

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: P175558

Luminaire Tested: **LDA6A15940D010TE LAR35FL 6LLWW1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P175558
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: LDA6A15940D010TE LAR35FL 6LLWW1
Description: PORTFOLIO 6" Lensed Wall Wash, Self-flanged, 35° Flood Optic, at 30° tilt
Light Source: (1) HIGH LUMEN LED 90CRI / 4000K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 914.2 lumens
Efficiency: N/A
Efficacy: 41.1 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

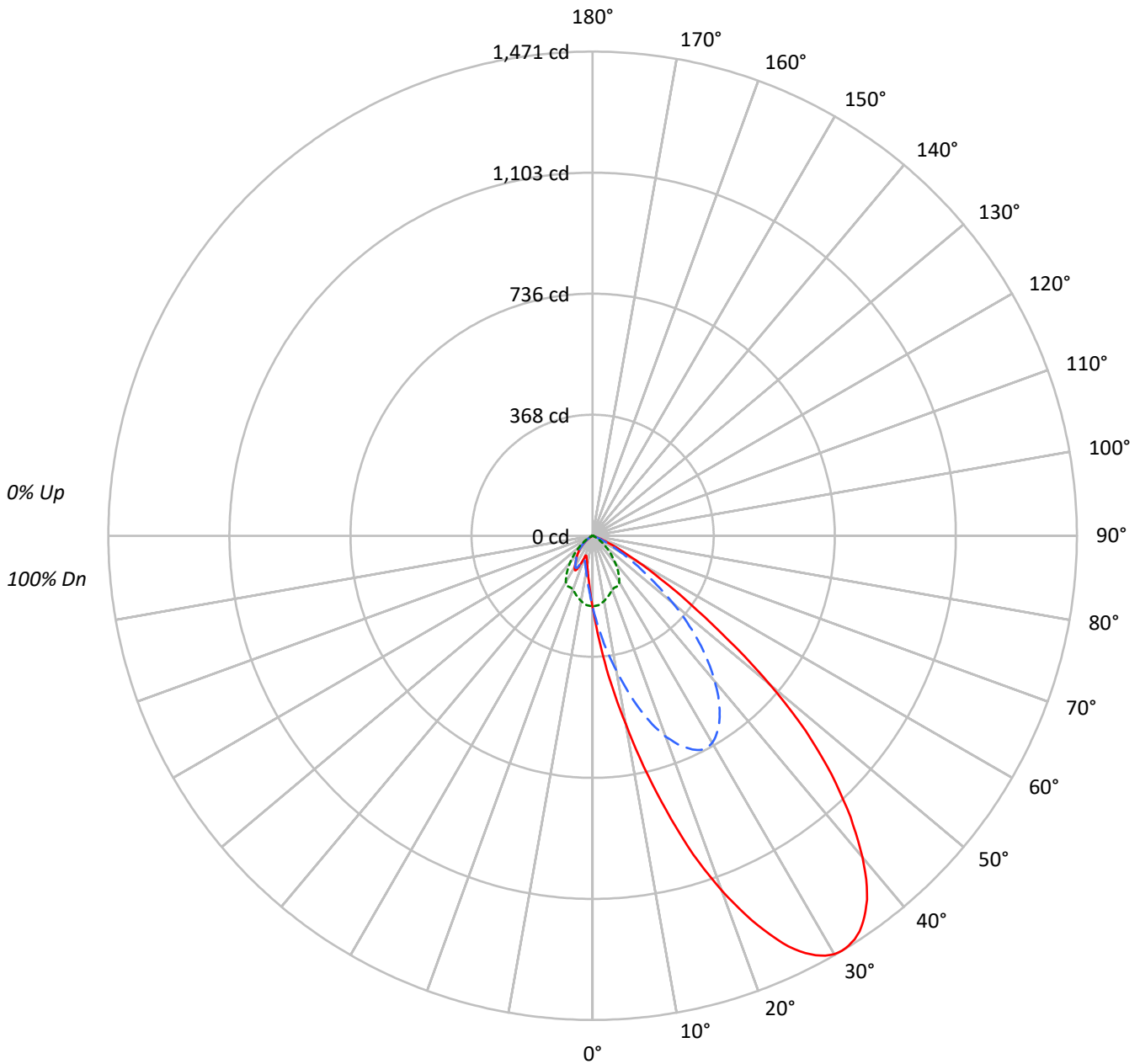
Input Watts (W): 22.27
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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°	11841	11841	11841
5°	20146	11633	7440
10°	32353	11189	5127
15°	49024	10687	3967
20°	66937	10192	3704
25°	82626	10343	6781
30°	92907	10255	6862
35°	95854	9108	5769
40°	91264	7600	4966
45°	79628	6047	4078
50°	60049	4563	2712
55°	34685	3164	1434
60°	17959	1984	450
65°	7770	882	233
70°	2613	433	224
75°	868	381	297
80°	568	442	284
85°	314	881	566



