

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: P175544

Luminaire Tested: **LDA6A10830D010TE LAR35FL 6LLWW1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P175544
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: LDA6A10830D010TE LAR35FL 6LLWW1
Description: PORTFOLIO 6" Lensed Wall Wash, Self-flanged, 35° Flood Optic, at 30° tilt
Light Source: (1) HIGH LUMEN LED 80CRI / 3000K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 665.7 lumens
Efficiency: N/A
Efficacy: 48.1 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

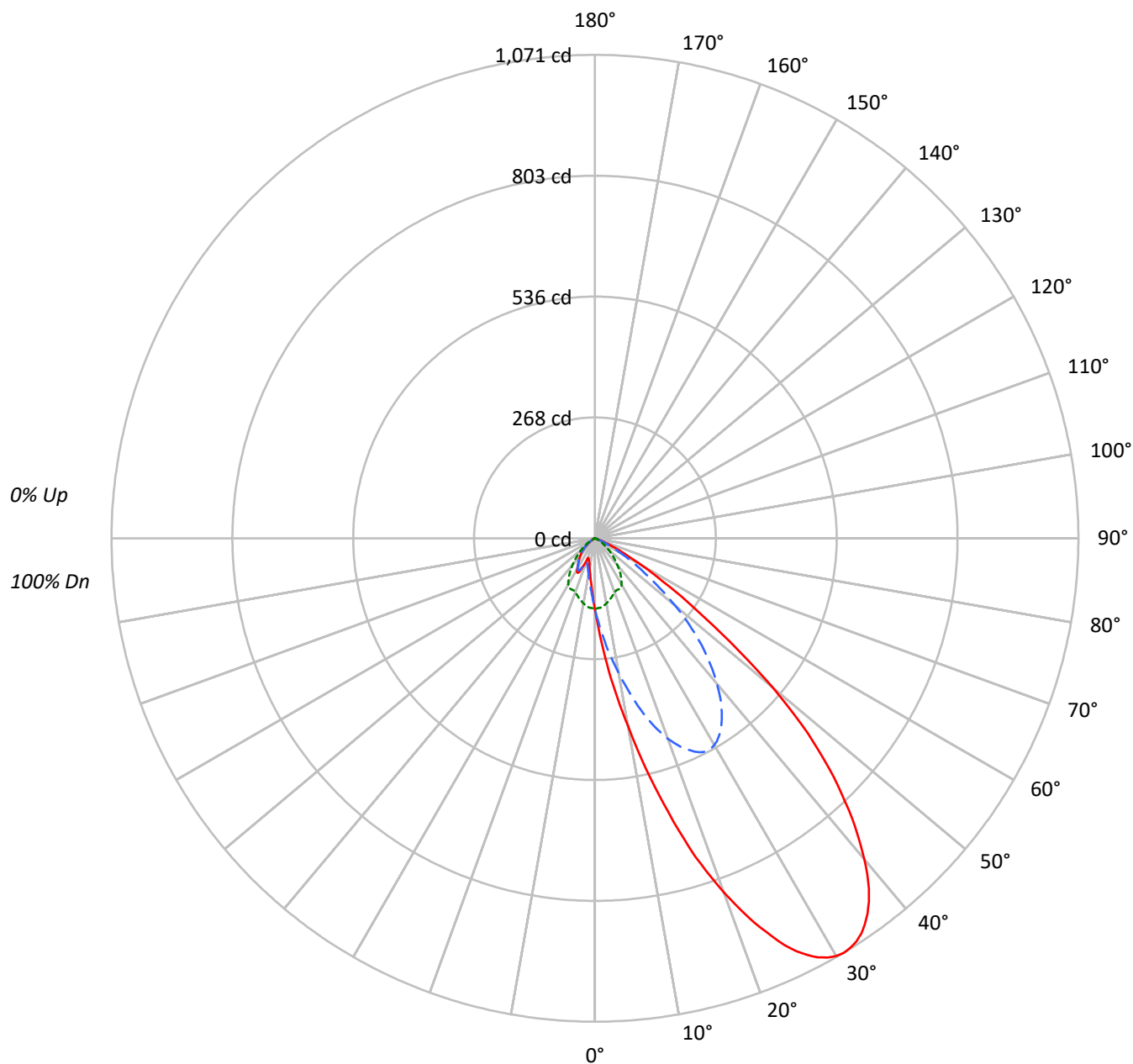
Input Watts (W): 13.84
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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°	8623	8623	8623
5°	14671	8475	5420
10°	23558	8149	3735
15°	35698	7781	2889
20°	48742	7421	2701
25°	60173	7537	4936
30°	67656	7463	5001
35°	69801	6632	4203
40°	66460	5532	3614
45°	57991	4404	2969
50°	43726	3326	1970
55°	25261	2303	1042
60°	13080	1447	329
65°	5656	649	169
70°	1907	321	160
75°	635	275	212
80°	410	316	221
85°	189	629	440



