

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: P175547

Luminaire Tested: **LDA6A10927D010TE LAR35FL 6LLWW1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P175547
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: LDA6A10927D010TE LAR35FL 6LLWW1
Description: PORTFOLIO 6" Lensed Wall Wash, Self-flanged, 35° Flood Optic, at 30° tilt
Light Source: (1) HIGH LUMEN LED 90CRI / 2700K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 493.9 lumens
Efficiency: N/A
Efficacy: 35.7 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

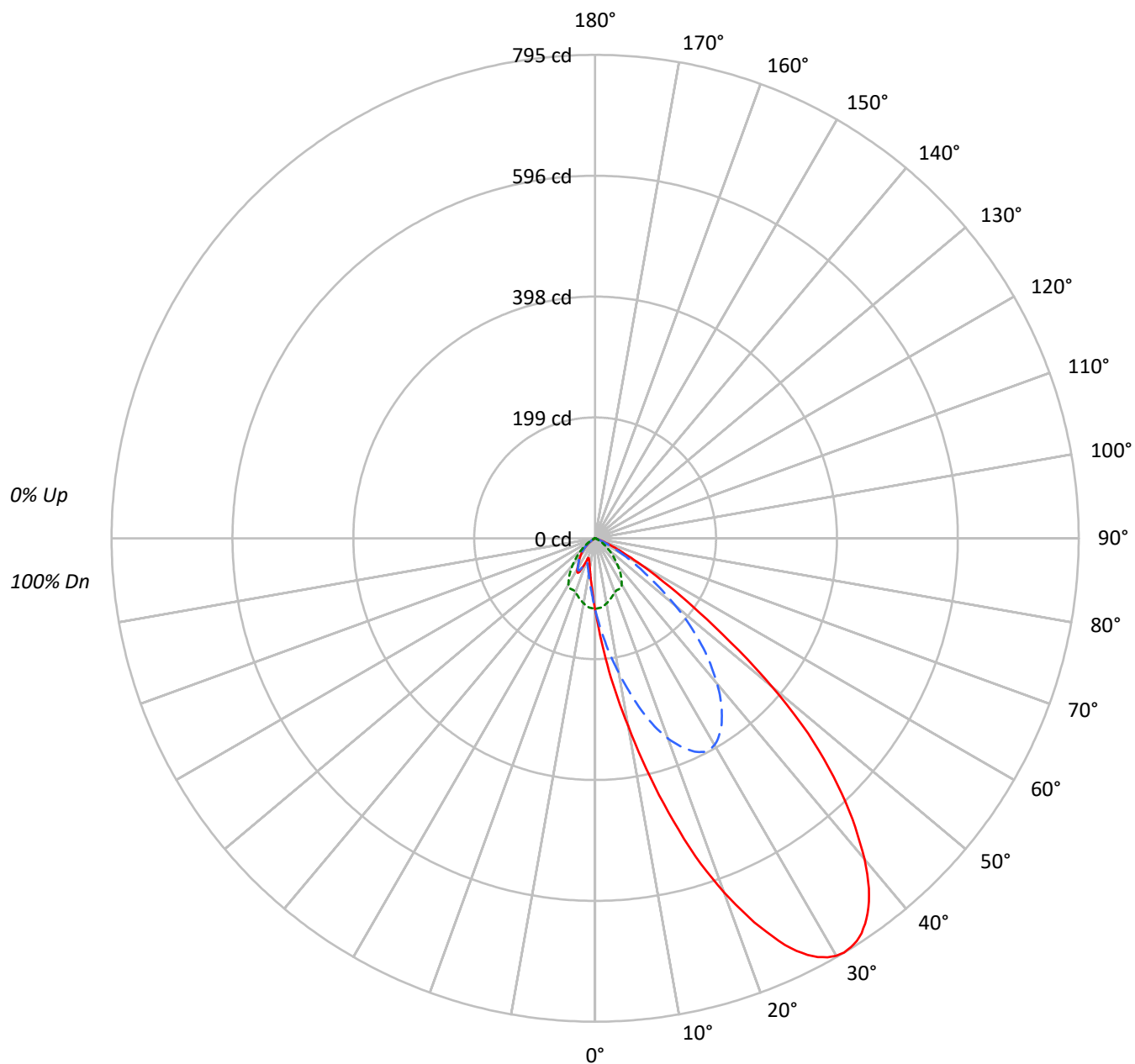
Input Watts (W): 13.84
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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°	6398	6398	6398
5°	10885	6284	4017
10°	17479	6045	2772
15°	26487	5772	2140
20°	36164	5507	2001
25°	44640	5589	3659
30°	50191	5539	3709
35°	51785	4919	3119
40°	49307	4108	2684
45°	43020	3272	2202
50°	32442	2465	1467
55°	18742	1711	774
60°	9703	1074	241
65°	4203	480	130
70°	1410	240	112
75°	466	212	148
80°	316	221	158
85°	126	440	314



