

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: P175551

Luminaire Tested: **LDA6A15827D010TE LAR35FL 6LLWW1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P175551
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: LDA6A15827D010TE 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: 912.7 lumens
Efficiency: N/A
Efficacy: 41.0 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

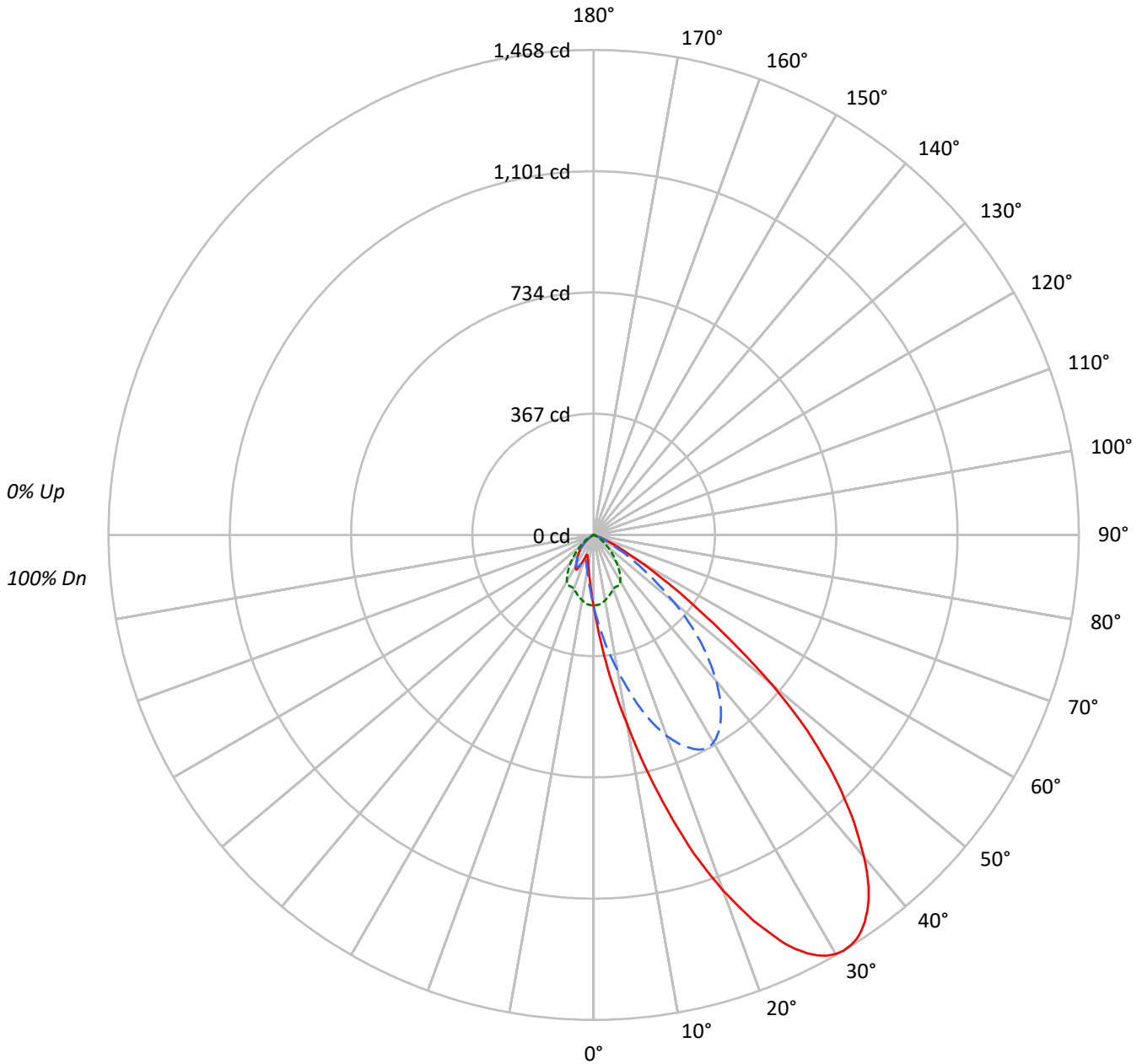
Input Watts (W): 22.27
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P175551

