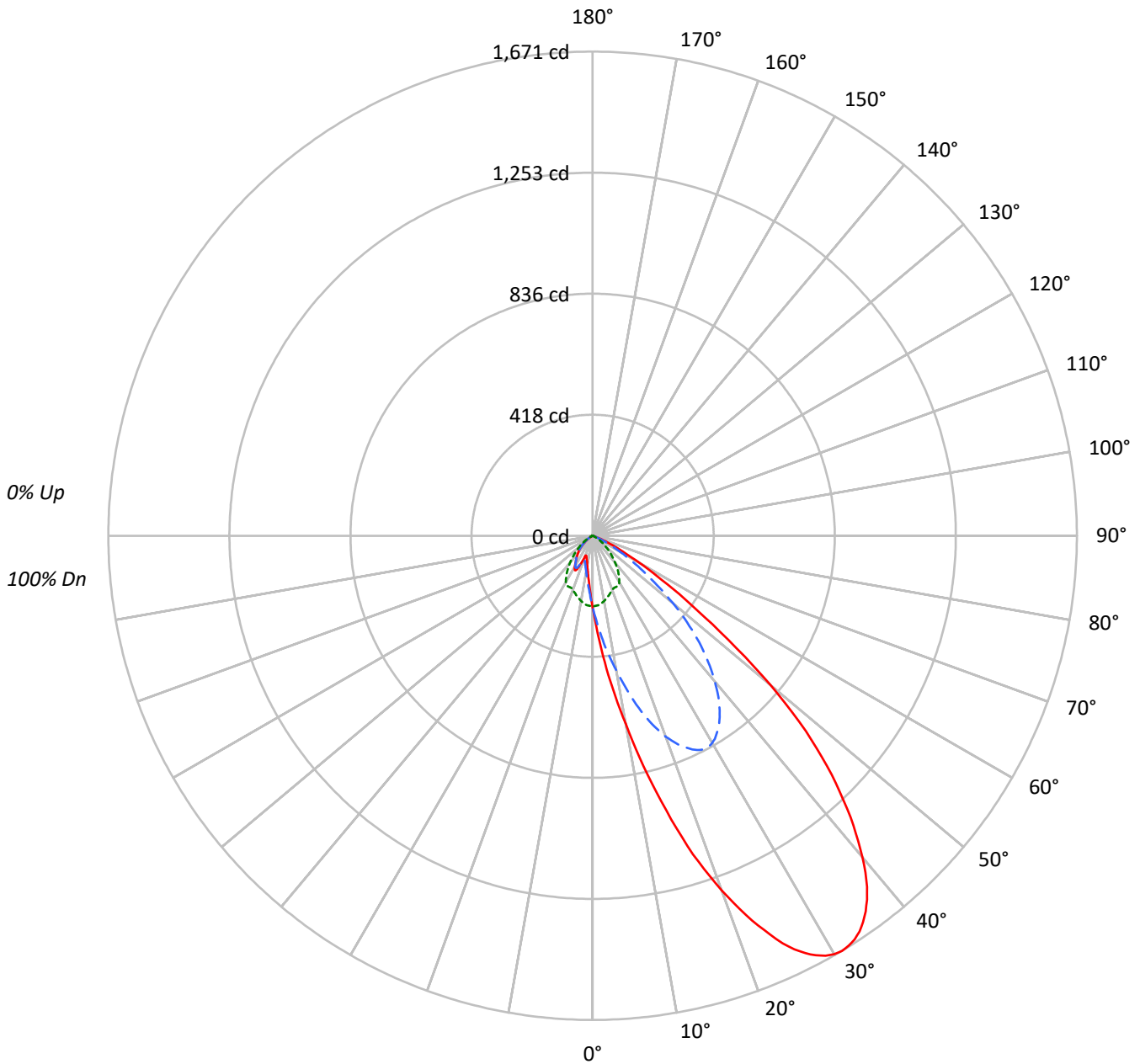
Input Watts (W): 22.27
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20									20									20									20									
RC	80									50									30									10									0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0																
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°	13453	13453	13453
5°	22892	13218	8453
10°	36756	12714	5823
15°	55698	12140	4506
20°	76050	11580	4212
25°	93882	11753	7700
30°	105554	11647	7799
35°	108904	10346	6552
40°	103694	8630	5646
45°	90475	6877	4636
50°	68228	5185	3079
55°	39416	3594	1625
60°	20404	2259	504
65°	8821	999	272
70°	2981	497	240
75°	974	445	318
80°	663	474	316
85°	314	943	629



