

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: P175550

Luminaire Tested: **LDA6A10940D010TE LAR35FL 6LLWW1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P175550
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: LDA6A10940D010TE 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: 616.0 lumens
Efficiency: N/A
Efficacy: 44.5 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

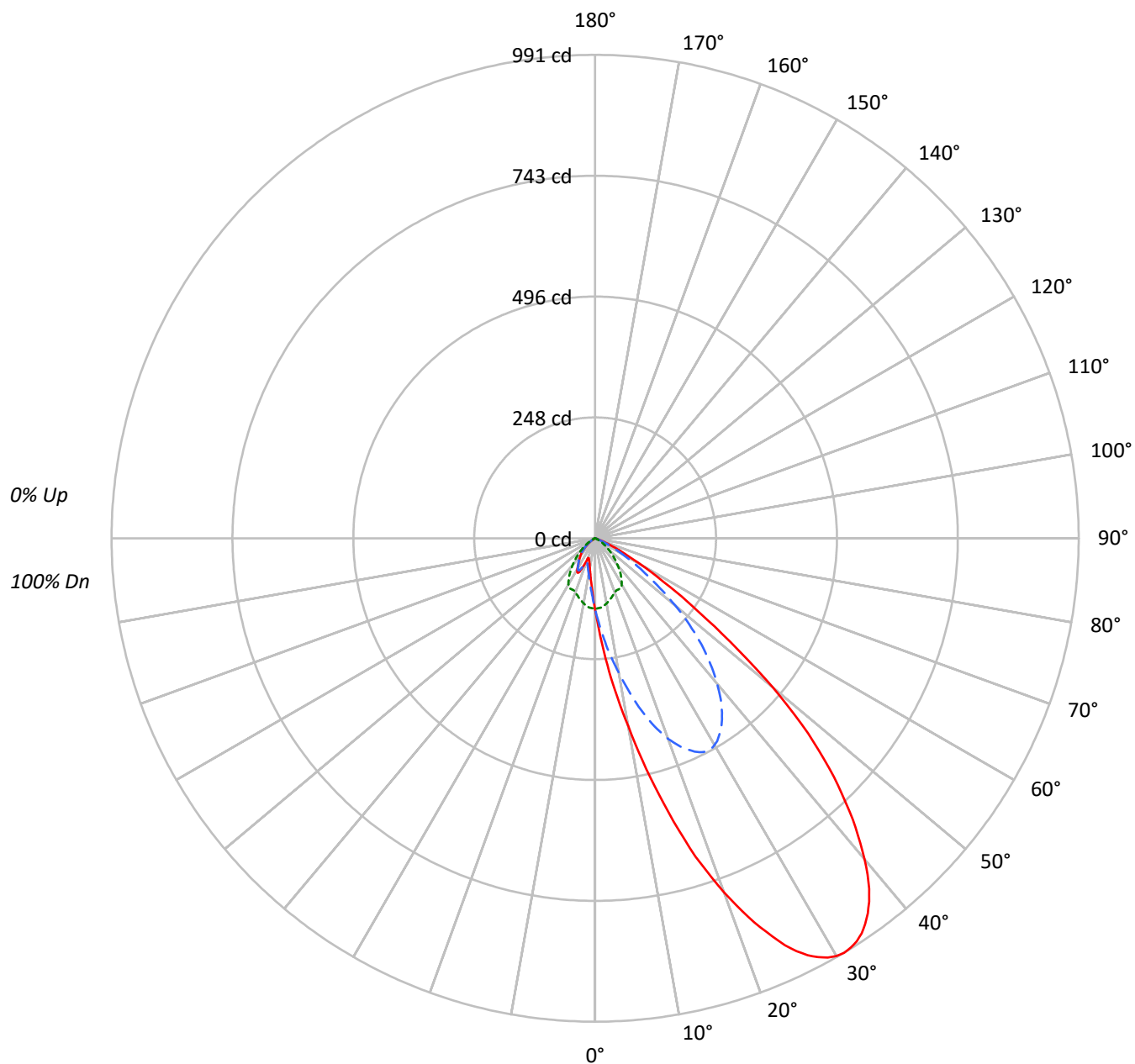
Input Watts (W): 13.84
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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°	7976	7976	7976
5°	13576	7842	5013
10°	21799	7537	3457
15°	33037	7202	2673
20°	45101	6866	2497
25°	55679	6968	4567
30°	62598	6906	4627
35°	64587	6137	3888
40°	61494	5117	3349
45°	53657	4078	2752
50°	40459	3079	1825
55°	23378	2131	965
60°	12104	1338	307
65°	5241	597	156
70°	1763	289	144
75°	593	254	191
80°	379	284	189
85°	189	566	377