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.2	2.5
10°-20°	93.2	10.2
20°-30°	198.6	21.7
30°-40°	257.9	28.2
40°-50°	216.3	23.7
50°-60°	99.7	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°	315.0	34.5
0°-40°	572.9	62.7
0°-60°	888.9	97.2
0°-90°	914.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	914.2	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	216	216	216	216	216	
5°	366	306	211	152	135	42
15°	864	542	188	87	70	254
25°	1366	716	171	103	112	627
35°	1432	672	136	87	86	884
45°	1027	457	78	54	53	779
55°	363	187	33	20	15	345
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	



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	216.0	216.0	216.0	216.0	216.0	216.0	216.0	216.0	216.0	216.0	216.0
2.5°	279.5	275.4	279.0	279.0	276.7	274.9	278.1	274.0	276.3	272.2	272.2
5°	366.1	355.7	360.7	360.2	356.1	357.0	355.7	349.8	351.2	344.8	343.0
7.5°	467.7	456.9	462.3	460.9	455.0	454.6	452.3	442.8	442.8	433.3	428.3
10°	581.2	573.0	579.4	576.6	569.4	566.2	562.6	549.4	546.7	532.2	524.0
12.5°	718.2	714.1	707.3	702.8	699.6	694.6	688.2	671.0	664.6	645.1	632.4
15°	863.8	862.0	854.3	855.2	842.9	828.4	832.1	803.5	792.6	767.2	749.9
17.5°	1014.9	1009.4	1002.2	992.2	985.9	968.6	960.9	934.1	918.3	886.5	865.2
20°	1147.4	1145.1	1138.7	1126.0	1116.5	1097.0	1084.8	1053.9	1031.7	994.5	968.6
22.5°	1265.3	1261.7	1255.8	1240.4	1229.0	1205.9	1190.5	1155.1	1127.9	1085.7	1054.4
25°	1366.0	1359.2	1354.2	1335.6	1323.4	1296.2	1278.0	1238.6	1206.3	1159.6	1123.3
26°	1397.3	1391.4	1386.9	1367.4	1354.2	1325.7	1306.6	1265.3	1230.8	1183.2	1144.6
27°	1423.2	1418.2	1414.6	1394.2	1380.1	1350.6	1329.7	1288.0	1251.3	1202.3	1162.3
28°	1443.6	1439.1	1435.5	1414.1	1399.6	1369.2	1347.0	1304.3	1265.8	1215.4	1174.6
29°	1458.6	1454.1	1451.3	1428.6	1414.1	1382.8	1359.7	1315.7	1275.8	1224.5	1182.3
30°	1467.7	1463.1	1460.4	1436.8	1422.3	1390.5	1365.6	1321.6	1279.8	1228.1	1185.0
31°	1470.8	1465.8	1464.0	1440.0	1424.6	1391.9	1366.9	1321.6	1278.9	1226.8	1182.8