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.5	2.5
10°-20°	50.4	10.2
20°-30°	107.3	21.7
30°-40°	139.3	28.2
40°-50°	116.8	23.7
50°-60°	53.9	10.9
60°-70°	11.6	2.4
70°-80°	1.5	0.3
80°-90°	0.5	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°	170.2	34.5
0°-40°	309.5	62.7
0°-60°	480.2	97.2
0°-90°	493.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	493.9	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	117	117	117	117	117	
5°	198	165	114	82	73	22
15°	467	293	102	47	38	137
25°	738	387	92	56	60	339
35°	774	363	74	47	47	478
45°	555	247	42	29	28	421
55°	196	101	18	10	8	186
65°	32	19	4	2	1	37
75°	2	2	1	1	1	3
85°	0	0	1	1	0	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°	116.7	116.7	116.7	116.7	116.7	116.7	116.7	116.7	116.7	116.7	116.7
2.5°	151.0	148.8	150.7	150.7	149.5	148.5	150.2	148.0	149.3	147.1	147.1
5°	197.8	192.2	194.9	194.6	192.4	192.9	192.2	189.0	189.7	186.3	185.3
7.5°	252.7	246.8	249.8	249.0	245.8	245.6	244.4	239.2	239.2	234.1	231.4
10°	314.0	309.6	313.0	311.5	307.6	305.9	303.9	296.8	295.3	287.5	283.1
12.5°	388.0	385.8	382.1	379.7	377.9	375.2	371.8	362.5	359.1	348.5	341.7
15°	466.7	465.7	461.5	462.0	455.4	447.5	449.5	434.1	428.2	414.5	405.1
17.5°	548.3	545.3	541.4	536.0	532.6	523.3	519.1	504.7	496.1	478.9	467.4
20°	619.9	618.6	615.2	608.3	603.2	592.6	586.0	569.4	557.4	537.3	523.3
22.5°	683.6	681.6	678.4	670.1	664.0	651.5	643.1	624.0	609.3	586.5	569.6
25°	738.0	734.3	731.6	721.6	714.9	700.2	690.4	669.1	651.7	626.5	606.9
26°	754.9	751.7	749.3	738.7	731.6	716.2	705.9	683.6	664.9	639.2	618.4
27°	768.9	766.2	764.2	753.2	745.6	729.7	718.4	695.8	676.0	649.5	627.9
28°	779.9	777.4	775.5	764.0	756.1	739.7	727.7	704.7	683.8	656.6	634.6
29°	788.0	785.5	784.1	771.8	764.0	747.1	734.6	710.8	689.2	661.5	638.7
30°	792.9	790.4	789.0	776.2	768.4	751.2	737.7	714.0	691.4	663.5	640.2