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.9	2.5
10°-20°	67.9	10.2
20°-30°	144.6	21.7
30°-40°	187.8	28.2
40°-50°	157.5	23.7
50°-60°	72.6	10.9
60°-70°	15.7	2.4
70°-80°	2.0	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°	229.4	34.5
0°-40°	417.2	62.7
0°-60°	647.3	97.2
0°-90°	665.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	665.7	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	157	157	157	157	157	
5°	267	223	154	110	98	30
15°	629	394	137	63	51	185
25°	995	522	125	75	82	457
35°	1043	490	99	63	63	644
45°	748	333	57	39	38	567
55°	264	136	24	14	11	251
65°	44	25	5	2	1	50
75°	3	2	1	1	1	5
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°	157.3	157.3	157.3	157.3	157.3	157.3	157.3	157.3	157.3	157.3	157.3
2.5°	203.5	200.5	203.2	203.2	201.5	200.2	202.5	199.5	201.2	198.2	198.2
5°	266.6	259.0	262.7	262.3	259.3	260.0	259.0	254.7	255.7	251.1	249.8
7.5°	340.6	332.7	336.7	335.7	331.4	331.0	329.4	322.4	322.4	315.5	311.9
10°	423.2	417.3	421.9	419.9	414.6	412.3	409.7	400.1	398.1	387.5	381.6
12.5°	523.0	520.0	515.1	511.8	509.4	505.8	501.2	488.6	484.0	469.8	460.5
15°	629.0	627.7	622.1	622.8	613.8	603.3	605.9	585.1	577.2	558.7	546.1
17.5°	739.1	735.1	729.8	722.5	717.9	705.4	699.7	680.2	668.7	645.6	630.0
20°	835.5	833.9	829.2	820.0	813.1	798.9	789.9	767.5	751.3	724.2	705.4
22.5°	921.4	918.8	914.5	903.3	895.0	878.1	866.9	841.1	821.3	790.6	767.8
25°	994.8	989.8	986.2	972.6	963.7	943.9	930.7	901.9	878.5	844.4	818.0
26°	1017.6	1013.3	1010.0	995.8	986.2	965.4	951.5	921.4	896.3	861.6	833.5
27°	1036.4	1032.8	1030.1	1015.3	1005.0	983.5	968.3	937.9	911.2	875.5	846.4
28°	1051.3	1048.0	1045.3	1029.8	1019.2	997.1	980.9	949.8	921.8	885.1	855.3
29°	1062.2	1058.9	1056.9	1040.4	1029.8	1007.0	990.1	958.1	929.0	891.7	861.0
30°	1068.8	1065.5	1063.5	1046.3	1035.7	1012.6	994.4	962.4	932.0	894.3	862.9