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.3	2.5
10°-20°	105.9	10.2
20°-30°	225.7	21.7
30°-40°	293.0	28.2
40°-50°	245.7	23.7
50°-60°	113.3	10.9
60°-70°	24.5	2.4
70°-80°	3.2	0.3
80°-90°	1.1	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°	357.9	34.5
0°-40°	650.9	62.7
0°-60°	1009.9	97.2
0°-90°	1038.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1038.7	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	245	245	245	245	245	
5°	416	348	240	172	154	47
15°	981	616	214	99	79	288
25°	1552	814	194	117	127	712
35°	1627	764	155	99	98	1005
45°	1167	520	89	61	60	885
55°	412	212	38	22	17	392
65°	68	39	8	3	2	78
75°	5	3	2	2	2	7
85°	0	1	2	2	1	1
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	245.4	245.4	245.4	245.4	245.4	245.4	245.4	245.4	245.4	245.4	245.4
2.5°	317.5	312.9	317.0	317.0	314.4	312.4	316.0	311.3	313.9	309.3	309.3
5°	416.0	404.1	409.8	409.3	404.6	405.7	404.1	397.4	399.0	391.8	389.7
7.5°	531.4	519.1	525.3	523.7	517.0	516.5	513.9	503.1	503.1	492.3	486.6
10°	660.3	651.0	658.3	655.2	646.9	643.3	639.2	624.2	621.1	604.6	595.4
12.5°	816.0	811.3	803.6	798.5	794.8	789.2	782.0	762.4	755.2	733.0	718.6
15°	981.4	979.4	970.6	971.7	957.7	941.2	945.4	912.9	900.5	871.7	852.1
17.5°	1153.1	1146.9	1138.7	1127.3	1120.1	1100.5	1091.8	1061.3	1043.3	1007.2	983.0
20°	1303.6	1301.0	1293.8	1279.4	1268.6	1246.4	1232.5	1197.4	1172.2	1129.9	1100.5
22.5°	1437.6	1433.5	1426.8	1409.3	1396.4	1370.1	1352.6	1312.4	1281.4	1233.5	1197.9
25°	1552.1	1544.3	1538.7	1517.5	1503.6	1472.7	1452.1	1407.2	1370.6	1317.5	1276.3
26°	1587.6	1580.9	1575.8	1553.6	1538.7	1506.2	1484.5	1437.6	1398.5	1344.3	1300.5
27°	1617.0	1611.3	1607.2	1584.0	1568.0	1534.5	1510.8	1463.4	1421.7	1366.0	1320.6
28°	1640.2	1635.1	1630.9	1606.7	1590.2	1555.7	1530.4	1482.0	1438.2	1380.9	1334.5
29°	1657.2	1652.1	1649.0	1623.2	1606.7	1571.1	1544.9	1494.9	1449.5	1391.2	1343.3
30°	1667.5	1662.4	1659.3	1632.5	1616.0	1579.9	1551.6	1501.6	1454.1	1395.4	1346.4
