

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: P175548

Luminaire Tested: **LDA6A10930D010TE LAR35FL 6LLWW1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P175548
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: LDA6A10930D010TE LAR35FL 6LLWW1
Description: PORTFOLIO 6" Lensed Wall Wash, Self-flanged, 35° Flood Optic, at 30° tilt
Light Source: (1) HIGH LUMEN LED 90CRI / 3000K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 569.3 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

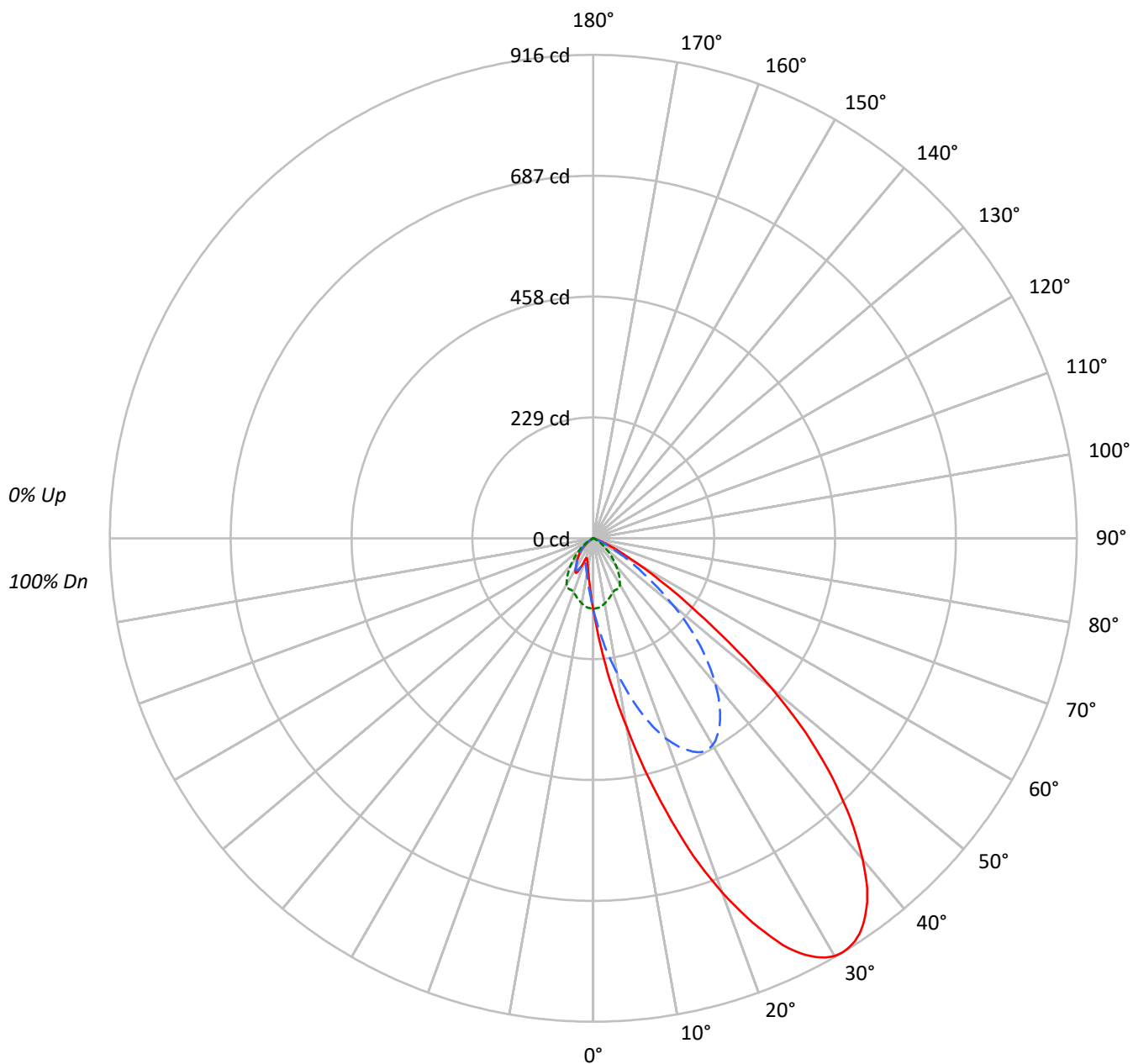
Input Watts (W): 13.84
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P175548