31°	794.6	791.9	790.9	777.9	769.6	752.0	738.5	714.0	690.9	662.7	639.0
32°	793.1	790.7	789.9	776.7	768.1	750.2	736.5	711.8	688.2	659.8	635.5
33°	789.7	787.3	786.8	773.3	764.7	746.3	732.8	707.6	683.6	654.9	630.6
34°	783.3	780.9	780.9	767.2	758.3	739.9	726.5	701.2	676.5	648.0	623.5
35°	773.8	772.8	771.8	757.8	749.0	730.6	717.2	691.7	666.9	638.7	613.7
36°	762.0	761.3	760.3	746.3	737.3	718.9	705.9	680.4	655.4	627.4	602.7
37°	748.0	747.5	746.8	732.8	723.8	705.6	692.4	667.4	642.4	614.7	589.9
38°	731.1	731.1	730.4	716.4	707.4	689.5	676.7	651.7	627.0	599.8	575.5
39°	711.0	711.5	711.0	697.1	688.0	670.3	658.1	633.8	609.1	582.6	560.8
40°	689.0	689.7	689.5	675.7	666.7	649.5	637.7	614.0	591.9	563.7	542.6
42.5°	626.5	627.7	627.9	614.9	606.4	590.4	579.9	558.1	535.0	511.5	492.4
45°	554.9	557.1	557.6	545.8	538.0	523.5	514.7	495.1	477.9	453.7	437.0
47.5°	474.8	477.9	479.2	468.4	460.8	448.3	441.7	425.0	410.0	388.2	374.3
50°	380.4	384.1	381.1	376.7	370.3	360.5	356.6	343.1	327.2	313.2	303.4
51°	339.5	343.4	345.6	337.0	331.6	322.8	319.9	308.3	294.1	282.1	273.8
52°	299.3	303.4	305.6	298.0	293.4	286.0	284.3	274.3	261.8	251.7	244.9
53°	261.5	265.4	263.0	261.3	257.1	251.0	250.0	241.7	230.9	222.5	217.2
54°	227.0	230.4	232.8	227.2	223.5	218.4	218.1	211.3	202.2	195.1	191.2
55°	196.1	199.3	201.5	196.8	193.6	189.2	189.2	183.6	176.0	170.1	167.2
57.5°	134.1	136.3	138.2	134.8	132.6	129.9	130.4	127.0	121.8	118.1	116.4
60°	88.5	90.2	91.4	89.2	88.0	86.3	86.8	84.6	82.8	78.9	78.2
61°	73.8	75.5	76.7	74.8	75.2	72.1	72.8	70.8	69.4	67.6	65.7
62°	61.0	62.5	63.5	61.8	62.3	59.6	60.3	58.8	57.6	55.9	54.4
63°	49.8	51.0	52.0	51.7	51.0	48.8	49.3	48.0	47.1	45.8	44.6
64°	40.4	41.4	42.2	42.2	41.4	39.5	40.0	38.7	38.2	37.0	36.0
65°	32.4	33.1	33.6	33.6	33.1	31.6	31.9	31.1	30.4	29.7	28.9
66°	25.5	26.2	26.7	26.7	26.2	25.0	25.2	24.5	24.0	23.3	22.8