32°	1468.1	1463.6	1462.2	1437.7	1421.8	1388.7	1363.3	1317.5	1273.9	1221.3	1176.4
33°	1461.8	1457.2	1456.3	1431.4	1415.5	1381.5	1356.5	1309.8	1265.3	1212.2	1167.3
34°	1450.0	1445.4	1445.4	1420.0	1403.7	1369.7	1344.7	1298.0	1252.2	1199.5	1154.2
35°	1432.3	1430.5	1428.6	1402.8	1386.5	1352.4	1327.5	1280.3	1234.5	1182.3	1136.0
36°	1410.5	1409.1	1407.3	1381.5	1364.7	1330.7	1306.6	1259.4	1213.1	1161.4	1115.6
37°	1384.6	1383.7	1382.4	1356.5	1339.7	1306.2	1281.7	1235.4	1189.1	1137.8	1092.0
38°	1353.3	1353.3	1352.0	1326.1	1309.3	1276.2	1252.6	1206.3	1160.5	1110.2	1065.2
39°	1316.1	1317.0	1316.1	1290.3	1273.5	1240.8	1218.1	1173.2	1127.4	1078.4	1038.0
40°	1275.3	1276.7	1276.2	1250.8	1234.0	1202.3	1180.5	1136.5	1095.6	1043.5	1004.5
42.5°	1159.6	1161.9	1162.3	1138.3	1122.4	1092.9	1073.4	1033.0	990.4	946.8	911.4
45°	1027.1	1031.2	1032.1	1010.4	995.8	969.1	952.7	916.4	884.7	839.8	808.9
47.5°	878.8	884.7	886.9	867.0	852.9	829.8	817.5	786.7	759.0	718.6	692.8
50°	704.1	710.9	705.5	697.3	685.5	667.4	660.1	635.2	605.7	579.8	561.7
51°	628.4	635.6	639.7	623.8	613.8	597.5	592.1	570.7	544.4	522.2	506.8
52°	553.9	561.7	565.7	551.7	543.1	529.4	526.3	507.7	484.5	465.9	453.2
53°	484.1	491.3	486.8	483.6	475.9	464.6	462.8	447.3	427.4	411.9	402.0
54°	420.1	426.5	431.0	420.6	413.8	404.2	403.8	391.1	374.3	361.1	353.9
55°	362.9	368.8	372.9	364.3	358.4	350.2	350.2	339.8	325.7	314.9	309.4
57.5°	248.2	252.2	255.9	249.5	245.4	240.5	241.4	235.0	225.5	218.7	215.5
60°	163.8	167.0	169.2	165.1	162.9	159.7	160.6	156.5	153.3	146.1	144.7
61°	136.6	139.7	142.0	138.4	139.3	133.4	134.7	131.1	128.4	125.2	121.6
62°	113.0	115.7	117.5	114.3	115.2	110.2	111.6	108.9	106.6	103.4	100.7
63°	92.1	94.4	96.2	95.7	94.4	90.3	91.2	88.9	87.1	84.8	82.6
64°	74.9	76.7	78.0	78.0	76.7	73.0	74.0	71.7	70.8	68.5	66.7
65°	59.9	61.2	62.2	62.2	61.2	58.5	59.0	57.6	56.3	54.9	53.5
66°	47.2	48.5	49.5	49.5	48.5	46.3	46.7	45.4	44.5	43.1	42.2