CATALOG NUMBER: LDA6A10930D010TE LAR35FL 6LLWW1

Luminous Intensity Polar Plot





TEST NUMBER: P175548

CATALOG NUMBER: LDA6A10930D010TE LAR35FL 6LLWW1

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
RCR																				
0	119	119	119	119	116	116	116	116		111	111	111		106	106	106		102	102	102
1	112	108	105	102	109	106	103	100		102	99	97		98	96	94		94	93	92
2	104	97	92	87	101	96	91	86		92	88	85		89	86	83		86	83	81
3	96	88	81	76	94	86	80	75		83	78	74		81	76	72		78	74	71
4	89	79	71	66	87	78	71	65		75	69	65		73	68	64		71	67	63
5	82	71	63	58	80	70	63	57		68	62	57		66	61	56		65	60	56
6	76	64	57	51	75	64	56	51		62	55	50		60	54	50		59	54	49
7	71	59	51	45	69	58	50	45		56	50	45		55	49	44		54	48	44
8	66	53	46	40	64	53	45	40		52	45	40		50	44	40		49	44	40
9	61	49	41	36	60	48	41	36		47	41	36		46	40	36		45	40	36
10	57	45	38	33	56	45	37	33		44	37	32		43	37	32		42	36	32

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°
0°	7373	7373	7373
5°	12547	7247	4633
10°	20145	6969	3195
15°	30528	6657	2469
20°	41683	6347	2310
25°	51457	6442	4222
30°	57857	6387	4273
35°	59695	5675	3594
40°	56835	4730	3092
45°	49594	3768	2543
50°	37397	2840	1689
55°	21600	1969	889
60°	11183	1239	274
65°	4838	545	143
70°	1635	272	128
75°	530	233	169
80°	347	253	189
85°	189	503	377



TEST NUMBER: P175548

CATALOG NUMBER: LDA6A10930D010TE LAR35FL 6LLWW1

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	14.4	2.5
10°-20°	58.1	10.2
20°-30°	123.7	21.7
30°-40°	160.6	28.2
40°-50°	134.7	23.7
50°-60°	62.1	10.9
60°-70°	13.4	2.4
70°-80°	1.7	0.3
80°-90°	0.6	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°	196.2	34.5
0°-40°	356.8	62.7
0°-60°	553.6	97.2
0°-90°	569.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	569.3	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	134	134	134	134	134	
5°	228	191	132	94	84	26
15°	538	337	117	54	44	158
25°	851	446	106	64	70	390
35°	892	419	85	54	54	551
45°	640	285	49	34	33	485
55°	226	116	21	12	9	215
65°	37	22	4	2	1	43
75°	2	2	1	1	1	4
85°	0	1	1	1	1	0
90°	0	0	0	0	0	