CATALOG NUMBER: LDA6A15827D010TE 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					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°	11819	11819	11819
5°	20113	11617	7429
10°	32297	11172	5116
15°	48945	10670	3961
20°	66827	10174	3699
25°	82493	10331	6769
30°	92748	10236	6855
35°	95693	9095	5762
40°	91114	7586	4959
45°	79497	6039	4070
50°	59955	4554	2704
55°	34627	3164	1424
60°	17926	1984	450
65°	7757	882	233
70°	2613	433	224
75°	868	381	297
80°	568	442	284
85°	314	881	566



TEST NUMBER: P175551

CATALOG NUMBER: LDA6A15827D010TE LAR35FL 6LLWW1

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.1	2.5
10°-20°	93.1	10.2
20°-30°	198.3	21.7
30°-40°	257.4	28.2
40°-50°	215.9	23.7
50°-60°	99.6	10.9
60°-70°	21.5	2.4
70°-80°	2.8	0.3
80°-90°	1.0	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°	314.5	34.5
0°-40°	572.0	62.7
0°-60°	887.4	97.2
0°-90°	912.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	912.7	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	216	216	216	216	216	
5°	366	306	211	151	135	42
15°	862	541	188	87	70	253
25°	1364	715	171	103	112	626
35°	1430	671	136	87	86	883
45°	1025	457	78	54	52	778
55°	362	187	33	20	15	344
65°	60	34	7	3	2	69
75°	4	3	2	2	1	6
85°	0	1	1	1	1	1
90°	0	0	0	0	0	