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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°	7.7	8.2	8.2	8.2	8.2	7.7	7.7	7.7	7.3	7.3	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



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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°	216.0	216.0	216.0	216.0	216.0	216.0	216.0	216.0	216.0	216.0	216.0
2.5°	270.8	268.6	268.1	265.0	260.0	262.7	256.8	256.8	254.5	253.6	249.5
5°	338.9	334.4	331.6	325.3	320.3	318.5	309.0	306.2	300.8	296.7	289.4
7.5°	421.5	412.9	406.5	396.5	387.0	382.5	367.9	361.1	352.1	343.9	332.5
10°	512.7	499.5	489.1	474.1	459.6	450.5	430.5	416.0	404.7	391.5	375.6
12.5°	615.6	597.0	581.2	559.8	539.4	525.4	498.6	477.7	460.9	442.3	421.0
15°	725.9	700.9	679.2	650.6	619.7	602.9	569.4	541.7	519.0	494.1	465.9
17.5°	833.0	801.2	772.2	736.8	700.0	671.9	635.2	600.2	570.7	538.1	505.9
20°	928.7	890.1	854.3	812.1	769.9	735.0	691.4	649.7	613.8	576.2	538.1
22.5°	1008.5	963.6	921.4	873.8	825.7	785.3	735.4	688.2	647.0	604.8	561.2
25°	1071.6	1021.7	974.5	921.4	868.8	823.9	768.5	716.4	671.0	624.7	577.5
26°	1091.6	1039.4	990.4	933.7	881.5	834.8	778.1	724.1	677.3	630.2	581.6
27°	1107.0	1053.0	1002.2	945.0	891.0	842.9	784.4	729.5	681.0	632.9	583.4
28°	1117.4	1062.1	1009.4	951.4	896.5	847.0	787.6	731.3	681.9	633.3	583.0
29°	1124.2	1067.1	1013.1	955.0	898.7	847.9	787.6	730.4	680.5	631.1	580.3
30°	1125.6	1067.5	1012.6	953.6	896.5	845.2	784.0	726.3	675.5	626.1	574.8
31°	1123.3	1063.4	1007.6	949.1	891.5	838.9	777.6	720.0	669.6	619.3	567.6
32°	1116.5	1056.2	999.9	940.9	882.9	830.2	769.0	710.5	660.1	610.2	558.5
33°	1107.4	1045.7	989.0	930.0	872.4	819.4	758.1	700.0	649.7	599.3	548.0
34°	1094.7	1032.6	975.4	917.3	859.3	806.2	744.9	687.3	637.0	587.1	536.3
35°	1077.5	1014.9	958.2	901.0	842.9	790.3	729.5	672.4	622.9	573.5	523.1
36°	1057.5	995.8	938.7	882.0	824.3	772.2	712.7	656.0	607.0	558.0	508.6
37°	1035.3	973.6	917.3	861.5	804.8	753.1	694.6	638.8	590.7	542.2	493.6
38°	1009.4	948.2	892.8	838.4	782.6	731.8	674.6	619.7	572.5	524.9	477.3
39°	979.5	919.6	865.2	812.5	758.1	708.2	652.4	598.9	552.6	506.3	459.6
40°	947.3	889.2	836.1	784.9	731.8	683.2	628.8	577.1	532.2	486.8	441.4
42.5°	859.3	804.8	755.8	710.0	661.0	616.1	567.1	519.5	477.7	436.0	394.3
45°	762.6	713.2	669.2	628.8	584.3	544.4	500.4	457.3	419.7	381.5	344.3
47.5°	653.3	609.7	571.6	537.6	499.1	464.1	426.5	389.3	356.1	323.0	290.4
50°	530.4	495.0	465.0	437.8	407.0	378.4	348.0	317.6	290.4	262.2	235.0
51°	480.0	448.2	421.0	397.9	369.3	343.9	316.7	289.0	264.0	238.6	213.2
52°	430.1	402.4	378.8	358.4	333.5	310.8	286.3	261.3	238.6	215.5	191.9
53°	382.5	358.4	338.0	320.8	299.0	279.0	257.2	235.5	214.6	193.7	172.4
54°	337.5	317.1	299.9	285.4	266.3	248.6	230.0	210.5	191.9	172.4	152.9
55°	295.8	278.6	264.0	251.8	235.5	220.0	204.2	186.9	170.1	152.4	137.5
57.5°	207.3	196.0	186.5	178.8	167.9	160.1	146.5	134.7	124.3	108.9	97.5
60°	139.7	132.0	126.1	121.6	114.3	110.2	100.7	92.1	85.3	74.0	65.8
61°	117.5	111.2	106.2	102.5	96.6	93.0	84.8	78.0	71.7	62.2	54.9
62°	97.5	92.1	90.3	85.3	80.3	77.6	70.8	64.9	59.9	51.3	45.4
63°	79.8	75.3	74.0	69.9	65.8	64.0	58.1	53.5	49.0	41.7	37.2
64°	64.4	60.8	59.9	56.7	53.5	51.7	47.2	43.1	39.5	33.6	29.9
65°	51.3	49.9	47.6	45.4	42.6	41.3	37.7	34.5	31.3	26.8	24.0
66°	40.4	39.5	37.2	35.4	33.1	32.2	29.0	26.8	24.5	20.9	19.1



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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°	6.4	6.4	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