31°	1671.1	1665.5	1663.4	1636.1	1618.6	1581.5	1553.1	1501.6	1453.1	1393.8	1343.8
32°	1668.0	1662.9	1661.3	1633.5	1615.5	1577.8	1549.0	1496.9	1447.4	1387.6	1336.6
33°	1660.8	1655.7	1654.6	1626.3	1608.3	1569.6	1541.2	1488.2	1437.6	1377.3	1326.3
34°	1647.4	1642.3	1642.3	1613.4	1594.9	1556.2	1527.8	1474.7	1422.7	1362.9	1311.3
35°	1627.3	1625.3	1623.2	1593.8	1575.3	1536.6	1508.3	1454.6	1402.6	1343.3	1290.7
36°	1602.6	1601.0	1599.0	1569.6	1550.5	1511.9	1484.5	1430.9	1378.4	1319.6	1267.5
37°	1573.2	1572.2	1570.6	1541.2	1522.2	1484.0	1456.2	1403.6	1351.0	1292.8	1240.7
38°	1537.6	1537.6	1536.1	1506.7	1487.6	1450.0	1423.2	1370.6	1318.6	1261.3	1210.3
39°	1495.4	1496.4	1495.4	1466.0	1446.9	1409.8	1384.0	1333.0	1280.9	1225.3	1179.4
40°	1449.0	1450.5	1450.0	1421.1	1402.1	1366.0	1341.2	1291.2	1244.9	1185.6	1141.2
42.5°	1317.5	1320.1	1320.6	1293.3	1275.3	1241.8	1219.6	1173.7	1125.3	1075.8	1035.6
45°	1167.0	1171.7	1172.7	1147.9	1131.4	1101.0	1082.5	1041.2	1005.2	954.1	919.1
47.5°	998.5	1005.2	1007.7	985.1	969.1	942.8	928.9	893.8	862.4	816.5	787.1
50°	800.0	807.7	801.5	792.3	778.9	758.3	750.0	721.7	688.1	658.8	638.1
51°	713.9	722.2	726.8	708.8	697.4	678.9	672.7	648.5	618.6	593.3	575.8
52°	629.4	638.1	642.8	626.8	617.0	601.5	597.9	576.8	550.5	529.4	515.0
53°	550.0	558.2	553.1	549.5	540.7	527.8	525.8	508.2	485.6	468.0	456.7
54°	477.3	484.5	489.7	477.8	470.1	459.3	458.8	444.3	425.3	410.3	402.1
55°	412.4	419.1	423.7	413.9	407.2	397.9	397.9	386.1	370.1	357.7	351.5
57.5°	282.0	286.6	290.7	283.5	278.9	273.2	274.2	267.0	256.2	248.5	244.8
60°	186.1	189.7	192.3	187.6	185.1	181.4	182.5	177.8	174.2	166.0	164.4
61°	155.2	158.8	161.3	157.2	158.2	151.5	153.1	149.0	145.9	142.3	138.1
62°	128.4	131.4	133.5	129.9	130.9	125.3	126.8	123.7	121.1	117.5	114.4
63°	104.6	107.2	109.3	108.8	107.2	102.6	103.6	101.0	99.0	96.4	93.8
64°	85.1	87.1	88.7	88.7	87.1	83.0	84.0	81.4	80.4	77.8	75.8
65°	68.0	69.6	70.6	70.6	69.6	66.5	67.0	65.5	63.9	62.4	60.8
66°	53.6	55.2	56.2	56.2	55.2	52.6	53.1	51.5	50.5	49.0	47.9