TEST NUMBER: P175551

CATALOG NUMBER: LDA6A15827D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	215.6	215.6	215.6	215.6	215.6	215.6	215.6	215.6	215.6	215.6	215.6
2.5°	279.0	274.9	278.6	278.6	276.3	274.5	277.6	273.6	275.8	271.8	271.8
5°	365.5	355.1	360.1	359.6	355.6	356.5	355.1	349.2	350.6	344.2	342.4
7.5°	467.0	456.1	461.5	460.2	454.3	453.8	451.6	442.1	442.1	432.6	427.6
10°	580.2	572.1	578.4	575.7	568.4	565.3	561.6	548.5	545.8	531.3	523.1
12.5°	717.0	712.9	706.1	701.6	698.4	693.4	687.1	669.9	663.5	644.1	631.4
15°	862.4	860.6	852.9	853.8	841.6	827.1	830.7	802.1	791.3	765.9	748.7
17.5°	1013.2	1007.8	1000.5	990.6	984.2	967.0	959.3	932.6	916.7	885.0	863.7
20°	1145.5	1143.2	1136.9	1124.2	1114.7	1095.2	1083.0	1052.2	1030.0	992.8	967.0
22.5°	1263.2	1259.6	1253.7	1238.3	1227.0	1203.9	1188.5	1153.2	1126.0	1083.9	1052.6
25°	1363.8	1357.0	1352.0	1333.4	1321.2	1294.0	1275.9	1236.5	1204.4	1157.7	1121.5
26°	1395.0	1389.2	1384.6	1365.1	1352.0	1323.5	1304.5	1263.2	1228.8	1181.3	1142.8
27°	1420.9	1415.9	1412.3	1391.9	1377.8	1348.4	1327.6	1285.9	1249.2	1200.3	1160.4
28°	1441.2	1436.7	1433.1	1411.8	1397.3	1367.0	1344.8	1302.2	1263.7	1213.4	1172.6
29°	1456.2	1451.7	1448.9	1426.3	1411.8	1380.5	1357.4	1313.5	1273.7	1222.5	1180.3
30°	1465.2	1460.7	1458.0	1434.4	1420.0	1388.2	1363.3	1319.4	1277.7	1226.1	1183.1
31°	1468.4	1463.4	1461.6	1437.6	1422.2	1389.6	1364.7	1319.4	1276.8	1224.7	1180.8
32°	1465.7	1461.2	1459.8	1435.4	1419.5	1386.4	1361.1	1315.3	1271.8	1219.3	1174.5
33°	1459.4	1454.8	1453.9	1429.0	1413.2	1379.2	1354.3	1307.6	1263.2	1210.2	1165.4
34°	1447.6	1443.1	1443.1	1417.7	1401.4	1367.4	1342.5	1295.8	1250.1	1197.6	1152.3
35°	1429.9	1428.1	1426.3	1400.5	1384.2	1350.2	1325.3	1278.2	1232.4	1180.3	1134.1
36°	1408.2	1406.8	1405.0	1379.2	1362.4	1328.5	1304.5	1257.3	1211.1	1159.5	1113.8
37°	1382.4	1381.5	1380.1	1354.3	1337.5	1304.0	1279.5	1233.3	1187.1	1136.0	1090.2