31°	1071.1	1067.5	1066.1	1048.6	1037.4	1013.6	995.4	962.4	931.3	893.3	861.3
32°	1069.1	1065.8	1064.8	1047.0	1035.4	1011.3	992.8	959.4	927.7	889.4	856.7
33°	1064.5	1061.2	1060.5	1042.3	1030.8	1006.0	987.8	953.8	921.4	882.8	850.1
34°	1055.9	1052.6	1052.6	1034.1	1022.2	997.4	979.2	945.2	911.8	873.5	840.5
35°	1043.0	1041.7	1040.4	1021.5	1009.6	984.9	966.7	932.3	899.0	861.0	827.3
36°	1027.1	1026.2	1024.8	1006.0	993.8	969.0	951.5	917.1	883.4	845.8	812.4
37°	1008.3	1007.7	1006.7	987.8	975.6	951.2	933.3	899.6	865.9	828.6	795.2
38°	985.5	985.5	984.5	965.7	953.5	929.4	912.2	878.5	845.1	808.4	775.7
39°	958.4	959.1	958.4	939.6	927.4	903.6	887.1	854.4	821.0	785.3	755.9
40°	928.7	929.7	929.4	910.9	898.6	875.5	859.6	827.6	797.9	759.9	731.5
42.5°	844.4	846.1	846.4	828.9	817.4	795.9	781.7	752.3	721.2	689.5	663.7
45°	748.0	750.9	751.6	735.8	725.2	705.7	693.8	667.4	644.2	611.5	589.1
47.5°	639.9	644.2	645.9	631.4	621.1	604.3	595.3	572.9	552.7	523.3	504.5
50°	512.7	517.7	513.7	507.8	499.2	486.0	480.7	462.5	441.1	422.2	409.0
51°	457.6	462.9	465.8	454.3	447.0	435.1	431.1	415.6	396.5	380.3	369.0
52°	403.4	409.0	412.0	401.7	395.5	385.6	383.2	369.7	352.8	339.3	330.0
53°	352.5	357.8	354.5	352.2	346.6	338.3	337.0	325.8	311.2	300.0	292.7
54°	305.9	310.6	313.9	306.3	301.3	294.4	294.0	284.8	272.6	263.0	257.7
55°	264.3	268.6	271.6	265.3	261.0	255.1	255.1	247.5	237.2	229.3	225.3
57.5°	180.7	183.7	186.3	181.7	178.7	175.1	175.8	171.1	164.2	159.2	156.9
60°	119.3	121.6	123.2	120.3	118.6	116.3	117.0	114.0	111.7	106.4	105.4
61°	99.4	101.8	103.4	100.8	101.4	97.1	98.1	95.5	93.5	91.2	88.5
62°	82.3	84.2	85.6	83.3	83.9	80.3	81.3	79.3	77.6	75.3	73.3
63°	67.1	68.7	70.0	69.7	68.7	65.7	66.4	64.8	63.4	61.8	60.1
64°	54.5	55.8	56.8	56.8	55.8	53.2	53.9	52.2	51.5	49.9	48.6
65°	43.6	44.6	45.3	45.3	44.6	42.6	42.9	42.0	41.0	40.0	39.0
66°	34.4	35.4	36.0	36.0	35.4	33.7	34.0	33.0	32.4	31.4	30.7