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.6	2.5
10°-20°	62.8	10.2
20°-30°	133.8	21.7
30°-40°	173.8	28.2
40°-50°	145.7	23.7
50°-60°	67.2	10.9
60°-70°	14.5	2.4
70°-80°	1.9	0.3
80°-90°	0.7	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°	212.3	34.5
0°-40°	386.0	62.7
0°-60°	599.0	97.2
0°-90°	616.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	616.0	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	146	146	146	146	146	
5°	247	206	142	102	91	28
15°	582	365	127	59	47	171
25°	920	483	115	69	76	422
35°	965	453	92	59	58	596
45°	692	308	53	36	36	525
55°	245	126	22	13	10	232
65°	40	23	5	2	1	46
75°	3	2	1	1	1	4
85°	0	1	1	1	1	0
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°	145.5	145.5	145.5	145.5	145.5	145.5	145.5	145.5	145.5	145.5	145.5
2.5°	188.3	185.6	188.0	188.0	186.5	185.3	187.4	184.6	186.2	183.4	183.4
5°	246.7	239.7	243.0	242.7	240.0	240.6	239.7	235.7	236.6	232.3	231.1
7.5°	315.2	307.8	311.5	310.6	306.6	306.3	304.8	298.4	298.4	291.9	288.6
10°	391.6	386.1	390.4	388.5	383.7	381.5	379.1	370.2	368.4	358.6	353.1
12.5°	483.9	481.2	476.6	473.5	471.4	468.0	463.7	452.1	447.9	434.7	426.1
15°	582.1	580.8	575.6	576.2	568.0	558.2	560.7	541.4	534.1	516.9	505.3
17.5°	683.9	680.2	675.3	668.6	664.3	652.7	647.5	629.4	618.7	597.3	583.0
20°	773.1	771.6	767.3	758.7	752.3	739.2	730.9	710.1	695.2	670.1	652.7
22.5°	852.6	850.2	846.2	835.8	828.1	812.6	802.2	778.3	760.0	731.5	710.4
25°	920.5	915.9	912.5	900.0	891.7	873.4	861.2	834.6	812.9	781.4	756.9
26°	941.6	937.6	934.5	921.4	912.5	893.3	880.4	852.6	829.4	797.3	771.3
27°	959.0	955.6	953.2	939.4	929.9	910.1	896.0	867.9	843.1	810.1	783.2
28°	972.7	969.7	967.2	952.9	943.1	922.6	907.6	878.9	852.9	819.0	791.5
29°	982.8	979.8	977.9	962.7	952.9	931.8	916.2	886.5	859.6	825.1	796.7
30°	988.9	985.9	984.0	968.2	958.4	937.0	920.2	890.5	862.4	827.5	798.5