TEST NUMBER: P175548

CATALOG NUMBER: LDA6A10930D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	134.5	134.5	134.5	134.5	134.5	134.5	134.5	134.5	134.5	134.5	134.5
2.5°	174.0	171.5	173.8	173.8	172.3	171.2	173.2	170.7	172.1	169.5	169.5
5°	228.0	221.5	224.6	224.3	221.8	222.4	221.5	217.8	218.7	214.7	213.6
7.5°	291.3	284.5	287.9	287.1	283.4	283.1	281.7	275.8	275.8	269.8	266.7
10°	361.9	356.8	360.8	359.1	354.6	352.6	350.3	342.1	340.5	331.4	326.3
12.5°	447.3	444.7	440.5	437.6	435.7	432.6	428.6	417.9	413.9	401.8	393.9
15°	537.9	536.8	532.0	532.6	524.9	515.9	518.2	500.4	493.6	477.8	467.0
17.5°	632.0	628.6	624.1	617.9	613.9	603.2	598.4	581.7	571.8	552.1	538.8
20°	714.5	713.1	709.2	701.2	695.3	683.2	675.5	656.3	642.5	619.3	603.2
22.5°	788.0	785.7	782.1	772.4	765.4	751.0	741.4	719.3	702.4	676.1	656.6
25°	850.7	846.5	843.4	831.8	824.2	807.2	795.9	771.3	751.3	722.2	699.6
26°	870.2	866.5	863.7	851.6	843.4	825.6	813.7	788.0	766.5	736.8	712.8
27°	886.3	883.2	880.9	868.2	859.5	841.1	828.1	802.1	779.2	748.7	723.9
28°	899.0	896.2	893.9	880.7	871.6	852.7	838.8	812.3	788.3	756.9	731.5
29°	908.3	905.5	903.8	889.7	880.7	861.2	846.8	819.3	794.5	762.6	736.3
30°	914.0	911.2	909.5	894.8	885.7	866.0	850.4	823.0	797.0	764.8	738.0
31°	916.0	912.9	911.7	896.8	887.2	866.8	851.3	823.0	796.5	764.0	736.6
32°	914.3	911.5	910.6	895.3	885.5	864.8	849.0	820.5	793.4	760.6	732.6
33°	910.3	907.5	906.9	891.4	881.5	860.3	844.8	815.7	788.0	754.9	727.0
34°	903.0	900.2	900.2	884.3	874.2	853.0	837.4	808.3	779.8	747.0	718.8
35°	892.0	890.8	889.7	873.6	863.4	842.2	826.7	797.3	768.8	736.3	707.5
36°	878.4	877.5	876.4	860.3	849.9	828.7	813.7	784.3	755.5	723.3	694.7
37°	862.3	861.7	860.9	844.8	834.3	813.4	798.2	769.3	740.5	708.6	680.1
38°	842.8	842.8	841.9	825.8	815.4	794.8	780.1	751.3	722.7	691.4	663.4
39°	819.6	820.2	819.6	803.5	793.1	772.7	758.6	730.6	702.1	671.6	646.4
40°	794.2	795.0	794.8	778.9	768.5	748.7	735.2	707.7	682.3	649.8	625.5
42.5°	722.2	723.6	723.9	708.9	699.0	680.6	668.5	643.3	616.8	589.6	567.6
45°	639.7	642.2	642.8	629.2	620.2	603.5	593.3	570.7	550.9	523.0	503.8
47.5°	547.3	550.9	552.4	539.9	531.2	516.8	509.1	489.9	472.7	447.5	431.4
50°	438.5	442.7	439.3	434.3	426.9	415.6	411.1	395.5	377.2	361.1	349.8
51°	391.3	395.8	398.4	388.5	382.3	372.1	368.7	355.4	339.0	325.2	315.6
52°	345.0	349.8	352.3	343.6	338.2	329.7	327.7	316.2	301.7	290.2	282.3
53°	301.5	306.0	303.2	301.2	296.4	289.3	288.2	278.6	266.1	256.5	250.3
54°	261.6	265.6	268.4	261.9	257.7	251.7	251.5	243.5	233.1	224.9	220.4
55°	226.0	229.7	232.2	226.9	223.2	218.1	218.1	211.6	202.9	196.1	192.7
57.5°	154.5	157.1	159.3	155.4	152.9	149.7	150.3	146.4	140.4	136.2	134.2
60°	102.0	104.0	105.4	102.8	101.4	99.5	100.0	97.5	95.5	91.0	90.1
61°	85.0	87.0	88.4	86.2	86.7	83.1	83.9	81.7	80.0	78.0	75.7
62°	70.4	72.0	73.2	71.2	71.8	68.7	69.5	67.8	66.4	64.4	62.7
63°	57.4	58.8	59.9	59.6	58.8	56.2	56.8	55.4	54.2	52.8	51.4
64°	46.6	47.7	48.6	48.6	47.7	45.5	46.1	44.6	44.1	42.7	41.5
65°	37.3	38.1	38.7	38.7	38.1	36.4	36.7	35.9	35.0	34.2	33.3
66°	29.4	30.2	30.8	30.8	30.2	28.8	29.1	28.3	27.7	26.8	26.3



TEST NUMBER: P175548

CATALOG NUMBER: LDA6A10930D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
72.5°	4.8	5.1	5.1	5.1	5.1	4.8	4.8	4.8	4.5	4.5	4.2
75°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.3	2.3	2.3	2.3
77.5°	1.7	1.7	1.7	1.7	1.7	1.4	1.4	1.4	1.4	1.4	1.4
80°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.8	0.8	0.8	0.8
82.5°	0.6	0.8	0.8	0.8	0.8	0.6	0.6	0.6	0.8	0.6	0.6
85°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3
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: P175548