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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°	5.6	5.9	5.9	5.9	5.9	5.6	5.6	5.6	5.3	5.3	5.0
75°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.6	2.6	2.6	2.6
77.5°	2.0	2.0	2.0	2.0	2.0	1.7	1.7	1.7	1.7	1.7	1.7
80°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.0	1.0	1.0	1.0
82.5°	0.7	1.0	1.0	1.0	1.0	0.7	0.7	0.7	1.0	0.7	0.7
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°	157.3	157.3	157.3	157.3	157.3	157.3	157.3	157.3	157.3	157.3	157.3
2.5°	197.2	195.6	195.3	192.9	189.3	191.3	187.0	187.0	185.3	184.7	181.7
5°	246.8	243.5	241.5	236.9	233.2	231.9	225.0	223.0	219.0	216.1	210.8
7.5°	306.9	300.6	296.0	288.8	281.8	278.5	267.9	263.0	256.4	250.4	242.2
10°	373.3	363.7	356.1	345.2	334.7	328.1	313.5	303.0	294.7	285.1	273.6
12.5°	448.3	434.8	423.2	407.7	392.8	382.6	363.1	347.9	335.7	322.1	306.6
15°	528.6	510.4	494.6	473.8	451.3	439.1	414.6	394.5	378.0	359.8	339.3
17.5°	606.6	583.4	562.3	536.5	509.8	489.3	462.5	437.1	415.6	391.8	368.4
20°	676.3	648.2	622.1	591.4	560.7	535.2	503.5	473.1	447.0	419.6	391.8
22.5°	734.4	701.7	671.0	636.3	601.3	571.9	535.5	501.2	471.1	440.4	408.7
25°	780.4	744.0	709.7	671.0	632.7	600.0	559.7	521.7	488.6	454.9	420.6
26°	794.9	756.9	721.2	679.9	641.9	607.9	566.6	527.3	493.3	458.9	423.5
27°	806.1	766.8	729.8	688.2	648.9	613.8	571.2	531.2	495.9	460.9	424.9
28°	813.7	773.4	735.1	692.8	652.8	616.8	573.5	532.6	496.6	461.2	424.5
29°	818.7	777.0	737.7	695.4	654.5	617.5	573.5	531.9	495.6	459.6	422.6
30°	819.7	777.4	737.4	694.5	652.8	615.5	570.9	528.9	491.9	455.9	418.6
31°	818.0	774.4	733.8	691.2	649.2	610.9	566.3	524.3	487.6	451.0	413.3
32°	813.1	769.1	728.2	685.2	642.9	604.6	560.0	517.4	480.7	444.4	406.7
33°	806.5	761.5	720.2	677.3	635.3	596.7	552.1	509.8	473.1	436.4	399.1
34°	797.2	751.9	710.3	668.0	625.7	587.1	542.5	500.5	463.9	427.5	390.5
35°	784.6	739.1	697.8	656.1	613.8	575.5	531.2	489.6	453.6	417.6	380.9
36°	770.1	725.2	683.6	642.3	600.3	562.3	519.0	477.7	442.0	406.4	370.4
37°	753.9	709.0	668.0	627.4	586.1	548.4	505.8	465.2	430.2	394.8	359.5
38°	735.1	690.5	650.2	610.5	569.9	532.9	491.3	451.3	416.9	382.2	347.6
39°	713.3	669.7	630.0	591.7	552.1	515.7	475.1	436.1	402.4	368.7	334.7
40°	689.8	647.5	608.9	571.6	532.9	497.5	457.9	420.2	387.5	354.5	321.5
42.5°	625.7	586.1	550.4	517.0	481.4	448.7	413.0	378.3	347.9	317.5	287.1
45°	555.4	519.4	487.3	457.9	425.5	396.5	364.4	333.0	305.6	277.8	250.8
47.5°	475.7	444.0	416.3	391.5	363.4	338.0	310.6	283.5	259.3	235.2	211.4
50°	386.2	360.4	338.6	318.8	296.3	275.5	253.4	231.3	211.4	191.0	171.1
51°	349.5	326.4	306.6	289.7	268.9	250.4	230.6	210.5	192.3	173.8	155.3
52°	313.2	293.0	275.9	261.0	242.8	226.3	208.5	190.3	173.8	156.9	139.7
53°	278.5	261.0	246.1	233.6	217.7	203.2	187.3	171.5	156.3	141.1	125.5
54°	245.8	230.9	218.4	207.8	193.9	181.0	167.5	153.3	139.7	125.5	111.3
55°	215.4	202.9	192.3	183.4	171.5	160.2	148.7	136.1	123.9	111.0	100.1
57.5°	151.0	142.7	135.8	130.2	122.2	116.6	106.7	98.1	90.5	79.3	71.0
60°	101.8	96.1	91.8	88.5	83.3	80.3	73.3	67.1	62.1	53.9	47.9
61°	85.6	80.9	77.3	74.7	70.4	67.7	61.8	56.8	52.2	45.3	40.0
62°	71.0	67.1	65.7	62.1	58.5	56.5	51.5	47.2	43.6	37.3	33.0
63°	58.1	54.8	53.9	50.9	47.9	46.6	42.3	39.0	35.7	30.4	27.1
64°	46.9	44.3	43.6	41.3	39.0	37.7	34.4	31.4	28.7	24.4	21.8
65°	37.3	36.3	34.7	33.0	31.1	30.1	27.4	25.1	22.8	19.5	17.5
66°	29.4	28.7	27.1	25.8	24.1	23.5	21.1	19.5	17.8	15.2	13.9