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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°	8.8	9.3	9.3	9.3	9.3	8.8	8.8	8.8	8.2	8.2	7.7
75°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.1	4.1	4.1	4.1
77.5°	3.1	3.1	3.1	3.1	3.1	2.6	2.6	2.6	2.6	2.6	2.6
80°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.5	1.5	1.5	1.5
82.5°	1.0	1.5	1.5	1.5	1.5	1.0	1.0	1.0	1.5	1.0	1.0
85°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.5
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°	245.4	245.4	245.4	245.4	245.4	245.4	245.4	245.4	245.4	245.4	245.4
2.5°	307.7	305.2	304.6	301.0	295.4	298.5	291.8	291.8	289.2	288.1	283.5
5°	385.1	379.9	376.8	369.6	363.9	361.9	351.0	347.9	341.8	337.1	328.9
7.5°	478.9	469.1	461.9	450.5	439.7	434.5	418.0	410.3	400.0	390.7	377.8
10°	582.5	567.5	555.7	538.7	522.2	511.9	489.2	472.7	459.8	444.8	426.8
12.5°	699.5	678.4	660.3	636.1	612.9	596.9	566.5	542.8	523.7	502.6	478.4
15°	824.7	796.4	771.7	739.2	704.1	685.1	646.9	615.5	589.7	561.3	529.4
17.5°	946.4	910.3	877.3	837.1	795.4	763.4	721.7	682.0	648.5	611.3	574.7
20°	1055.2	1011.3	970.6	922.7	874.7	835.1	785.6	738.1	697.4	654.6	611.3
22.5°	1145.9	1094.9	1046.9	992.8	938.1	892.3	835.6	782.0	735.1	687.1	637.6
25°	1217.5	1160.8	1107.2	1046.9	987.1	936.1	873.2	813.9	762.4	709.8	656.2
26°	1240.2	1180.9	1125.3	1060.8	1001.6	948.5	884.0	822.7	769.6	716.0	660.8
27°	1257.7	1196.4	1138.7	1073.7	1012.4	957.7	891.2	828.9	773.7	719.1	662.9
28°	1269.6	1206.7	1146.9	1080.9	1018.6	962.4	894.8	830.9	774.7	719.6	662.4
29°	1277.3	1212.4	1151.0	1085.1	1021.1	963.4	894.8	829.9	773.2	717.0	659.3
30°	1278.9	1212.9	1150.5	1083.5	1018.6	960.3	890.7	825.3	767.5	711.3	653.1
31°	1276.3	1208.3	1144.9	1078.4	1012.9	953.1	883.5	818.0	760.8	703.6	644.8
32°	1268.6	1200.0	1136.1	1069.1	1003.1	943.3	873.7	807.2	750.0	693.3	634.5
33°	1258.3	1188.1	1123.7	1056.7	991.2	930.9	861.3	795.4	738.1	680.9	622.7
34°	1243.8	1173.2	1108.3	1042.3	976.3	916.0	846.4	780.9	723.7	667.0	609.3
35°	1224.2	1153.1	1088.7	1023.7	957.7	897.9	828.9	763.9	707.7	651.5	594.3
36°	1201.6	1131.4	1066.5	1002.1	936.6	877.3	809.8	745.4	689.7	634.0	577.8
37°	1176.3	1106.2	1042.3	978.9	914.4	855.7	789.2	725.8	671.1	616.0	560.8
38°	1146.9	1077.3	1014.4	952.6	889.2	831.4	766.5	704.1	650.5	596.4	542.3
39°	1112.9	1044.9	983.0	923.2	861.3	804.6	741.2	680.4	627.8	575.3	522.2
40°	1076.3	1010.3	950.0	891.8	831.4	776.3	714.4	655.7	604.6	553.1	501.5
42.5°	976.3	914.4	858.8	806.7	751.0	700.0	644.3	590.2	542.8	495.4	447.9
45°	866.5	810.3	760.3	714.4	663.9	618.6	568.6	519.6	476.8	433.5	391.2
47.5°	742.3	692.8	649.5	610.8	567.0	527.3	484.5	442.3	404.6	367.0	329.9
50°	602.6	562.4	528.4	497.4	462.4	429.9	395.4	360.8	329.9	297.9	267.0
51°	545.4	509.3	478.4	452.1	419.6	390.7	359.8	328.4	300.0	271.1	242.3
52°	488.7	457.2	430.4	407.2	378.9	353.1	325.3	296.9	271.1	244.8	218.0
53°	434.5	407.2	384.0	364.4	339.7	317.0	292.3	267.5	243.8	220.1	195.9
54°	383.5	360.3	340.7	324.2	302.6	282.5	261.3	239.2	218.0	195.9	173.7
55°	336.1	316.5	300.0	286.1	267.5	250.0	232.0	212.4	193.3	173.2	156.2
57.5°	235.6	222.7	211.9	203.1	190.7	182.0	166.5	153.1	141.2	123.7	110.8
60°	158.8	150.0	143.3	138.1	129.9	125.3	114.4	104.6	96.9	84.0	74.7
61°	133.5	126.3	120.6	116.5	109.8	105.7	96.4	88.7	81.4	70.6	62.4
62°	110.8	104.6	102.6	96.9	91.2	88.1	80.4	73.7	68.0	58.2	51.5
63°	90.7	85.6	84.0	79.4	74.7	72.7	66.0	60.8	55.7	47.4	42.3
64°	73.2	69.1	68.0	64.4	60.8	58.8	53.6	49.0	44.8	38.1	34.0
65°	58.2	56.7	54.1	51.5	48.5	46.9	42.8	39.2	35.6	30.4	27.3
66°	45.9	44.8	42.3	40.2	37.6	36.6	33.0	30.4	27.8	23.7	21.6