CATALOG NUMBER: LDA6A10930D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	134.5	134.5	134.5	134.5	134.5	134.5	134.5	134.5	134.5	134.5	134.5
2.5°	168.7	167.3	167.0	165.0	161.9	163.6	159.9	159.9	158.5	157.9	155.4
5°	211.1	208.2	206.5	202.6	199.5	198.3	192.4	190.7	187.3	184.8	180.3
7.5°	262.5	257.1	253.2	246.9	241.0	238.2	229.1	224.9	219.2	214.2	207.1
10°	319.3	311.1	304.6	295.2	286.2	280.6	268.1	259.1	252.0	243.8	233.9
12.5°	383.4	371.8	361.9	348.6	335.9	327.2	310.5	297.5	287.1	275.5	262.2
15°	452.1	436.5	423.0	405.2	385.9	375.5	354.6	337.3	323.2	307.7	290.2
17.5°	518.7	499.0	480.9	458.8	435.9	418.4	395.5	373.8	355.4	335.1	315.0
20°	578.3	554.3	532.0	505.7	479.5	457.7	430.6	404.6	382.3	358.8	335.1
22.5°	628.1	600.1	573.8	544.2	514.2	489.1	458.0	428.6	402.9	376.6	349.5
25°	667.3	636.3	606.9	573.8	541.1	513.1	478.6	446.1	417.9	389.0	359.7
26°	679.8	647.3	616.8	581.5	549.0	519.9	484.5	450.9	421.8	392.4	362.2
27°	689.4	655.8	624.1	588.5	554.9	524.9	488.5	454.3	424.1	394.1	363.3
28°	695.9	661.4	628.6	592.5	558.3	527.5	490.5	455.4	424.6	394.4	363.1
29°	700.1	664.5	630.9	594.7	559.7	528.1	490.5	454.9	423.8	393.0	361.4
30°	701.0	664.8	630.6	593.9	558.3	526.4	488.2	452.3	420.7	389.9	358.0
31°	699.6	662.3	627.5	591.1	555.2	522.4	484.3	448.4	417.0	385.7	353.4
32°	695.3	657.7	622.7	586.0	549.8	517.0	478.9	442.4	411.1	380.0	347.8
33°	689.7	651.2	615.9	579.2	543.3	510.3	472.1	435.9	404.6	373.2	341.3
34°	681.8	643.0	607.4	571.3	535.1	502.1	463.9	428.0	396.7	365.6	334.0
35°	671.0	632.0	596.7	561.1	524.9	492.2	454.3	418.7	387.9	357.1	325.8
36°	658.6	620.2	584.6	549.2	513.4	480.9	443.9	408.5	378.0	347.5	316.7
37°	644.7	606.3	571.3	536.5	501.2	469.0	432.6	397.8	367.9	337.6	307.4
38°	628.6	590.5	556.0	522.1	487.4	455.7	420.1	385.9	356.6	326.9	297.2
39°	610.0	572.7	538.8	506.0	472.1	441.0	406.3	372.9	344.1	315.3	286.2
40°	589.9	553.8	520.7	488.8	455.7	425.5	391.6	359.4	331.4	303.2	274.9
42.5°	535.1	501.2	470.7	442.2	411.7	383.7	353.2	323.5	297.5	271.5	245.5
45°	474.9	444.1	416.7	391.6	363.9	339.0	311.6	284.8	261.3	237.6	214.4
47.5°	406.8	379.7	356.0	334.8	310.8	289.0	265.6	242.4	221.8	201.2	180.8
50°	330.3	308.2	289.6	272.6	253.4	235.6	216.7	197.8	180.8	163.3	146.4
51°	298.9	279.1	262.2	247.8	230.0	214.2	197.2	180.0	164.4	148.6	132.8
52°	267.8	250.6	235.9	223.2	207.7	193.5	178.3	162.7	148.6	134.2	119.5
53°	238.2	223.2	210.5	199.8	186.2	173.8	160.2	146.6	133.6	120.6	107.4
54°	210.2	197.5	186.8	177.7	165.8	154.8	143.2	131.1	119.5	107.4	95.2
55°	184.2	173.5	164.4	156.8	146.6	137.0	127.1	116.4	106.0	94.9	85.6
57.5°	129.1	122.1	116.1	111.3	104.5	99.7	91.3	83.9	77.4	67.8	60.7
60°	87.0	82.2	78.5	75.7	71.2	68.7	62.7	57.4	53.1	46.1	41.0
61°	73.2	69.2	66.1	63.9	60.2	57.9	52.8	48.6	44.6	38.7	34.2
62°	60.7	57.4	56.2	53.1	50.0	48.3	44.1	40.4	37.3	31.9	28.3
63°	49.7	46.9	46.1	43.5	41.0	39.8	36.2	33.3	30.5	26.0	23.2
64°	40.1	37.9	37.3	35.3	33.3	32.2	29.4	26.8	24.6	20.9	18.6
65°	31.9	31.1	29.7	28.3	26.6	25.7	23.5	21.5	19.5	16.7	15.0
66°	25.1	24.6	23.2	22.0	20.6	20.1	18.1	16.7	15.3	13.0	11.9