38°	1351.1	1351.1	1349.7	1323.9	1307.2	1274.1	1250.6	1204.4	1158.6	1108.3	1063.5
39°	1314.0	1314.9	1314.0	1288.1	1271.4	1238.8	1216.1	1171.3	1125.5	1076.6	1036.3
40°	1273.2	1274.6	1274.1	1248.7	1232.0	1200.3	1178.5	1134.6	1093.8	1041.8	1002.8
42.5°	1157.7	1160.0	1160.4	1136.4	1120.6	1091.1	1071.6	1031.3	988.8	945.3	909.9
45°	1025.4	1029.5	1030.4	1008.7	994.2	967.5	951.2	914.9	883.2	838.4	807.6
47.5°	877.3	883.2	885.5	865.6	851.5	828.4	816.2	785.4	757.8	717.4	691.6
50°	703.0	709.7	704.3	696.2	684.4	666.3	659.0	634.1	604.7	578.9	560.7
51°	627.3	634.6	638.6	622.8	612.8	596.5	591.1	569.8	543.5	521.3	505.9
52°	553.0	560.7	564.8	550.8	542.2	528.6	525.4	506.8	483.7	465.2	452.5
53°	483.3	490.5	486.0	482.8	475.1	463.8	462.0	446.6	426.7	411.3	401.3
54°	419.4	425.8	430.3	419.9	413.1	403.6	403.1	390.4	373.7	360.5	353.3
55°	362.3	368.2	372.3	363.7	357.8	349.7	349.7	339.2	325.2	314.3	308.9
57.5°	247.8	251.8	255.5	249.1	245.0	240.1	241.0	234.6	225.1	218.3	215.1
60°	163.5	166.7	168.9	164.9	162.6	159.4	160.3	156.3	153.1	145.8	144.5
61°	136.3	139.5	141.8	138.1	139.1	133.2	134.5	130.9	128.2	125.0	121.4
62°	112.8	115.5	117.3	114.1	115.0	110.1	111.4	108.7	106.4	103.3	100.6
63°	91.9	94.2	96.0	95.6	94.2	90.1	91.0	88.8	87.0	84.7	82.4
64°	74.7	76.5	77.9	77.9	76.5	72.9	73.8	71.6	70.7	68.4	66.6
65°	59.8	61.1	62.1	62.1	61.1	58.4	58.9	57.5	56.2	54.8	53.4
66°	47.1	48.5	49.4	49.4	48.5	46.2	46.7	45.3	44.4	43.0	42.1



TEST NUMBER: P175551

CATALOG NUMBER: LDA6A15827D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
72.5°	7.7	8.2	8.2	8.2	8.2	7.7	7.7	7.7	7.2	7.2	6.8
75°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	3.6	3.6	3.6	3.6
77.5°	2.7	2.7	2.7	2.7	2.7	2.3	2.3	2.3	2.3	2.3	2.3
80°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.4	1.4	1.4	1.4
82.5°	0.9	1.4	1.4	1.4	1.4	0.9	0.9	0.9	1.4	0.9	0.9
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