31°	991.1	987.7	986.5	970.3	959.9	937.9	921.1	890.5	861.8	826.6	797.0
32°	989.2	986.2	985.3	968.8	958.1	935.7	918.6	887.8	858.4	822.9	792.7
33°	985.0	981.9	981.3	964.5	953.8	930.9	914.0	882.6	852.6	816.8	786.6
34°	977.0	974.0	974.0	956.8	945.8	922.9	906.1	874.6	843.7	808.3	777.7
35°	965.1	963.9	962.7	945.2	934.2	911.3	894.5	862.7	831.8	796.7	765.5
36°	950.4	949.5	948.3	930.9	919.5	896.6	880.4	848.6	817.4	782.6	751.7
37°	933.0	932.4	931.5	914.0	902.7	880.1	863.6	832.4	801.2	766.7	735.8
38°	911.9	911.9	911.0	893.6	882.3	859.9	844.0	812.9	782.0	748.0	717.8
39°	886.8	887.4	886.8	869.4	858.1	836.1	820.8	790.5	759.7	726.6	699.4
40°	859.3	860.2	859.9	842.8	831.5	810.1	795.4	765.8	738.3	703.1	676.8
42.5°	781.4	782.9	783.2	767.0	756.3	736.4	723.3	696.1	667.3	638.0	614.2
45°	692.1	694.9	695.5	680.8	671.0	653.0	642.0	617.5	596.1	565.9	545.1
47.5°	592.1	596.1	597.6	584.2	574.7	559.1	550.9	530.1	511.4	484.2	466.8
50°	474.4	479.0	475.4	469.9	461.9	449.7	444.8	428.0	408.1	390.7	378.5
51°	423.4	428.3	431.0	420.3	413.6	402.6	398.9	384.6	366.8	351.9	341.5
52°	373.3	378.5	381.2	371.7	365.9	356.8	354.6	342.1	326.5	314.0	305.4
53°	326.2	331.1	328.0	325.9	320.7	313.0	311.8	301.4	288.0	277.6	270.9
54°	283.1	287.4	290.4	283.4	278.8	272.4	272.1	263.5	252.2	243.3	238.4
55°	244.6	248.5	251.3	245.5	241.5	236.0	236.0	229.0	219.5	212.2	208.5
57.5°	167.2	170.0	172.4	168.1	165.4	162.0	162.6	158.4	151.9	147.3	145.2
60°	110.4	112.5	114.0	111.3	109.7	107.6	108.2	105.5	103.3	98.4	97.5
61°	92.0	94.2	95.7	93.2	93.8	89.9	90.8	88.3	86.5	84.4	81.9
62°	76.1	78.0	79.2	77.0	77.6	74.3	75.2	73.4	71.8	69.7	67.9
63°	62.1	63.6	64.8	64.5	63.6	60.8	61.4	59.9	58.7	57.2	55.6
64°	50.4	51.7	52.6	52.6	51.7	49.2	49.8	48.3	47.7	46.2	44.9
65°	40.4	41.3	41.9	41.9	41.3	39.4	39.7	38.8	37.9	37.0	36.1
66°	31.8	32.7	33.3	33.3	32.7	31.2	31.5	30.6	30.0	29.0	28.4