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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°	4.6	4.6	4.3	4.3	3.6	3.6	3.3	3.0	3.0	2.6	2.6
75°	2.3	2.3	2.3	2.3	2.0	2.0	2.0	2.0	1.7	1.7	1.7
77.5°	1.7	1.7	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
80°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
82.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
85°	0.3	0.3	0.3	0.3	0.3	0.7	0.7	0.7	0.7	0.7	0.7
87.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.7	0.7	0.7
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°	157.3	157.3	157.3	157.3	157.3	157.3	157.3	157.3	157.3	157.3	157.3
2.5°	180.7	177.7	176.4	175.4	173.4	171.8	169.5	168.2	165.2	165.5	161.9
5°	207.5	202.2	198.9	195.3	191.3	187.7	183.0	179.7	174.8	173.1	167.5
7.5°	235.9	227.6	222.0	215.4	209.1	202.9	195.6	190.0	183.4	179.1	171.5
10°	264.0	253.7	243.5	233.9	224.7	215.7	205.8	198.2	189.0	182.7	173.4
12.5°	293.0	277.8	265.3	252.7	240.2	228.6	216.1	205.5	193.6	185.7	174.4
15°	321.8	302.6	286.8	270.6	255.1	240.2	225.0	212.1	198.2	188.0	174.8
17.5°	346.9	324.1	304.6	284.5	266.6	249.1	230.9	216.1	200.2	188.3	173.8
20°	366.4	340.3	317.8	294.7	274.2	254.1	234.2	217.7	200.2	187.0	171.1
22.5°	379.9	351.5	326.4	301.3	278.5	257.0	235.2	217.7	199.2	185.0	169.2
25°	389.2	359.1	332.0	305.3	281.2	258.4	235.9	217.4	198.6	184.4	167.8
26°	391.2	360.4	333.0	305.6	281.2	258.0	235.2	216.7	197.9	183.7	167.2
27°	391.8	360.8	332.7	305.3	280.5	257.0	234.2	215.7	196.6	182.4	166.2
28°	390.8	359.8	331.4	303.6	278.8	255.1	232.3	213.8	194.6	180.7	164.2
29°	388.5	357.1	328.7	301.0	276.2	252.1	229.3	211.1	191.9	178.1	161.9
30°	384.6	353.2	324.8	296.7	271.9	248.1	225.3	207.1	188.3	174.4	158.3
31°	379.3	348.2	319.8	291.7	266.9	243.5	220.7	202.9	184.0	170.5	154.3
32°	372.7	342.6	313.5	285.8	261.0	237.9	215.4	197.6	179.1	165.5	149.7
33°	365.1	335.7	306.6	279.2	255.1	231.9	209.5	191.9	174.1	160.6	145.0
34°	356.8	328.1	299.0	272.2	248.1	225.3	203.5	186.3	168.5	155.3	140.4
35°	347.6	319.5	290.7	264.0	240.8	218.4	196.9	180.1	162.5	149.7	135.1
36°	337.6	310.2	281.8	256.7	232.9	210.8	190.3	173.4	156.3	143.7	129.5
37°	327.4	300.6	272.9	248.4	225.0	203.5	183.4	166.8	150.3	138.1	124.2
38°	316.2	290.4	263.0	239.5	216.4	195.6	175.8	159.9	144.0	132.2	118.6
39°	304.3	278.2	252.7	229.9	207.5	187.3	168.2	153.0	137.1	125.9	112.7
40°	292.1	266.6	242.2	220.0	198.2	179.1	160.2	145.4	130.5	119.3	106.7
42.5°	260.3	237.2	214.4	194.6	174.1	156.6	139.4	125.9	112.3	102.4	91.2
45°	226.6	206.2	185.3	167.5	149.0	133.1	117.9	105.7	93.5	85.2	75.7
47.5°	192.3	172.5	154.3	138.4	123.6	108.4	95.5	84.9	75.0	68.4	61.5
50°	153.3	138.8	122.9	109.7	95.8	84.6	73.7	66.1	58.8	54.5	49.2
51°	138.8	125.2	110.7	98.5	85.6	75.3	66.1	59.5	53.2	49.6	44.9
52°	126.5	112.3	98.8	87.6	77.0	67.1	59.1	53.5	48.2	44.9	40.6
53°	111.7	100.4	87.9	77.6	68.1	59.5	52.9	47.9	43.3	40.6	37.0
54°	99.1	88.9	77.3	68.1	60.1	52.9	46.9	42.9	39.0	36.3	33.4
55°	87.2	79.3	67.4	59.5	52.9	46.6	42.0	38.3	34.7	32.7	29.7
57.5°	61.1	54.2	46.9	42.3	38.0	34.0	30.7	28.1	25.8	24.4	22.1
60°	40.6	36.3	32.0	29.1	26.4	24.1	21.8	19.8	18.2	17.5	15.9
61°	34.0	30.7	27.1	25.1	22.8	20.5	18.5	17.2	15.9	15.2	13.9
62°	29.1	25.8	22.8	21.1	19.2	17.5	15.9	14.5	13.5	12.9	11.9
63°	23.8	21.5	19.2	17.8	16.2	14.5	13.5	12.2	11.6	10.9	9.9
64°	19.5	17.5	15.9	14.5	13.5	11.9	11.2	10.2	9.3	9.3	8.3
65°	15.9	14.2	12.9	11.9	10.9	9.9	9.3	8.3	7.6	7.3	6.6
66°	12.6	11.2	10.2	9.6	8.6	7.9	7.3	6.6	5.9	5.9	5.3