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CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	216.0	216.0	216.0	216.0	216.0	216.0	216.0	216.0	216.0	216.0	216.0
2.5°	248.2	244.1	242.3	240.9	238.2	235.9	232.7	230.9	226.8	227.3	222.3
5°	284.9	277.7	273.1	268.1	262.7	257.7	251.3	246.8	240.0	237.7	230.0
7.5°	323.9	312.6	304.9	295.8	287.2	278.6	268.6	260.9	251.8	245.9	235.5
10°	362.5	348.4	334.4	321.2	308.5	296.3	282.6	272.2	259.5	250.9	238.2
12.5°	402.4	381.5	364.3	347.1	329.8	313.9	296.7	282.2	265.9	255.0	239.5
15°	441.9	415.6	393.8	371.6	350.2	329.8	309.0	291.3	272.2	258.1	240.0
17.5°	476.4	445.1	418.3	390.6	366.1	342.1	317.1	296.7	274.9	258.6	238.6
20°	503.1	467.3	436.4	404.7	376.6	348.9	321.7	299.0	274.9	256.8	235.0
22.5°	521.7	482.7	448.2	413.8	382.5	353.0	323.0	299.0	273.6	254.1	232.3
25°	534.4	493.2	456.0	419.2	386.1	354.8	323.9	298.5	272.7	253.2	230.5
26°	537.2	495.0	457.3	419.7	386.1	354.3	323.0	297.6	271.8	252.2	229.6
27°	538.1	495.4	456.9	419.2	385.2	353.0	321.7	296.3	269.9	250.4	228.2
28°	536.7	494.1	455.0	416.9	382.9	350.2	318.9	293.5	267.2	248.2	225.5
29°	533.5	490.4	451.4	413.3	379.3	346.2	314.9	289.9	263.6	244.5	222.3
30°	528.1	485.0	446.0	407.4	373.4	340.7	309.4	284.5	258.6	239.5	217.3
31°	520.8	478.2	439.2	400.6	366.6	334.4	303.1	278.6	252.7	234.1	211.9
32°	511.8	470.5	430.5	392.4	358.4	326.7	295.8	271.3	245.9	227.3	205.5
33°	501.3	460.9	421.0	383.4	350.2	318.5	287.6	263.6	239.1	220.5	199.2
34°	490.0	450.5	410.6	373.8	340.7	309.4	279.5	255.9	231.4	213.2	192.8
35°	477.3	438.7	399.2	362.5	330.7	299.9	270.4	247.3	223.2	205.5	185.6
36°	463.7	426.0	387.0	352.5	319.8	289.4	261.3	238.2	214.6	197.4	177.8
37°	449.6	412.9	374.7	341.2	309.0	279.5	251.8	229.1	206.4	189.6	170.6
38°	434.2	398.8	361.1	328.9	297.2	268.6	241.4	219.6	197.8	181.5	162.9
39°	417.8	382.0	347.1	315.8	284.9	257.2	230.9	210.1	188.3	172.9	154.7
40°	401.1	366.1	332.5	302.2	272.2	245.9	220.0	199.6	179.2	163.8	146.5
42.5°	357.5	325.7	294.4	267.2	239.1	215.0	191.5	172.9	154.3	140.6	125.2
45°	311.2	283.1	254.5	230.0	204.6	182.8	162.0	145.2	128.4	117.1	103.9
47.5°	264.0	236.8	211.9	190.1	169.7	148.8	131.1	116.6	103.0	93.9	84.4
50°	210.5	190.5	168.8	150.6	131.6	116.1	101.2	90.7	80.8	74.9	67.6
51°	190.5	171.9	152.0	135.2	117.5	103.4	90.7	81.7	73.0	68.1	61.7
52°	173.8	154.3	135.7	120.2	105.7	92.1	81.2	73.5	66.2	61.7	55.8
53°	153.3	137.9	120.7	106.6	93.5	81.7	72.6	65.8	59.4	55.8	50.8
54°	136.1	122.0	106.2	93.5	82.6	72.6	64.4	59.0	53.5	49.9	45.8
55°	119.8	108.9	92.6	81.7	72.6	64.0	57.6	52.6	47.6	44.9	40.8
57.5°	83.9	74.4	64.4	58.1	52.2	46.7	42.2	38.6	35.4	33.6	30.4
60°	55.8	49.9	44.0	39.9	36.3	33.1	29.9	27.2	25.0	24.0	21.8
61°	46.7	42.2	37.2	34.5	31.3	28.1	25.4	23.6	21.8	20.9	19.1
62°	39.9	35.4	31.3	29.0	26.3	24.0	21.8	20.0	18.6	17.7	16.3
63°	32.7	29.5	26.3	24.5	22.2	20.0	18.6	16.8	15.9	15.0	13.6
64°	26.8	24.0	21.8	20.0	18.6	16.3	15.4	14.1	12.7	12.7	11.3
65°	21.8	19.5	17.7	16.3	15.0	13.6	12.7	11.3	10.4	10.0	9.1
66°	17.2	15.4	14.1	13.2	11.8	10.9	10.0	9.1	8.2	8.2	7.3