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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°	5.2	5.5	5.5	5.5	5.5	5.2	5.2	5.2	4.9	4.9	4.6
75°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.4	2.4	2.4	2.4
77.5°	1.8	1.8	1.8	1.8	1.8	1.5	1.5	1.5	1.5	1.5	1.5
80°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.9	0.9	0.9	0.9
82.5°	0.6	0.9	0.9	0.9	0.9	0.6	0.6	0.6	0.9	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



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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°	145.5	145.5	145.5	145.5	145.5	145.5	145.5	145.5	145.5	145.5	145.5
2.5°	182.5	181.0	180.7	178.5	175.2	177.0	173.0	173.0	171.5	170.9	168.1
5°	228.4	225.3	223.5	219.2	215.8	214.6	208.2	206.3	202.7	199.9	195.0
7.5°	284.0	278.2	273.9	267.2	260.8	257.7	247.9	243.3	237.2	231.7	224.1
10°	345.4	336.6	329.5	319.5	309.7	303.6	290.1	280.3	272.7	263.8	253.1
12.5°	414.8	402.3	391.6	377.2	363.5	354.0	336.0	321.9	310.6	298.1	283.7
15°	489.1	472.3	457.6	438.4	417.6	406.3	383.7	365.0	349.7	332.9	314.0
17.5°	561.3	539.9	520.3	496.5	471.7	452.7	428.0	404.4	384.6	362.6	340.9
20°	625.8	599.8	575.6	547.2	518.8	495.2	465.9	437.8	413.6	388.2	362.6
22.5°	679.6	649.3	620.9	588.8	556.4	529.2	495.5	463.7	435.9	407.5	378.2
25°	722.1	688.4	656.6	620.9	585.4	555.2	517.9	482.7	452.1	420.9	389.2
26°	735.5	700.4	667.3	629.1	594.0	562.5	524.3	487.9	456.4	424.6	391.9
27°	745.9	709.5	675.3	636.8	600.4	568.0	528.6	491.6	458.9	426.5	393.1
28°	752.9	715.6	680.2	641.1	604.1	570.7	530.7	492.8	459.5	426.8	392.8
29°	757.5	719.0	682.6	643.5	605.6	571.4	530.7	492.2	458.6	425.2	391.0
30°	758.4	719.3	682.3	642.6	604.1	569.5	528.3	489.4	455.2	421.9	387.3
31°	756.9	716.6	679.0	639.5	600.7	565.2	524.0	485.1	451.2	417.3	382.4
32°	752.3	711.7	673.8	634.0	594.9	559.4	518.2	478.7	444.8	411.2	376.3
33°	746.2	704.6	666.4	626.7	587.9	552.1	510.8	471.7	437.8	403.8	369.3
34°	737.7	695.8	657.3	618.1	579.0	543.2	502.0	463.1	429.2	395.6	361.3
35°	726.0	683.9	645.6	607.1	568.0	532.5	491.6	453.0	419.7	386.4	352.5
36°	712.6	671.0	632.5	594.3	555.5	520.3	480.3	442.0	409.0	376.0	342.7
37°	697.6	656.0	618.1	580.5	542.3	507.5	468.0	430.4	398.0	365.3	332.6
38°	680.2	638.9	601.6	564.9	527.3	493.1	454.6	417.6	385.8	353.7	321.6
39°	660.0	619.7	583.0	547.5	510.8	477.2	439.6	403.5	372.3	341.2	309.7
40°	638.3	599.2	563.4	528.9	493.1	460.4	423.7	388.9	358.6	328.0	297.4
42.5°	579.0	542.3	509.3	478.4	445.4	415.1	382.1	350.0	321.9	293.8	265.7
45°	513.9	480.6	450.9	423.7	393.7	366.8	337.2	308.1	282.8	257.1	232.0
47.5°	440.2	410.9	385.2	362.3	336.3	312.7	287.4	262.3	240.0	217.7	195.6
50°	357.4	333.5	313.3	295.0	274.2	255.0	234.5	214.0	195.6	176.7	158.4
51°	323.4	302.0	283.7	268.1	248.8	231.7	213.4	194.7	177.9	160.8	143.7
52°	289.8	271.2	255.3	241.5	224.7	209.4	192.9	176.1	160.8	145.2	129.3
53°	257.7	241.5	227.7	216.1	201.5	188.0	173.3	158.7	144.6	130.5	116.2
54°	227.4	213.7	202.1	192.3	179.4	167.5	155.0	141.8	129.3	116.2	103.0
55°	199.3	187.7	177.9	169.7	158.7	148.3	137.6	125.9	114.6	102.7	92.6
57.5°	139.7	132.1	125.6	120.4	113.1	107.9	98.7	90.8	83.8	73.4	65.7
60°	94.2	89.0	85.0	81.9	77.0	74.3	67.9	62.1	57.5	49.8	44.3
61°	79.2	74.9	71.5	69.1	65.1	62.7	57.2	52.6	48.3	41.9	37.0
62°	65.7	62.1	60.8	57.5	54.1	52.3	47.7	43.7	40.4	34.5	30.6
63°	53.8	50.7	49.8	47.1	44.3	43.1	39.1	36.1	33.0	28.1	25.1
64°	43.4	41.0	40.4	38.2	36.1	34.8	31.8	29.0	26.6	22.6	20.2
65°	34.5	33.6	32.1	30.6	28.7	27.8	25.4	23.2	21.1	18.0	16.2
66°	27.2	26.6	25.1	23.8	22.3	21.7	19.6	18.0	16.5	14.1	12.8