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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°	4.2	4.4	4.4	4.4	4.4	4.2	4.2	4.2	3.9	3.9	3.7
75°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.0	2.0	2.0	2.0
77.5°	1.5	1.5	1.5	1.5	1.5	1.2	1.2	1.2	1.2	1.2	1.2
80°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.7	0.7	0.7
82.5°	0.5	0.7	0.7	0.7	0.7	0.5	0.5	0.5	0.7	0.5	0.5
85°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2
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°	116.7	116.7	116.7	116.7	116.7	116.7	116.7	116.7	116.7	116.7	116.7
2.5°	146.3	145.1	144.9	143.1	140.4	141.9	138.7	138.7	137.5	137.0	134.8
5°	183.1	180.6	179.2	175.7	173.0	172.1	166.9	165.4	162.5	160.3	156.4
7.5°	227.7	223.0	219.6	214.2	209.1	206.6	198.8	195.1	190.2	185.8	179.7
10°	277.0	269.9	264.2	256.1	248.3	243.4	232.6	224.8	218.6	211.5	202.9
12.5°	332.6	322.5	314.0	302.5	291.4	283.8	269.4	258.1	249.0	239.0	227.5
15°	392.2	378.7	366.9	351.5	334.8	325.7	307.6	292.6	280.4	266.9	251.7
17.5°	450.0	432.8	417.2	398.0	378.2	363.0	343.1	324.3	308.3	290.7	273.3
20°	501.7	480.9	461.5	438.7	415.9	397.1	373.5	351.0	331.6	311.3	290.7
22.5°	544.9	520.6	497.8	472.1	446.1	424.3	397.3	371.8	349.5	326.7	303.2
25°	578.9	552.0	526.5	497.8	469.4	445.1	415.2	387.0	362.5	337.5	312.0
26°	589.7	561.5	535.0	504.4	476.2	451.0	420.3	391.2	365.9	340.4	314.2
27°	598.0	568.9	541.4	510.5	481.4	455.4	423.8	394.1	367.9	341.9	315.2
28°	603.7	573.8	545.3	514.0	484.3	457.6	425.5	395.1	368.4	342.2	315.0
29°	607.4	576.5	547.3	515.9	485.5	458.1	425.5	394.6	367.6	340.9	313.5
30°	608.1	576.7	547.1	515.2	484.3	456.6	423.5	392.4	365.0	338.2	310.5
31°	606.9	574.5	544.4	512.7	481.6	453.2	420.1	389.0	361.8	334.6	306.6
32°	603.2	570.6	540.2	508.3	477.0	448.5	415.4	383.8	356.6	329.7	301.7
33°	598.3	564.9	534.3	502.4	471.3	442.6	409.6	378.2	351.0	323.8	296.1
34°	591.4	557.8	527.0	495.6	464.2	435.5	402.4	371.3	344.1	317.2	289.7
35°	582.1	548.3	517.6	486.8	455.4	427.0	394.1	363.2	336.5	309.8	282.6
36°	571.3	538.0	507.1	476.5	445.3	417.2	385.0	354.4	327.9	301.5	274.8
37°	559.3	526.0	495.6	465.4	434.8	406.9	375.2	345.1	319.1	292.9	266.7
38°	545.3	512.3	482.4	452.9	422.8	395.3	364.5	334.8	309.3	283.6	257.8
39°	529.2	496.8	467.4	439.0	409.6	382.6	352.5	323.5	298.5	273.5	248.3
40°	511.8	480.4	451.7	424.0	395.3	369.1	339.7	311.8	287.5	263.0	238.5
42.5°	464.2	434.8	408.3	383.6	357.1	332.8	306.4	280.6	258.1	235.5	213.0
45°	412.0	385.3	361.5	339.7	315.7	294.1	270.3	247.1	226.7	206.1	186.0
47.5°	352.9	329.4	308.8	290.4	269.6	250.7	230.4	210.3	192.4	174.5	156.9
50°	286.5	267.4	251.2	236.5	219.9	204.4	188.0	171.6	156.9	141.7	127.0
51°	259.3	242.2	227.5	215.0	199.5	185.8	171.1	156.1	142.6	128.9	115.2
52°	232.4	217.4	204.7	193.6	180.1	167.9	154.7	141.2	128.9	116.4	103.7
53°	206.6	193.6	182.6	173.3	161.5	150.7	139.0	127.2	115.9	104.7	93.1
54°	182.4	171.3	162.0	154.2	143.9	134.3	124.3	113.7	103.7	93.1	82.6
55°	159.8	150.5	142.6	136.0	127.2	118.9	110.3	101.0	91.9	82.4	74.3
57.5°	112.0	105.9	100.7	96.6	90.7	86.5	79.2	72.8	67.2	58.8	52.7
60°	75.5	71.3	68.1	65.7	61.8	59.6	54.4	49.8	46.1	40.0	35.5
61°	63.5	60.0	57.4	55.4	52.2	50.2	45.8	42.2	38.7	33.6	29.7
62°	52.7	49.8	48.8	46.1	43.4	41.9	38.2	35.0	32.4	27.7	24.5
63°	43.1	40.7	40.0	37.7	35.5	34.6	31.4	28.9	26.5	22.5	20.1
64°	34.8	32.8	32.4	30.6	28.9	27.9	25.5	23.3	21.3	18.1	16.2
65°	27.7	27.0	25.7	24.5	23.0	22.3	20.3	18.6	16.9	14.5	13.0
66°	21.8	21.3	20.1	19.1	17.9	17.4	15.7	14.5	13.2	11.3	10.3