TEST NUMBER: P175558

CATALOG NUMBER: LDA6A15940D010TE 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: P175558

CATALOG NUMBER: LDA6A15940D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
0°	216.0	216.0	216.0	216.0	216.0	216.0	216.0	216.0
2.5°	220.9	220.0	214.6	212.8	194.2	178.3	171.9	167.9
5°	226.4	222.8	215.0	211.4	176.5	151.5	140.2	135.2
7.5°	229.6	223.2	212.8	207.3	159.2	129.3	115.2	110.2
10°	229.1	220.9	208.7	201.0	143.4	111.2	97.1	92.1
12.5°	228.7	218.2	204.2	194.6	130.2	98.0	83.5	78.9
15°	227.3	214.6	199.2	188.3	118.9	87.1	74.0	69.9
17.5°	223.7	210.1	192.8	181.0	109.3	78.9	67.6	63.5
20°	219.1	204.2	186.9	174.7	103.4	75.8	66.2	63.5
22.5°	215.5	200.1	182.8	171.0	105.3	85.3	84.8	86.7
25°	214.1	199.2	181.9	171.0	114.3	103.0	108.9	112.1
26°	213.2	198.7	181.9	171.0	117.1	107.5	113.0	116.6
27°	211.9	197.4	181.0	170.1	118.4	109.8	114.8	117.5
28°	209.6	195.1	178.8	168.8	118.4	109.8	113.9	116.1
29°	206.4	192.4	176.0	166.0	117.1	108.0	111.2	113.0
30°	201.9	187.8	171.9	162.0	113.9	105.3	107.1	108.4
31°	196.4	182.8	167.0	157.4	110.7	101.6	103.0	103.9
32°	190.5	176.9	161.5	152.4	106.6	97.5	98.4	98.9
33°	184.2	171.0	156.1	147.0	103.0	93.9	93.9	94.4
34°	177.8	164.7	151.1	141.5	99.4	90.7	89.8	90.3
35°	171.5	158.3	145.2	136.1	95.7	87.1	86.2	86.2
36°	164.2	151.5	138.8	130.2	92.1	84.4	82.6	82.6
37°	157.4	145.2	132.9	124.3	88.0	81.2	79.4	78.9
38°	150.2	138.4	126.6	118.4	84.4	78.0	76.2	75.8
39°	142.9	131.6	120.2	112.5	80.8	74.9	73.5	72.6
40°	135.2	124.3	113.9	106.2	77.1	71.2	70.3	69.4
42.5°	115.2	105.7	97.1	91.6	68.1	62.6	61.2	61.7
45°	95.7	88.5	81.7	78.0	59.0	54.0	52.6	52.6
47.5°	78.5	73.0	68.5	64.9	49.5	44.9	43.6	41.7
50°	63.5	59.4	55.8	53.5	40.8	36.3	33.6	31.8
51°	58.1	54.4	51.3	49.0	37.2	32.7	29.5	27.7
52°	52.6	49.5	46.7	44.9	33.6	29.0	25.9	24.0
53°	47.6	44.9	42.6	40.8	30.4	25.9	22.7	20.9
54°	43.1	40.4	38.6	36.7	27.2	22.7	19.1	17.7
55°	39.0	36.3	34.9	33.1	24.0	19.5	15.9	15.0
57.5°	29.0	27.2	26.3	25.0	17.7	12.7	9.5	8.2
60°	20.9	19.5	19.1	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	13.2	7.3	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	7.3	6.8	4.1	2.7	2.3	1.8
66°	6.8	6.4	5.9	5.4	3.6	2.7	1.8	1.8



TEST NUMBER: P175558

CATALOG NUMBER: LDA6A15940D010TE 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°	32.7	33.6	34.0	34.0	33.6	31.8	32.2	31.3	30.4	29.5	28.6
70°	16.3	16.8	17.2	17.2	16.8	15.9	16.3	15.9	15.4	15.0	14.1





67.5°	27.7	26.8	25.4	24.0	22.2	21.8	19.5	17.7	16.3	14.1	13.2
70°	13.6	13.2	12.2	11.3	10.9	10.4	9.1	8.6	7.7	6.8	6.4





67.5°	11.8	10.4	9.5	9.1	8.2	7.7	7.3	6.4	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)