TEST NUMBER: P175551

CATALOG NUMBER: LDA6A15827D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	215.6	215.6	215.6	215.6	215.6	215.6	215.6	215.6	215.6	215.6	215.6
2.5°	270.4	268.1	267.7	264.5	259.5	262.2	256.4	256.4	254.1	253.2	249.1
5°	338.3	333.8	331.1	324.8	319.8	318.0	308.4	305.7	300.3	296.2	289.0
7.5°	420.8	412.2	405.8	395.9	386.4	381.8	367.3	360.5	351.5	343.3	332.0
10°	511.8	498.7	488.3	473.3	458.8	449.8	429.8	415.3	404.0	390.9	375.0
12.5°	614.6	596.1	580.2	558.9	538.5	524.5	497.8	476.9	460.2	441.6	420.3
15°	724.7	699.8	678.0	649.5	618.7	602.0	568.4	540.8	518.2	493.2	465.2
17.5°	831.6	799.9	770.9	735.6	698.9	670.8	634.1	599.2	569.8	537.2	505.0
20°	927.2	888.7	852.9	810.8	768.6	733.8	690.3	648.6	612.8	575.2	537.2
22.5°	1006.9	962.0	919.9	872.4	824.3	784.0	734.2	687.1	645.9	603.8	560.3
25°	1069.8	1020.0	972.9	919.9	867.4	822.5	767.3	715.2	669.9	623.7	576.6
26°	1089.8	1037.7	988.8	932.1	880.1	833.4	776.8	722.9	676.2	629.1	580.7
27°	1105.2	1051.3	1000.5	943.5	889.6	841.6	783.1	728.3	679.9	631.8	582.5
28°	1115.6	1060.3	1007.8	949.8	895.0	845.6	786.3	730.1	680.8	632.3	582.0
29°	1122.4	1065.3	1011.4	953.4	897.3	846.5	786.3	729.2	679.4	630.0	579.3
30°	1123.7	1065.8	1011.0	952.1	895.0	843.8	782.7	725.1	674.4	625.1	573.9
31°	1121.5	1061.7	1006.0	947.5	890.0	837.5	776.3	718.8	668.5	618.3	566.6
32°	1114.7	1054.4	998.3	939.4	881.4	828.9	767.7	709.3	659.0	609.2	557.6
33°	1105.6	1044.0	987.4	928.5	871.0	818.0	756.9	698.9	648.6	598.3	547.1
34°	1092.9	1030.9	973.8	915.8	857.9	804.9	743.7	686.2	635.9	586.1	535.4
35°	1075.7	1013.2	956.6	899.5	841.6	789.0	728.3	671.2	621.9	572.5	522.2
36°	1055.8	994.2	937.1	880.5	823.0	770.9	711.6	654.9	606.0	557.1	507.7
37°	1033.6	972.0	915.8	860.1	803.5	751.9	693.4	637.7	589.7	541.3	492.8
38°	1007.8	946.6	891.4	837.0	781.3	730.6	673.5	618.7	571.6	524.0	476.5
39°	977.9	918.1	863.7	811.2	756.9	707.0	651.3	597.9	551.7	505.5	458.8
40°	945.7	887.8	834.8	783.6	730.6	682.1	627.8	576.1	531.3	486.0	440.7
42.5°	857.9	803.5	754.6	708.8	659.9	615.1	566.2	518.6	476.9	435.3	393.6
45°	761.4	712.0	668.1	627.8	583.4	543.5	499.6	456.6	419.0	380.9	343.8
47.5°	652.2	608.7	570.7	536.7	498.2	463.4	425.8	388.6	355.6	322.5	289.9
50°	529.5	494.2	464.3	437.1	406.3	377.7	347.4	317.1	289.9	261.8	234.6
51°	479.2	447.5	420.3	397.2	368.7	343.3	316.1	288.5	263.6	238.2	212.9
52°	429.4	401.8	378.2	357.8	332.9	310.3	285.8	260.9	238.2	215.1	191.6
53°	381.8	357.8	337.4	320.2	298.5	278.6	256.8	235.1	214.2	193.4	172.1
54°	337.0	316.6	299.4	284.9	265.9	248.2	229.6	210.2	191.6	172.1	152.6
55°	295.3	278.1	263.6	251.4	235.1	219.7	203.8	186.6	169.9	152.2	137.2
57.5°	207.0	195.7	186.2	178.5	167.6	159.9	146.3	134.5	124.1	108.7	97.4
60°	139.5	131.8	125.9	121.4	114.1	110.1	100.6	91.9	85.2	73.8	65.7
61°	117.3	111.0	106.0	102.4	96.5	92.9	84.7	77.9	71.6	62.1	54.8
62°	97.4	91.9	90.1	85.2	80.2	77.5	70.7	64.8	59.8	51.2	45.3
63°	79.7	75.2	73.8	69.8	65.7	63.9	58.0	53.4	48.9	41.7	37.1
64°	64.3	60.7	59.8	56.6	53.4	51.6	47.1	43.0	39.4	33.5	29.9
65°	51.2	49.8	47.6	45.3	42.6	41.2	37.6	34.4	31.3	26.7	24.0
66°	40.3	39.4	37.1	35.3	33.1	32.2	29.0	26.7	24.5	20.8	19.0