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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°	3.4	3.4	3.2	3.2	2.7	2.7	2.5	2.2	2.2	2.0	2.0
75°	1.7	1.7	1.7	1.7	1.5	1.5	1.5	1.5	1.2	1.2	1.2
77.5°	1.2	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
80°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
82.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
85°	0.2	0.2	0.2	0.2	0.2	0.5	0.5	0.5	0.5	0.5	0.5
87.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	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):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	116.7	116.7	116.7	116.7	116.7	116.7	116.7	116.7	116.7	116.7	116.7
2.5°	134.1	131.9	130.9	130.1	128.7	127.5	125.7	124.8	122.5	122.8	120.1
5°	153.9	150.0	147.5	144.9	141.9	139.2	135.8	133.3	129.7	128.4	124.3
7.5°	175.0	168.9	164.7	159.8	155.1	150.5	145.1	140.9	136.0	132.8	127.2
10°	195.8	188.2	180.6	173.5	166.7	160.0	152.7	147.1	140.2	135.5	128.7
12.5°	217.4	206.1	196.8	187.5	178.2	169.6	160.3	152.5	143.6	137.7	129.4
15°	238.7	224.5	212.7	200.7	189.2	178.2	166.9	157.4	147.1	139.5	129.7
17.5°	257.4	240.4	226.0	211.0	197.8	184.8	171.3	160.3	148.5	139.7	128.9
20°	271.8	252.5	235.8	218.6	203.4	188.5	173.8	161.5	148.5	138.7	127.0
22.5°	281.9	260.8	242.2	223.5	206.6	190.7	174.5	161.5	147.8	137.3	125.5
25°	288.7	266.4	246.3	226.5	208.6	191.7	175.0	161.3	147.3	136.8	124.5
26°	290.2	267.4	247.1	226.7	208.6	191.4	174.5	160.8	146.8	136.3	124.0
27°	290.7	267.6	246.8	226.5	208.1	190.7	173.8	160.0	145.8	135.3	123.3
28°	290.0	266.9	245.8	225.2	206.9	189.2	172.3	158.6	144.4	134.1	121.8
29°	288.2	265.0	243.9	223.3	204.9	187.0	170.1	156.6	142.4	132.1	120.1
30°	285.3	262.0	240.9	220.1	201.7	184.1	167.2	153.7	139.7	129.4	117.4
31°	281.4	258.3	237.3	216.4	198.0	180.6	163.7	150.5	136.5	126.5	114.5
32°	276.5	254.2	232.6	212.0	193.6	176.5	159.8	146.6	132.8	122.8	111.0
33°	270.8	249.0	227.5	207.1	189.2	172.1	155.4	142.4	129.2	119.1	107.6
34°	264.7	243.4	221.8	202.0	184.1	167.2	151.0	138.2	125.0	115.2	104.2
35°	257.8	237.0	215.7	195.8	178.7	162.0	146.1	133.6	120.6	111.0	100.2
36°	250.5	230.1	209.1	190.4	172.8	156.4	141.2	128.7	115.9	106.6	96.1
37°	242.9	223.0	202.5	184.3	166.9	151.0	136.0	123.8	111.5	102.5	92.2
38°	234.6	215.4	195.1	177.7	160.5	145.1	130.4	118.6	106.9	98.0	88.0
39°	225.7	206.4	187.5	170.6	153.9	139.0	124.8	113.5	101.7	93.4	83.6
40°	216.7	197.8	179.7	163.2	147.1	132.8	118.9	107.8	96.8	88.5	79.2
42.5°	193.1	176.0	159.1	144.4	129.2	116.2	103.4	93.4	83.3	76.0	67.6
45°	168.1	152.9	137.5	124.3	110.5	98.8	87.5	78.4	69.4	63.2	56.1
47.5°	142.6	127.9	114.5	102.7	91.7	80.4	70.8	63.0	55.6	50.7	45.6
50°	113.7	102.9	91.2	81.4	71.1	62.7	54.7	49.0	43.6	40.4	36.5
51°	102.9	92.9	82.1	73.0	63.5	55.9	49.0	44.1	39.5	36.8	33.3
52°	93.9	83.3	73.3	65.0	57.1	49.8	43.9	39.7	35.8	33.3	30.1
53°	82.8	74.5	65.2	57.6	50.5	44.1	39.2	35.5	32.1	30.1	27.5
54°	73.5	65.9	57.4	50.5	44.6	39.2	34.8	31.9	28.9	27.0	24.8
55°	64.7	58.8	50.0	44.1	39.2	34.6	31.1	28.4	25.7	24.3	22.1
57.5°	45.3	40.2	34.8	31.4	28.2	25.2	22.8	20.8	19.1	18.1	16.4
60°	30.1	27.0	23.8	21.6	19.6	17.9	16.2	14.7	13.5	13.0	11.8
61°	25.2	22.8	20.1	18.6	16.9	15.2	13.7	12.7	11.8	11.3	10.3
62°	21.6	19.1	16.9	15.7	14.2	13.0	11.8	10.8	10.0	9.6	8.8
63°	17.6	15.9	14.2	13.2	12.0	10.8	10.0	9.1	8.6	8.1	7.4
64°	14.5	13.0	11.8	10.8	10.0	8.8	8.3	7.6	6.9	6.9	6.1
65°	11.8	10.5	9.6	8.8	8.1	7.4	6.9	6.1	5.6	5.4	4.9
66°	9.3	8.3	7.6	7.1	6.4	5.9	5.4	4.9	4.4	4.4	3.9