TEST NUMBER: P175544

CATALOG NUMBER: LDA6A10830D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
72.5°	2.3	2.3	2.3	2.0	2.0	2.0	2.0	1.7	1.7	1.7	1.7
75°	1.7	1.7	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
77.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
80°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
82.5°	0.7	0.7	0.7	0.7	0.7	1.0	1.0	1.0	1.0	1.0	1.0
85°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	1.0	1.0
87.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
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: P175544

CATALOG NUMBER: LDA6A10830D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
0°	157.3	157.3	157.3	157.3	157.3	157.3	157.3	157.3
2.5°	160.9	160.2	156.3	154.9	141.4	129.8	125.2	122.2
5°	164.9	162.2	156.6	154.0	128.5	110.3	102.1	98.5
7.5°	167.2	162.5	154.9	151.0	116.0	94.2	83.9	80.3
10°	166.8	160.9	152.0	146.4	104.4	80.9	70.7	67.1
12.5°	166.5	158.9	148.7	141.7	94.8	71.4	60.8	57.5
15°	165.5	156.3	145.0	137.1	86.6	63.4	53.9	50.9
17.5°	162.9	153.0	140.4	131.8	79.6	57.5	49.2	46.3
20°	159.6	148.7	136.1	127.2	75.3	55.2	48.2	46.3
22.5°	156.9	145.7	133.1	124.6	76.6	62.1	61.8	63.1
25°	155.9	145.0	132.5	124.6	83.3	75.0	79.3	81.6
26°	155.3	144.7	132.5	124.6	85.2	78.3	82.3	84.9
27°	154.3	143.7	131.8	123.9	86.2	80.0	83.6	85.6
28°	152.6	142.1	130.2	122.9	86.2	80.0	82.9	84.6
29°	150.3	140.1	128.2	120.9	85.2	78.6	80.9	82.3
30°	147.0	136.8	125.2	117.9	82.9	76.6	78.0	79.0
31°	143.1	133.1	121.6	114.6	80.6	74.0	75.0	75.7
32°	138.8	128.8	117.6	111.0	77.6	71.0	71.7	72.0
33°	134.1	124.6	113.6	107.0	75.0	68.4	68.4	68.7
34°	129.5	119.9	110.0	103.1	72.4	66.1	65.4	65.7
35°	124.9	115.3	105.7	99.1	69.7	63.4	62.8	62.8
36°	119.6	110.3	101.1	94.8	67.1	61.5	60.1	60.1
37°	114.6	105.7	96.8	90.5	64.1	59.1	57.8	57.5