TEST NUMBER: P175548

CATALOG NUMBER: LDA6A10930D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
72.5°	4.0	4.0	3.7	3.7	3.1	3.1	2.8	2.5	2.5	2.3	2.3
75°	2.0	2.0	2.0	2.0	1.7	1.7	1.7	1.7	1.4	1.4	1.4
77.5°	1.4	1.4	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
80°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
82.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
85°	0.3	0.3	0.3	0.3	0.3	0.6	0.6	0.6	0.6	0.6	0.6
87.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	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



TEST NUMBER: P175548

CATALOG NUMBER: LDA6A10930D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	134.5	134.5	134.5	134.5	134.5	134.5	134.5	134.5	134.5	134.5	134.5
2.5°	154.5	152.0	150.9	150.0	148.3	146.9	144.9	143.8	141.3	141.5	138.4
5°	177.4	172.9	170.1	167.0	163.6	160.5	156.5	153.7	149.5	148.0	143.2
7.5°	201.7	194.7	189.9	184.2	178.8	173.5	167.3	162.5	156.8	153.1	146.6
10°	225.7	217.0	208.2	200.0	192.1	184.5	176.0	169.5	161.6	156.2	148.3
12.5°	250.6	237.6	226.9	216.1	205.4	195.5	184.8	175.7	165.6	158.8	149.2
15°	275.2	258.8	245.2	231.4	218.1	205.4	192.4	181.4	169.5	160.8	149.5
17.5°	296.7	277.2	260.5	243.3	228.0	213.0	197.5	184.8	171.2	161.0	148.6
20°	313.3	291.0	271.8	252.0	234.5	217.3	200.3	186.2	171.2	159.9	146.4
22.5°	324.9	300.6	279.1	257.7	238.2	219.8	201.2	186.2	170.4	158.2	144.7
25°	332.8	307.1	283.9	261.1	240.4	220.9	201.7	185.9	169.8	157.7	143.5
26°	334.5	308.2	284.8	261.3	240.4	220.7	201.2	185.3	169.2	157.1	143.0
27°	335.1	308.5	284.5	261.1	239.9	219.8	200.3	184.5	168.1	156.0	142.1
28°	334.2	307.7	283.4	259.6	238.5	218.1	198.6	182.8	166.4	154.5	140.4
29°	332.3	305.4	281.1	257.4	236.2	215.6	196.1	180.5	164.2	152.3	138.4
30°	328.9	302.0	277.7	253.7	232.5	212.2	192.7	177.1	161.0	149.2	135.3
31°	324.3	297.8	273.5	249.5	228.3	208.2	188.7	173.5	157.4	145.8	131.9
32°	318.7	293.0	268.1	244.4	223.2	203.4	184.2	169.0	153.1	141.5	128.0
33°	312.2	287.1	262.2	238.7	218.1	198.3	179.1	164.2	148.9	137.3	124.0
34°	305.1	280.6	255.7	232.8	212.2	192.7	174.0	159.3	144.1	132.8	120.1