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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°	7.2	7.2	6.7	6.7	5.7	5.7	5.2	4.6	4.6	4.1	4.1
75°	3.6	3.6	3.6	3.6	3.1	3.1	3.1	3.1	2.6	2.6	2.6
77.5°	2.6	2.6	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
80°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
82.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
85°	0.5	0.5	0.5	0.5	0.5	1.0	1.0	1.0	1.0	1.0	1.0
87.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	1.0	1.0
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: P175553

CATALOG NUMBER: LDA6A15835D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	245.4	245.4	245.4	245.4	245.4	245.4	245.4	245.4	245.4	245.4	245.4
2.5°	282.0	277.3	275.3	273.7	270.6	268.0	264.4	262.4	257.7	258.2	252.6
5°	323.7	315.5	310.3	304.6	298.5	292.8	285.6	280.4	272.7	270.1	261.3
7.5°	368.0	355.2	346.4	336.1	326.3	316.5	305.2	296.4	286.1	279.4	267.5
10°	411.9	395.9	379.9	365.0	350.5	336.6	321.1	309.3	294.8	285.1	270.6
12.5°	457.2	433.5	413.9	394.3	374.7	356.7	337.1	320.6	302.1	289.7	272.2
15°	502.1	472.2	447.4	422.2	397.9	374.7	351.0	330.9	309.3	293.3	272.7
17.5°	541.2	505.7	475.3	443.8	416.0	388.7	360.3	337.1	312.4	293.8	271.1
20°	571.7	530.9	495.9	459.8	427.8	396.4	365.5	339.7	312.4	291.8	267.0
22.5°	592.8	548.5	509.3	470.1	434.5	401.0	367.0	339.7	310.8	288.7	263.9
25°	607.2	560.3	518.0	476.3	438.7	403.1	368.0	339.2	309.8	287.6	261.9
26°	610.3	562.4	519.6	476.8	438.7	402.6	367.0	338.1	308.8	286.6	260.8
27°	611.3	562.9	519.1	476.3	437.6	401.0	365.5	336.6	306.7	284.5	259.3
28°	609.8	561.3	517.0	473.7	435.1	397.9	362.4	333.5	303.6	282.0	256.2
29°	606.2	557.2	512.9	469.6	430.9	393.3	357.7	329.4	299.5	277.8	252.6
30°	600.0	551.0	506.7	462.9	424.2	387.1	351.5	323.2	293.8	272.2	246.9
31°	591.8	543.3	499.0	455.2	416.5	379.9	344.3	316.5	287.1	266.0	240.7
32°	581.4	534.5	489.2	445.9	407.2	371.1	336.1	308.2	279.4	258.2	233.5
33°	569.6	523.7	478.4	435.6	397.9	361.9	326.8	299.5	271.7	250.5	226.3
34°	556.7	511.9	466.5	424.7	387.1	351.5	317.5	290.7	262.9	242.3	219.1
35°	542.3	498.5	453.6	411.9	375.8	340.7	307.2	280.9	253.6	233.5	210.8
36°	526.8	484.0	439.7	400.5	363.4	328.9	296.9	270.6	243.8	224.2	202.1
37°	510.8	469.1	425.8	387.6	351.0	317.5	286.1	260.3	234.5	215.5	193.8
38°	493.3	453.1	410.3	373.7	337.6	305.2	274.2	249.5	224.7	206.2	185.1
39°	474.7	434.0	394.3	358.8	323.7	292.3	262.4	238.7	213.9	196.4	175.8
40°	455.7	416.0	377.8	343.3	309.3	279.4	250.0	226.8	203.6	186.1	166.5
42.5°	406.2	370.1	334.5	303.6	271.7	244.3	217.5	196.4	175.3	159.8	142.3
45°	353.6	321.7	289.2	261.3	232.5	207.7	184.0	164.9	145.9	133.0	118.0
47.5°	300.0	269.1	240.7	216.0	192.8	169.1	149.0	132.5	117.0	106.7	95.9
50°	239.2	216.5	191.8	171.1	149.5	132.0	114.9	103.1	91.8	85.1	76.8
51°	216.5	195.4	172.7	153.6	133.5	117.5	103.1	92.8	83.0	77.3	70.1
52°	197.4	175.3	154.1	136.6	120.1	104.6	92.3	83.5	75.3	70.1	63.4
53°	174.2	156.7	137.1	121.1	106.2	92.8	82.5	74.7	67.5	63.4	57.7
54°	154.6	138.7	120.6	106.2	93.8	82.5	73.2	67.0	60.8	56.7	52.1
55°	136.1	123.7	105.2	92.8	82.5	72.7	65.5	59.8	54.1	51.0	46.4
57.5°	95.4	84.5	73.2	66.0	59.3	53.1	47.9	43.8	40.2	38.1	34.5
60°	63.4	56.7	50.0	45.4	41.2	37.6	34.0	30.9	28.4	27.3	24.7
61°	53.1	47.9	42.3	39.2	35.6	32.0	28.9	26.8	24.7	23.7	21.6
62°	45.4	40.2	35.6	33.0	29.9	27.3	24.7	22.7	21.1	20.1	18.6
63°	37.1	33.5	29.9	27.8	25.3	22.7	21.1	19.1	18.0	17.0	15.5
64°	30.4	27.3	24.7	22.7	21.1	18.6	17.5	16.0	14.4	14.4	12.9
65°	24.7	22.2	20.1	18.6	17.0	15.5	14.4	12.9	11.9	11.3	10.3
66°	19.6	17.5	16.0	14.9	13.4	12.4	11.3	10.3	9.3	9.3	8.2