38°	109.4	100.8	92.2	86.2	61.5	56.8	55.5	55.2
39°	104.1	95.8	87.6	81.9	58.8	54.5	53.5	52.9
40°	98.5	90.5	82.9	77.3	56.2	51.9	51.2	50.5
42.5°	83.9	77.0	70.7	66.7	49.6	45.6	44.6	44.9
45°	69.7	64.4	59.5	56.8	42.9	39.3	38.3	38.3
47.5°	57.2	53.2	49.9	47.2	36.0	32.7	31.7	30.4
50°	46.3	43.3	40.6	39.0	29.7	26.4	24.4	23.1
51°	42.3	39.6	37.3	35.7	27.1	23.8	21.5	20.2
52°	38.3	36.0	34.0	32.7	24.4	21.1	18.8	17.5
53°	34.7	32.7	31.1	29.7	22.1	18.8	16.5	15.2
54°	31.4	29.4	28.1	26.8	19.8	16.5	13.9	12.9
55°	28.4	26.4	25.4	24.1	17.5	14.2	11.6	10.9
57.5°	21.1	19.8	19.2	18.2	12.9	9.3	6.9	5.9
60°	15.2	14.2	13.9	13.2	8.3	5.0	3.6	3.0
61°	13.2	12.6	11.9	11.2	6.6	4.0	3.0	2.6
62°	11.2	10.6	9.9	9.6	5.3	3.3	2.6	2.3
63°	9.3	8.9	8.3	7.9	4.3	2.6	2.3	2.0
64°	7.6	7.3	6.6	6.3	3.6	2.3	2.0	1.7
65°	6.3	5.9	5.3	5.0	3.0	2.0	1.7	1.3
66°	5.0	4.6	4.3	4.0	2.6	2.0	1.3	1.3



TEST NUMBER: P175544

CATALOG NUMBER: LDA6A10830D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
72.5°	1.7	1.7	1.3	1.3	1.3	1.3	1.3	1.0
75°	1.3	1.3	1.3	1.3	1.3	1.3	1.0	1.0
77.5°	1.0	1.0	1.0	1.0	1.3	1.0	1.0	1.0
80°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7
82.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7
85°	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.7
87.5°	0.7	1.0	1.0	1.0	1.0	0.7	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°	23.8	24.4	24.8	24.8	24.4	23.1	23.5	22.8	22.1	21.5	20.8
70°	11.9	12.2	12.6	12.6	12.2	11.6	11.9	11.6	11.2	10.9	10.2





67.5°	20.2	19.5	18.5	17.5	16.2	15.9	14.2	12.9	11.9	10.2	9.6
70°	9.9	9.6	8.9	8.3	7.9	7.6	6.6	6.3	5.6	5.0	4.6





67.5°	8.6	7.6	6.9	6.6	5.9	5.6	5.3	4.6	4.3	4.3	4.0
70°	4.3	4.0	3.6	3.6	3.3	3.0	3.0	2.6	2.6	2.6	2.3





67.5°	3.6	3.6	3.3	3.0	2.0	1.7	1.3	1.3
70°	2.3	2.3	2.0	2.0	1.7	1.3	1.3	1.0



(END OF REPORT)