35°	297.2	273.2	248.6	225.7	206.0	186.8	168.4	154.0	139.0	128.0	115.6
36°	288.7	265.3	241.0	219.5	199.2	180.3	162.7	148.3	133.6	122.9	110.8
37°	280.0	257.1	233.4	212.5	192.4	174.0	156.8	142.7	128.6	118.1	106.2
38°	270.4	248.3	224.9	204.8	185.1	167.3	150.3	136.7	123.2	113.0	101.4
39°	260.2	237.9	216.1	196.6	177.4	160.2	143.8	130.8	117.3	107.6	96.3
40°	249.8	228.0	207.1	188.2	169.5	153.1	137.0	124.3	111.6	102.0	91.3
42.5°	222.6	202.9	183.4	166.4	148.9	133.9	119.2	107.6	96.1	87.6	78.0
45°	193.8	176.3	158.5	143.2	127.4	113.9	100.9	90.4	80.0	72.9	64.7
47.5°	164.4	147.5	131.9	118.4	105.7	92.7	81.7	72.6	64.1	58.5	52.6
50°	131.1	118.7	105.1	93.8	81.9	72.3	63.0	56.5	50.3	46.6	42.1
51°	118.7	107.1	94.6	84.2	73.2	64.4	56.5	50.9	45.5	42.4	38.4
52°	108.2	96.1	84.5	74.9	65.8	57.4	50.6	45.8	41.2	38.4	34.8
53°	95.5	85.9	75.2	66.4	58.2	50.9	45.2	41.0	37.0	34.8	31.6
54°	84.8	76.0	66.1	58.2	51.4	45.2	40.1	36.7	33.3	31.1	28.5
55°	74.6	67.8	57.6	50.9	45.2	39.8	35.9	32.8	29.7	28.0	25.4
57.5°	52.3	46.3	40.1	36.2	32.5	29.1	26.3	24.0	22.0	20.9	18.9
60°	34.8	31.1	27.4	24.9	22.6	20.6	18.6	17.0	15.5	15.0	13.6
61°	29.1	26.3	23.2	21.5	19.5	17.5	15.8	14.7	13.6	13.0	11.9
62°	24.9	22.0	19.5	18.1	16.4	15.0	13.6	12.4	11.6	11.0	10.2
63°	20.3	18.4	16.4	15.3	13.8	12.4	11.6	10.5	9.9	9.3	8.5
64°	16.7	15.0	13.6	12.4	11.6	10.2	9.6	8.8	7.9	7.9	7.1
65°	13.6	12.1	11.0	10.2	9.3	8.5	7.9	7.1	6.5	6.2	5.7
66°	10.7	9.6	8.8	8.2	7.3	6.8	6.2	5.7	5.1	5.1	4.5



TEST NUMBER: P175548

CATALOG NUMBER: LDA6A10930D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
72.5°	2.0	2.0	2.0	1.7	1.7	1.7	1.7	1.4	1.4	1.4	1.4
75°	1.4	1.4	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
77.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
80°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
82.5°	0.6	0.6	0.6	0.6	0.6	0.8	0.8	0.8	0.8	0.8	0.8
85°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.8	0.8
87.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	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