TEST NUMBER: P175547

CATALOG NUMBER: LDA6A10927D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
72.5°	1.7	1.7	1.7	1.5	1.5	1.5	1.5	1.2	1.2	1.2	1.2
75°	1.2	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
77.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
80°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
82.5°	0.5	0.5	0.5	0.5	0.5	0.7	0.7	0.7	0.7	0.7	0.7
85°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.7	0.7
87.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	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: P175547

CATALOG NUMBER: LDA6A10927D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
0°	116.7	116.7	116.7	116.7	116.7	116.7	116.7	116.7
2.5°	119.4	118.9	115.9	115.0	104.9	96.3	92.9	90.7
5°	122.3	120.3	116.2	114.2	95.3	81.9	75.7	73.0
7.5°	124.0	120.6	115.0	112.0	86.0	69.9	62.3	59.6
10°	123.8	119.4	112.7	108.6	77.5	60.0	52.5	49.8
12.5°	123.5	117.9	110.3	105.1	70.3	52.9	45.1	42.6
15°	122.8	115.9	107.6	101.7	64.2	47.1	40.0	37.7
17.5°	120.8	113.5	104.2	97.8	59.1	42.6	36.5	34.3
20°	118.4	110.3	101.0	94.4	55.9	40.9	35.8	34.3
22.5°	116.4	108.1	98.8	92.4	56.9	46.1	45.8	46.8
25°	115.7	107.6	98.3	92.4	61.8	55.6	58.8	60.5
26°	115.2	107.4	98.3	92.4	63.2	58.1	61.0	63.0
27°	114.5	106.6	97.8	91.9	64.0	59.3	62.0	63.5
28°	113.2	105.4	96.6	91.2	64.0	59.3	61.5	62.7
29°	111.5	103.9	95.1	89.7	63.2	58.3	60.0	61.0
30°	109.1	101.5	92.9	87.5	61.5	56.9	57.8	58.6
31°	106.1	98.8	90.2	85.0	59.8	54.9	55.6	56.1
32°	102.9	95.6	87.3	82.4	57.6	52.7	53.2	53.4
33°	99.5	92.4	84.3	79.4	55.6	50.7	50.7	51.0
34°	96.1	89.0	81.6	76.5	53.7	49.0	48.5	48.8
35°	92.6	85.5	78.4	73.5	51.7	47.1	46.6	46.6
36°	88.7	81.9	75.0	70.3	49.8	45.6	44.6	44.6
37°	85.0	78.4	71.8	67.2	47.5	43.9	42.9	42.6