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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°	4.3	4.3	4.0	4.0	3.4	3.4	3.1	2.8	2.8	2.4	2.4
75°	2.1	2.1	2.1	2.1	1.8	1.8	1.8	1.8	1.5	1.5	1.5
77.5°	1.5	1.5	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
80°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
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



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CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	145.5	145.5	145.5	145.5	145.5	145.5	145.5	145.5	145.5	145.5	145.5
2.5°	167.2	164.5	163.2	162.3	160.5	159.0	156.8	155.6	152.9	153.2	149.8
5°	192.0	187.1	184.0	180.7	177.0	173.6	169.4	166.3	161.7	160.2	155.0
7.5°	218.3	210.6	205.4	199.3	193.5	187.7	181.0	175.8	169.7	165.7	158.7
10°	244.3	234.8	225.3	216.4	207.9	199.6	190.5	183.4	174.9	169.1	160.5
12.5°	271.2	257.1	245.5	233.9	222.2	211.5	199.9	190.1	179.1	171.8	161.4
15°	297.8	280.0	265.3	250.4	236.0	222.2	208.2	196.3	183.4	173.9	161.7
17.5°	321.0	299.9	281.9	263.2	246.7	230.5	213.7	199.9	185.3	174.2	160.8
20°	339.0	314.9	294.1	272.7	253.7	235.1	216.7	201.5	185.3	173.0	158.4
22.5°	351.6	325.3	302.0	278.8	257.7	237.8	217.7	201.5	184.3	171.2	156.5
25°	360.1	332.3	307.2	282.5	260.2	239.1	218.3	201.2	183.7	170.6	155.3
26°	361.9	333.5	308.1	282.8	260.2	238.8	217.7	200.5	183.1	170.0	154.7
27°	362.6	333.8	307.8	282.5	259.5	237.8	216.7	199.6	181.9	168.7	153.8
28°	361.6	332.9	306.6	280.9	258.0	236.0	214.9	197.8	180.1	167.2	151.9
29°	359.5	330.5	304.2	278.5	255.6	233.2	212.2	195.3	177.6	164.8	149.8
30°	355.8	326.8	300.5	274.5	251.6	229.6	208.5	191.7	174.2	161.4	146.4
31°	350.9	322.2	295.9	269.9	247.0	225.3	204.2	187.7	170.3	157.7	142.8
32°	344.8	317.0	290.1	264.4	241.5	220.1	199.3	182.8	165.7	153.2	138.5
33°	337.8	310.6	283.7	258.3	236.0	214.6	193.8	177.6	161.1	148.6	134.2
34°	330.2	303.6	276.7	251.9	229.6	208.5	188.3	172.4	155.9	143.7	129.9
35°	321.6	295.6	269.0	244.3	222.9	202.1	182.2	166.6	150.4	138.5	125.0
36°	312.4	287.1	260.8	237.5	215.5	195.0	176.1	160.5	144.6	133.0	119.8
37°	302.9	278.2	252.5	229.9	208.2	188.3	169.7	154.4	139.1	127.8	114.9
38°	292.6	268.7	243.3	221.6	200.2	181.0	162.6	148.0	133.3	122.3	109.7
39°	281.5	257.4	233.9	212.8	192.0	173.3	155.6	141.5	126.9	116.5	104.2
40°	270.2	246.7	224.1	203.6	183.4	165.7	148.3	134.5	120.8	110.4	98.7
42.5°	240.9	219.5	198.4	180.1	161.1	144.9	129.0	116.5	103.9	94.8	84.4
45°	209.7	190.8	171.5	155.0	137.9	123.2	109.1	97.8	86.5	78.9	70.0
47.5°	177.9	159.6	142.8	128.1	114.3	100.3	88.3	78.6	69.4	63.3	56.9
50°	141.8	128.4	113.7	101.5	88.7	78.3	68.2	61.1	54.4	50.4	45.5
51°	128.4	115.9	102.4	91.1	79.2	69.7	61.1	55.0	49.2	45.9	41.6
52°	117.1	103.9	91.4	81.0	71.2	62.1	54.7	49.5	44.6	41.6	37.6
53°	103.3	92.9	81.3	71.8	63.0	55.0	48.9	44.3	40.0	37.6	34.2
54°	91.7	82.2	71.5	63.0	55.6	48.9	43.4	39.7	36.1	33.6	30.9
55°	80.7	73.4	62.4	55.0	48.9	43.1	38.8	35.5	32.1	30.3	27.5
57.5°	56.6	50.1	43.4	39.1	35.2	31.5	28.4	26.0	23.8	22.6	20.5
60°	37.6	33.6	29.7	26.9	24.5	22.3	20.2	18.3	16.8	16.2	14.7
61°	31.5	28.4	25.1	23.2	21.1	19.0	17.1	15.9	14.7	14.1	12.8
62°	26.9	23.8	21.1	19.6	17.7	16.2	14.7	13.5	12.5	11.9	11.0
63°	22.0	19.9	17.7	16.5	15.0	13.5	12.5	11.3	10.7	10.1	9.2
64°	18.0	16.2	14.7	13.5	12.5	11.0	10.4	9.5	8.6	8.6	7.6
65°	14.7	13.1	11.9	11.0	10.1	9.2	8.6	7.6	7.0	6.7	6.1
66°	11.6	10.4	9.5	8.9	7.9	7.3	6.7	6.1	5.5	5.5	4.9