TEST NUMBER: P175553

CATALOG NUMBER: LDA6A15835D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
72.5°	3.6	3.6	3.6	3.1	3.1	3.1	3.1	2.6	2.6	2.6	2.6
75°	2.6	2.6	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
77.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
80°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
82.5°	1.0	1.0	1.0	1.0	1.0	1.5	1.5	1.5	1.5	1.5	1.5
85°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.5	1.5
87.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
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: P175553

CATALOG NUMBER: LDA6A15835D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
0°	245.4	245.4	245.4	245.4	245.4	245.4	245.4	245.4
2.5°	251.0	250.0	243.8	241.8	220.6	202.6	195.4	190.7
5°	257.2	253.1	244.3	240.2	200.5	172.2	159.3	153.6
7.5°	260.8	253.6	241.8	235.6	180.9	146.9	130.9	125.3
10°	260.3	251.0	237.1	228.4	162.9	126.3	110.3	104.6
12.5°	259.8	247.9	232.0	221.1	147.9	111.3	94.8	89.7
15°	258.2	243.8	226.3	213.9	135.1	99.0	84.0	79.4
17.5°	254.1	238.7	219.1	205.7	124.2	89.7	76.8	72.2
20°	249.0	232.0	212.4	198.5	117.5	86.1	75.3	72.2
22.5°	244.8	227.3	207.7	194.3	119.6	96.9	96.4	98.5
25°	243.3	226.3	206.7	194.3	129.9	117.0	123.7	127.3
26°	242.3	225.8	206.7	194.3	133.0	122.2	128.4	132.5
27°	240.7	224.2	205.7	193.3	134.5	124.7	130.4	133.5
28°	238.1	221.7	203.1	191.8	134.5	124.7	129.4	132.0
29°	234.5	218.6	200.0	188.7	133.0	122.7	126.3	128.4
30°	229.4	213.4	195.4	184.0	129.4	119.6	121.7	123.2
31°	223.2	207.7	189.7	178.9	125.8	115.5	117.0	118.0
32°	216.5	201.0	183.5	173.2	121.1	110.8	111.9	112.4
33°	209.3	194.3	177.3	167.0	117.0	106.7	106.7	107.2
34°	202.1	187.1	171.7	160.8	112.9	103.1	102.1	102.6
35°	194.8	179.9	164.9	154.6	108.8	99.0	97.9	97.9
36°	186.6	172.2	157.7	147.9	104.6	95.9	93.8	93.8