38°	81.1	74.8	68.4	64.0	45.6	42.2	41.2	40.9
39°	77.2	71.1	65.0	60.8	43.6	40.4	39.7	39.2
40°	73.0	67.2	61.5	57.4	41.7	38.5	38.0	37.5
42.5°	62.3	57.1	52.5	49.5	36.8	33.8	33.1	33.3
45°	51.7	47.8	44.1	42.2	31.9	29.2	28.4	28.4
47.5°	42.4	39.5	37.0	35.0	26.7	24.3	23.5	22.5
50°	34.3	32.1	30.1	28.9	22.1	19.6	18.1	17.2
51°	31.4	29.4	27.7	26.5	20.1	17.6	15.9	15.0
52°	28.4	26.7	25.2	24.3	18.1	15.7	14.0	13.0
53°	25.7	24.3	23.0	22.1	16.4	14.0	12.3	11.3
54°	23.3	21.8	20.8	19.9	14.7	12.3	10.3	9.6
55°	21.1	19.6	18.9	17.9	13.0	10.5	8.6	8.1
57.5°	15.7	14.7	14.2	13.5	9.6	6.9	5.1	4.4
60°	11.3	10.5	10.3	9.8	6.1	3.7	2.7	2.2
61°	9.8	9.3	8.8	8.3	4.9	2.9	2.2	2.0
62°	8.3	7.8	7.4	7.1	3.9	2.5	2.0	1.7
63°	6.9	6.6	6.1	5.9	3.2	2.0	1.7	1.5
64°	5.6	5.4	4.9	4.7	2.7	1.7	1.5	1.2
65°	4.7	4.4	3.9	3.7	2.2	1.5	1.2	1.0
66°	3.7	3.4	3.2	2.9	2.0	1.5	1.0	1.0



TEST NUMBER: P175547

CATALOG NUMBER: LDA6A10927D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
72.5°	1.2	1.2	1.0	1.0	1.0	1.0	1.0	0.7
75°	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.7
77.5°	0.7	0.7	0.7	0.7	1.0	0.7	0.7	0.7
80°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.5
82.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.5
85°	0.7	0.7	0.7	0.7	0.7	0.7	0.5	0.5
87.5°	0.5	0.7	0.7	0.7	0.7	0.5	0.2	0.2
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°	17.6	18.1	18.4	18.4	18.1	17.2	17.4	16.9	16.4	15.9	15.4
70°	8.8	9.1	9.3	9.3	9.1	8.6	8.8	8.6	8.3	8.1	7.6





67.5°	15.0	14.5	13.7	13.0	12.0	11.8	10.5	9.6	8.8	7.6	7.1
70°	7.4	7.1	6.6	6.1	5.9	5.6	4.9	4.7	4.2	3.7	3.4





67.5°	6.4	5.6	5.1	4.9	4.4	4.2	3.9	3.4	3.2	3.2	2.9
70°	3.2	2.9	2.7	2.7	2.5	2.2	2.2	2.0	2.0	2.0	1.7





67.5°	2.7	2.7	2.5	2.2	1.5	1.2	1.0	1.0
70°	1.7	1.7	1.5	1.5	1.2	1.0	1.0	0.7



(END OF REPORT)