TEST NUMBER: P175548

CATALOG NUMBER: LDA6A10930D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
0°	134.5	134.5	134.5	134.5	134.5	134.5	134.5	134.5
2.5°	137.6	137.0	133.6	132.5	120.9	111.0	107.1	104.5
5°	141.0	138.7	133.9	131.7	109.9	94.4	87.3	84.2
7.5°	143.0	139.0	132.5	129.1	99.2	80.5	71.8	68.7
10°	142.7	137.6	130.0	125.2	89.3	69.2	60.5	57.4
12.5°	142.4	135.9	127.1	121.2	81.1	61.0	52.0	49.2
15°	141.5	133.6	124.0	117.3	74.0	54.2	46.1	43.5
17.5°	139.3	130.8	120.1	112.7	68.1	49.2	42.1	39.6
20°	136.5	127.1	116.4	108.8	64.4	47.2	41.2	39.6
22.5°	134.2	124.6	113.9	106.5	65.5	53.1	52.8	54.0
25°	133.4	124.0	113.3	106.5	71.2	64.1	67.8	69.8
26°	132.8	123.7	113.3	106.5	72.9	67.0	70.4	72.6
27°	131.9	122.9	112.7	106.0	73.7	68.4	71.5	73.2
28°	130.5	121.5	111.3	105.1	73.7	68.4	70.9	72.3
29°	128.6	119.8	109.6	103.4	72.9	67.2	69.2	70.4
30°	125.7	117.0	107.1	100.9	70.9	65.5	66.7	67.5
31°	122.3	113.9	104.0	98.0	68.9	63.3	64.1	64.7
32°	118.7	110.2	100.6	94.9	66.4	60.7	61.3	61.6
33°	114.7	106.5	97.2	91.5	64.1	58.5	58.5	58.8
34°	110.8	102.6	94.1	88.2	61.9	56.5	55.9	56.2
35°	106.8	98.6	90.4	84.8	59.6	54.2	53.7	53.7
36°	102.3	94.4	86.5	81.1	57.4	52.6	51.4	51.4
37°	98.0	90.4	82.8	77.4	54.8	50.6	49.4	49.2
38°	93.5	86.2	78.8	73.7	52.6	48.6	47.5	47.2
39°	89.0	81.9	74.9	70.1	50.3	46.6	45.8	45.2
40°	84.2	77.4	70.9	66.1	48.0	44.4	43.8	43.2
42.5°	71.8	65.8	60.5	57.1	42.4	39.0	38.1	38.4
45°	59.6	55.1	50.9	48.6	36.7	33.6	32.8	32.8
47.5°	48.9	45.5	42.7	40.4	30.8	28.0	27.1	26.0
50°	39.6	37.0	34.8	33.3	25.4	22.6	20.9	19.8
51°	36.2	33.9	31.9	30.5	23.2	20.3	18.4	17.2
52°	32.8	30.8	29.1	28.0	20.9	18.1	16.1	15.0
53°	29.7	28.0	26.6	25.4	18.9	16.1	14.1	13.0
54°	26.8	25.1	24.0	22.9	17.0	14.1	11.9	11.0
55°	24.3	22.6	21.8	20.6	15.0	12.1	9.9	9.3
57.5°	18.1	17.0	16.4	15.5	11.0	7.9	5.9	5.1
60°	13.0	12.1	11.9	11.3	7.1	4.2	3.1	2.5
61°	11.3	10.7	10.2	9.6	5.7	3.4	2.5	2.3
62°	9.6	9.0	8.5	8.2	4.5	2.8	2.3	2.0
63°	7.9	7.6	7.1	6.8	3.7	2.3	2.0	1.7
64°	6.5	6.2	5.7	5.4	3.1	2.0	1.7	1.4
65°	5.4	5.1	4.5	4.2	2.5	1.7	1.4	1.1
66°	4.2	4.0	3.7	3.4	2.3	1.7	1.1	1.1



TEST NUMBER: P175548

CATALOG NUMBER: LDA6A10930D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
72.5°	1.4	1.4	1.1	1.1	1.1	1.1	1.1	0.8
75°	1.1	1.1	1.1	1.1	1.1	1.1	0.8	0.8
77.5°	0.8	0.8	0.8	0.8	1.1	0.8	0.8	0.8
80°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.6
82.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.6
85°	0.8	0.8	0.8	0.8	0.8	0.8	0.6	0.6
87.5°	0.6	0.8	0.8	0.8	0.8	0.6	0.3	0.3
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°	20.3	20.9	21.2	21.2	20.9	19.8	20.1	19.5	18.9	18.4	17.8
70°	10.2	10.5	10.7	10.7	10.5	9.9	10.2	9.9	9.6	9.3	8.8





67.5°	17.2	16.7	15.8	15.0	13.8	13.6	12.1	11.0	10.2	8.8	8.2
70°	8.5	8.2	7.6	7.1	6.8	6.5	5.7	5.4	4.8	4.2	4.0





67.5°	7.3	6.5	5.9	5.7	5.1	4.8	4.5	4.0	3.7	3.7	3.4
70°	3.7	3.4	3.1	3.1	2.8	2.5	2.5	2.3	2.3	2.3	2.0





67.5°	3.1	3.1	2.8	2.5	1.7	1.4	1.1	1.1
70°	2.0	2.0	1.7	1.7	1.4	1.1	1.1	0.8



(END OF REPORT)