TEST NUMBER: P175551

CATALOG NUMBER: LDA6A15827D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
72.5°	6.3	6.3	5.9	5.9	5.0	5.0	4.5	4.1	4.1	3.6	3.6
75°	3.2	3.2	3.2	3.2	2.7	2.7	2.7	2.7	2.3	2.3	2.3
77.5°	2.3	2.3	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
80°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
82.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
85°	0.5	0.5	0.5	0.5	0.5	0.9	0.9	0.9	0.9	0.9	0.9
87.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.9	0.9	0.9
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: P175551

CATALOG NUMBER: LDA6A15827D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	215.6	215.6	215.6	215.6	215.6	215.6	215.6	215.6	215.6	215.6	215.6
2.5°	247.8	243.7	241.9	240.5	237.8	235.5	232.4	230.5	226.5	226.9	221.9
5°	284.4	277.2	272.7	267.7	262.2	257.3	250.9	246.4	239.6	237.3	229.6
7.5°	323.4	312.1	304.4	295.3	286.7	278.1	268.1	260.4	251.4	245.5	235.1
10°	361.9	347.9	333.8	320.7	308.0	295.8	282.2	271.8	259.1	250.5	237.8
12.5°	401.8	380.9	363.7	346.5	329.3	313.4	296.2	281.7	265.4	254.5	239.1
15°	441.2	414.9	393.1	371.0	349.7	329.3	308.4	290.8	271.8	257.7	239.6
17.5°	475.6	444.3	417.6	390.0	365.5	341.5	316.6	296.2	274.5	258.2	238.2
20°	502.3	466.5	435.7	404.0	375.9	348.3	321.1	298.5	274.5	256.4	234.6
22.5°	520.9	481.9	447.5	413.1	381.8	352.4	322.5	298.5	273.1	253.6	231.9
25°	533.6	492.3	455.2	418.5	385.4	354.2	323.4	298.0	272.2	252.7	230.1
26°	536.3	494.2	456.6	419.0	385.4	353.7	322.5	297.1	271.3	251.8	229.2
27°	537.2	494.6	456.1	418.5	384.5	352.4	321.1	295.8	269.5	250.0	227.8
28°	535.8	493.2	454.3	416.2	382.3	349.7	318.4	293.0	266.8	247.8	225.1
29°	532.7	489.6	450.7	412.6	378.7	345.6	314.3	289.4	263.2	244.1	221.9
30°	527.2	484.2	445.2	406.7	372.8	340.2	308.9	284.0	258.2	239.1	217.0
31°	520.0	477.4	438.4	399.9	366.0	333.8	302.6	278.1	252.3	233.7	211.5
32°	510.9	469.7	429.8	391.8	357.8	326.1	295.3	270.9	245.5	226.9	205.2
33°	500.5	460.2	420.3	382.7	349.7	318.0	287.2	263.2	238.7	220.1	198.8
34°	489.2	449.8	409.9	373.2	340.2	308.9	279.0	255.5	231.0	212.9	192.5
35°	476.5	438.0	398.6	361.9	330.2	299.4	269.9	246.8	222.8	205.2	185.3
36°	462.9	425.3	386.4	351.9	319.3	289.0	260.9	237.8	214.2	197.0	177.6
37°	448.9	412.2	374.1	340.6	308.4	279.0	251.4	228.7	206.1	189.3	170.3
38°	433.5	398.1	360.5	328.4	296.7	268.1	241.0	219.2	197.5	181.2	162.6
39°	417.2	381.4	346.5	315.2	284.4	256.8	230.5	209.7	188.0	172.6	154.5
40°	400.4	365.5	332.0	301.7	271.8	245.5	219.7	199.3	178.9	163.5	146.3
42.5°	356.9	325.2	294.0	266.8	238.7	214.7	191.1	172.6	154.0	140.4	125.0
45°	310.7	282.6	254.1	229.6	204.3	182.5	161.7	144.9	128.2	116.9	103.7
47.5°	263.6	236.4	211.5	189.8	169.4	148.6	130.9	116.4	102.8	93.8	84.2
50°	210.2	190.2	168.5	150.4	131.4	116.0	101.0	90.6	80.6	74.7	67.5
51°	190.2	171.7	151.7	135.0	117.3	103.3	90.6	81.5	72.9	67.9	61.6
52°	173.5	154.0	135.4	120.0	105.5	91.9	81.1	73.4	66.1	61.6	55.7
53°	153.1	137.7	120.5	106.4	93.3	81.5	72.5	65.7	59.3	55.7	50.7
54°	135.9	121.8	106.0	93.3	82.4	72.5	64.3	58.9	53.4	49.8	45.7
55°	119.6	108.7	92.4	81.5	72.5	63.9	57.5	52.5	47.6	44.8	40.8
57.5°	83.8	74.3	64.3	58.0	52.1	46.7	42.1	38.5	35.3	33.5	30.3
60°	55.7	49.8	43.9	39.9	36.2	33.1	29.9	27.2	24.9	24.0	21.7
61°	46.7	42.1	37.1	34.4	31.3	28.1	25.4	23.6	21.7	20.8	19.0
62°	39.9	35.3	31.3	29.0	26.3	24.0	21.7	19.9	18.6	17.7	16.3
63°	32.6	29.4	26.3	24.5	22.2	19.9	18.6	16.8	15.9	14.9	13.6
64°	26.7	24.0	21.7	19.9	18.6	16.3	15.4	14.0	12.7	12.7	11.3
65°	21.7	19.5	17.7	16.3	14.9	13.6	12.7	11.3	10.4	10.0	9.1
66°	17.2	15.4	14.0	13.1	11.8	10.9	10.0	9.1	8.2	8.2	7.2