TEST NUMBER: P175550

CATALOG NUMBER: LDA6A10940D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
72.5°	2.1	2.1	2.1	1.8	1.8	1.8	1.8	1.5	1.5	1.5	1.5
75°	1.5	1.5	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
77.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
80°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
82.5°	0.6	0.6	0.6	0.6	0.6	0.9	0.9	0.9	0.9	0.9	0.9
85°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.9	0.9
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: P175550

CATALOG NUMBER: LDA6A10940D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
0°	145.5	145.5	145.5	145.5	145.5	145.5	145.5	145.5
2.5°	148.9	148.3	144.6	143.4	130.8	120.1	115.9	113.1
5°	152.5	150.1	144.9	142.5	118.9	102.1	94.5	91.1
7.5°	154.7	150.4	143.4	139.7	107.3	87.1	77.6	74.3
10°	154.4	148.9	140.6	135.4	96.6	74.9	65.4	62.1
12.5°	154.1	147.0	137.6	131.1	87.7	66.0	56.2	53.2
15°	153.2	144.6	134.2	126.9	80.1	58.7	49.8	47.1
17.5°	150.7	141.5	129.9	122.0	73.7	53.2	45.5	42.8
20°	147.7	137.6	125.9	117.7	69.7	51.1	44.6	42.8
22.5°	145.2	134.8	123.2	115.2	70.9	57.5	57.2	58.4
25°	144.3	134.2	122.6	115.2	77.0	69.4	73.4	75.5
26°	143.7	133.9	122.6	115.2	78.9	72.5	76.1	78.6
27°	142.8	133.0	122.0	114.6	79.8	74.0	77.3	79.2
28°	141.2	131.5	120.4	113.7	79.8	74.0	76.7	78.3
29°	139.1	129.6	118.6	111.9	78.9	72.8	74.9	76.1
30°	136.0	126.6	115.9	109.1	76.7	70.9	72.1	73.1
31°	132.4	123.2	112.5	106.1	74.6	68.5	69.4	70.0
32°	128.4	119.2	108.8	102.7	71.8	65.7	66.3	66.6
33°	124.1	115.2	105.2	99.0	69.4	63.3	63.3	63.6
34°	119.8	111.0	101.8	95.4	66.9	61.1	60.5	60.8
35°	115.6	106.7	97.8	91.7	64.5	58.7	58.1	58.1
36°	110.7	102.1	93.5	87.7	62.1	56.9	55.6	55.6
37°	106.1	97.8	89.6	83.8	59.3	54.7	53.5	53.2