37°	178.9	164.9	151.0	141.2	100.0	92.3	90.2	89.7
38°	170.6	157.2	143.8	134.5	95.9	88.7	86.6	86.1
39°	162.4	149.5	136.6	127.8	91.8	85.1	83.5	82.5
40°	153.6	141.2	129.4	120.6	87.6	80.9	79.9	78.9
42.5°	130.9	120.1	110.3	104.1	77.3	71.1	69.6	70.1
45°	108.8	100.5	92.8	88.7	67.0	61.3	59.8	59.8
47.5°	89.2	83.0	77.8	73.7	56.2	51.0	49.5	47.4
50°	72.2	67.5	63.4	60.8	46.4	41.2	38.1	36.1
51°	66.0	61.9	58.2	55.7	42.3	37.1	33.5	31.4
52°	59.8	56.2	53.1	51.0	38.1	33.0	29.4	27.3
53°	54.1	51.0	48.5	46.4	34.5	29.4	25.8	23.7
54°	49.0	45.9	43.8	41.8	30.9	25.8	21.6	20.1
55°	44.3	41.2	39.7	37.6	27.3	22.2	18.0	17.0
57.5°	33.0	30.9	29.9	28.4	20.1	14.4	10.8	9.3
60°	23.7	22.2	21.6	20.6	12.9	7.7	5.7	4.6
61°	20.6	19.6	18.6	17.5	10.3	6.2	4.6	4.1
62°	17.5	16.5	15.5	14.9	8.2	5.2	4.1	3.6
63°	14.4	13.9	12.9	12.4	6.7	4.1	3.6	3.1
64°	11.9	11.3	10.3	9.8	5.7	3.6	3.1	2.6
65°	9.8	9.3	8.2	7.7	4.6	3.1	2.6	2.1
66°	7.7	7.2	6.7	6.2	4.1	3.1	2.1	2.1



TEST NUMBER: P175553

CATALOG NUMBER: LDA6A15835D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
72.5°	2.6	2.6	2.1	2.1	2.1	2.1	2.1	1.5
75°	2.1	2.1	2.1	2.1	2.1	2.1	1.5	1.5
77.5°	1.5	1.5	1.5	1.5	2.1	1.5	1.5	1.5
80°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0
82.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0
85°	1.5	1.5	1.5	1.5	1.5	1.5	1.0	1.0
87.5°	1.0	1.5	1.5	1.5	1.5	1.0	0.5	0.5
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°	37.1	38.1	38.7	38.7	38.1	36.1	36.6	35.6	34.5	33.5	32.5
70°	18.6	19.1	19.6	19.6	19.1	18.0	18.6	18.0	17.5	17.0	16.0





67.5°	31.4	30.4	28.9	27.3	25.3	24.7	22.2	20.1	18.6	16.0	14.9
70°	15.5	14.9	13.9	12.9	12.4	11.9	10.3	9.8	8.8	7.7	7.2





67.5°	13.4	11.9	10.8	10.3	9.3	8.8	8.2	7.2	6.7	6.7	6.2
70°	6.7	6.2	5.7	5.7	5.2	4.6	4.6	4.1	4.1	4.1	3.6





67.5°	5.7	5.7	5.2	4.6	3.1	2.6	2.1	2.1
70°	3.6	3.6	3.1	3.1	2.6	2.1	2.1	1.5



(END OF REPORT)