TEST NUMBER: P175551

CATALOG NUMBER: LDA6A15827D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
72.5°	3.2	3.2	3.2	2.7	2.7	2.7	2.7	2.3	2.3	2.3	2.3
75°	2.3	2.3	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
77.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
80°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
82.5°	0.9	0.9	0.9	0.9	0.9	1.4	1.4	1.4	1.4	1.4	1.4
85°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.4	1.4
87.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
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: P175551

CATALOG NUMBER: LDA6A15827D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
0°	215.6	215.6	215.6	215.6	215.6	215.6	215.6	215.6
2.5°	220.6	219.7	214.2	212.4	193.9	178.0	171.7	167.6
5°	226.0	222.4	214.7	211.1	176.2	151.3	140.0	135.0
7.5°	229.2	222.8	212.4	207.0	159.0	129.1	115.0	110.1
10°	228.7	220.6	208.4	200.7	143.1	111.0	96.9	91.9
12.5°	228.3	217.9	203.8	194.3	130.0	97.8	83.3	78.8
15°	226.9	214.2	198.8	188.0	118.7	87.0	73.8	69.8
17.5°	223.3	209.7	192.5	180.7	109.2	78.8	67.5	63.4
20°	218.8	203.8	186.6	174.4	103.3	75.6	66.1	63.4
22.5°	215.1	199.7	182.5	170.8	105.1	85.2	84.7	86.5
25°	213.8	198.8	181.6	170.8	114.1	102.8	108.7	111.9
26°	212.9	198.4	181.6	170.8	116.9	107.3	112.8	116.4
27°	211.5	197.0	180.7	169.9	118.2	109.6	114.6	117.3
28°	209.3	194.8	178.5	168.5	118.2	109.6	113.7	116.0
29°	206.1	192.0	175.7	165.8	116.9	107.8	111.0	112.8
30°	201.6	187.5	171.7	161.7	113.7	105.1	106.9	108.3
31°	196.1	182.5	166.7	157.2	110.5	101.5	102.8	103.7
32°	190.2	176.6	161.2	152.2	106.4	97.4	98.3	98.7
33°	183.9	170.8	155.8	146.8	102.8	93.8	93.8	94.2
34°	177.6	164.4	150.8	141.3	99.2	90.6	89.7	90.1
35°	171.2	158.1	144.9	135.9	95.6	87.0	86.1	86.1
36°	164.0	151.3	138.6	130.0	91.9	84.2	82.4	82.4
37°	157.2	144.9	132.7	124.1	87.9	81.1	79.3	78.8
38°	149.9	138.1	126.4	118.2	84.2	77.9	76.1	75.6
39°	142.7	131.4	120.0	112.3	80.6	74.7	73.4	72.5
40°	135.0	124.1	113.7	106.0	77.0	71.1	70.2	69.3
42.5°	115.0	105.5	96.9	91.5	67.9	62.5	61.1	61.6
45°	95.6	88.3	81.5	77.9	58.9	53.9	52.5	52.5
47.5°	78.4	72.9	68.4	64.8	49.4	44.8	43.5	41.7
50°	63.4	59.3	55.7	53.4	40.8	36.2	33.5	31.7
51°	58.0	54.4	51.2	48.9	37.1	32.6	29.4	27.6
52°	52.5	49.4	46.7	44.8	33.5	29.0	25.8	24.0
53°	47.6	44.8	42.6	40.8	30.3	25.8	22.6	20.8
54°	43.0	40.3	38.5	36.7	27.2	22.6	19.0	17.7
55°	39.0	36.2	34.9	33.1	24.0	19.5	15.9	14.9
57.5°	29.0	27.2	26.3	24.9	17.7	12.7	9.5	8.2
60°	20.8	19.5	19.0	18.1	11.3	6.8	5.0	4.1
61°	18.1	17.2	16.3	15.4	9.1	5.4	4.1	3.6
62°	15.4	14.5	13.6	13.1	7.2	4.5	3.6	3.2
63°	12.7	12.2	11.3	10.9	5.9	3.6	3.2	2.7
64°	10.4	10.0	9.1	8.6	5.0	3.2	2.7	2.3
65°	8.6	8.2	7.2	6.8	4.1	2.7	2.3	1.8
66°	6.8	6.3	5.9	5.4	3.6	2.7	1.8	1.8



TEST NUMBER: P175551

CATALOG NUMBER: LDA6A15827D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
72.5°	2.3	2.3	1.8	1.8	1.8	1.8	1.8	1.4
75°	1.8	1.8	1.8	1.8	1.8	1.8	1.4	1.4
77.5°	1.4	1.4	1.4	1.4	1.8	1.4	1.4	1.4
80°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	0.9
82.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	0.9
85°	1.4	1.4	1.4	1.4	1.4	1.4	0.9	0.9
87.5°	0.9	1.4	1.4	1.4	1.4	0.9	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°	32.6	33.5	34.0	34.0	33.5	31.7	32.2	31.3	30.3	29.4	28.5
70°	16.3	16.8	17.2	17.2	16.8	15.9	16.3	15.9	15.4	14.9	14.0





67.5°	27.6	26.7	25.4	24.0	22.2	21.7	19.5	17.7	16.3	14.0	13.1
70°	13.6	13.1	12.2	11.3	10.9	10.4	9.1	8.6	7.7	6.8	6.3





67.5°	11.8	10.4	9.5	9.1	8.2	7.7	7.2	6.3	5.9	5.9	5.4
70°	5.9	5.4	5.0	5.0	4.5	4.1	4.1	3.6	3.6	3.6	3.2





67.5°	5.0	5.0	4.5	4.1	2.7	2.3	1.8	1.8
70°	3.2	3.2	2.7	2.7	2.3	1.8	1.8	1.4



(END OF REPORT)