38°	101.2	93.2	85.3	79.8	56.9	52.6	51.4	51.1
39°	96.3	88.7	81.0	75.8	54.4	50.4	49.5	48.9
40°	91.1	83.8	76.7	71.5	52.0	48.0	47.4	46.8
42.5°	77.6	71.2	65.4	61.8	45.9	42.2	41.3	41.6
45°	64.5	59.6	55.0	52.6	39.7	36.4	35.5	35.5
47.5°	52.9	49.2	46.2	43.7	33.3	30.3	29.3	28.1
50°	42.8	40.0	37.6	36.1	27.5	24.5	22.6	21.4
51°	39.1	36.7	34.5	33.0	25.1	22.0	19.9	18.6
52°	35.5	33.3	31.5	30.3	22.6	19.6	17.4	16.2
53°	32.1	30.3	28.7	27.5	20.5	17.4	15.3	14.1
54°	29.0	27.2	26.0	24.8	18.3	15.3	12.8	11.9
55°	26.3	24.5	23.5	22.3	16.2	13.1	10.7	10.1
57.5°	19.6	18.3	17.7	16.8	11.9	8.6	6.4	5.5
60°	14.1	13.1	12.8	12.2	7.6	4.6	3.4	2.8
61°	12.2	11.6	11.0	10.4	6.1	3.7	2.8	2.4
62°	10.4	9.8	9.2	8.9	4.9	3.1	2.4	2.1
63°	8.6	8.3	7.6	7.3	4.0	2.4	2.1	1.8
64°	7.0	6.7	6.1	5.8	3.4	2.1	1.8	1.5
65°	5.8	5.5	4.9	4.6	2.8	1.8	1.5	1.2
66°	4.6	4.3	4.0	3.7	2.4	1.8	1.2	1.2



TEST NUMBER: P175550

CATALOG NUMBER: LDA6A10940D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
72.5°	1.5	1.5	1.2	1.2	1.2	1.2	1.2	0.9
75°	1.2	1.2	1.2	1.2	1.2	1.2	0.9	0.9
77.5°	0.9	0.9	0.9	0.9	1.2	0.9	0.9	0.9
80°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.6
82.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.6
85°	0.9	0.9	0.9	0.9	0.9	0.9	0.6	0.6
87.5°	0.6	0.9	0.9	0.9	0.9	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°	22.0	22.6	22.9	22.9	22.6	21.4	21.7	21.1	20.5	19.9	19.3
70°	11.0	11.3	11.6	11.6	11.3	10.7	11.0	10.7	10.4	10.1	9.5





67.5°	18.6	18.0	17.1	16.2	15.0	14.7	13.1	11.9	11.0	9.5	8.9
70°	9.2	8.9	8.3	7.6	7.3	7.0	6.1	5.8	5.2	4.6	4.3





67.5°	7.9	7.0	6.4	6.1	5.5	5.2	4.9	4.3	4.0	4.0	3.7
70°	4.0	3.7	3.4	3.4	3.1	2.8	2.8	2.4	2.4	2.4	2.1





67.5°	3.4	3.4	3.1	2.8	1.8	1.5	1.2	1.2
70°	2.1	2.1	1.8	1.8	1.5	1.2	1.2	0.9



(END OF REPORT)