

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: P175545

Luminaire Tested: **LDA6A10835D010TE LAR35FL 6LLWW1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P175545
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: LDA6A10835D010TE LAR35FL 6LLWW1
Description: PORTFOLIO 6" Lensed Wall Wash, Self-flanged, 35° Flood Optic, at 30° tilt
Light Source: (1) HIGH LUMEN LED 80CRI / 3500K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 699.9 lumens
Efficiency: N/A
Efficacy: 50.6 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

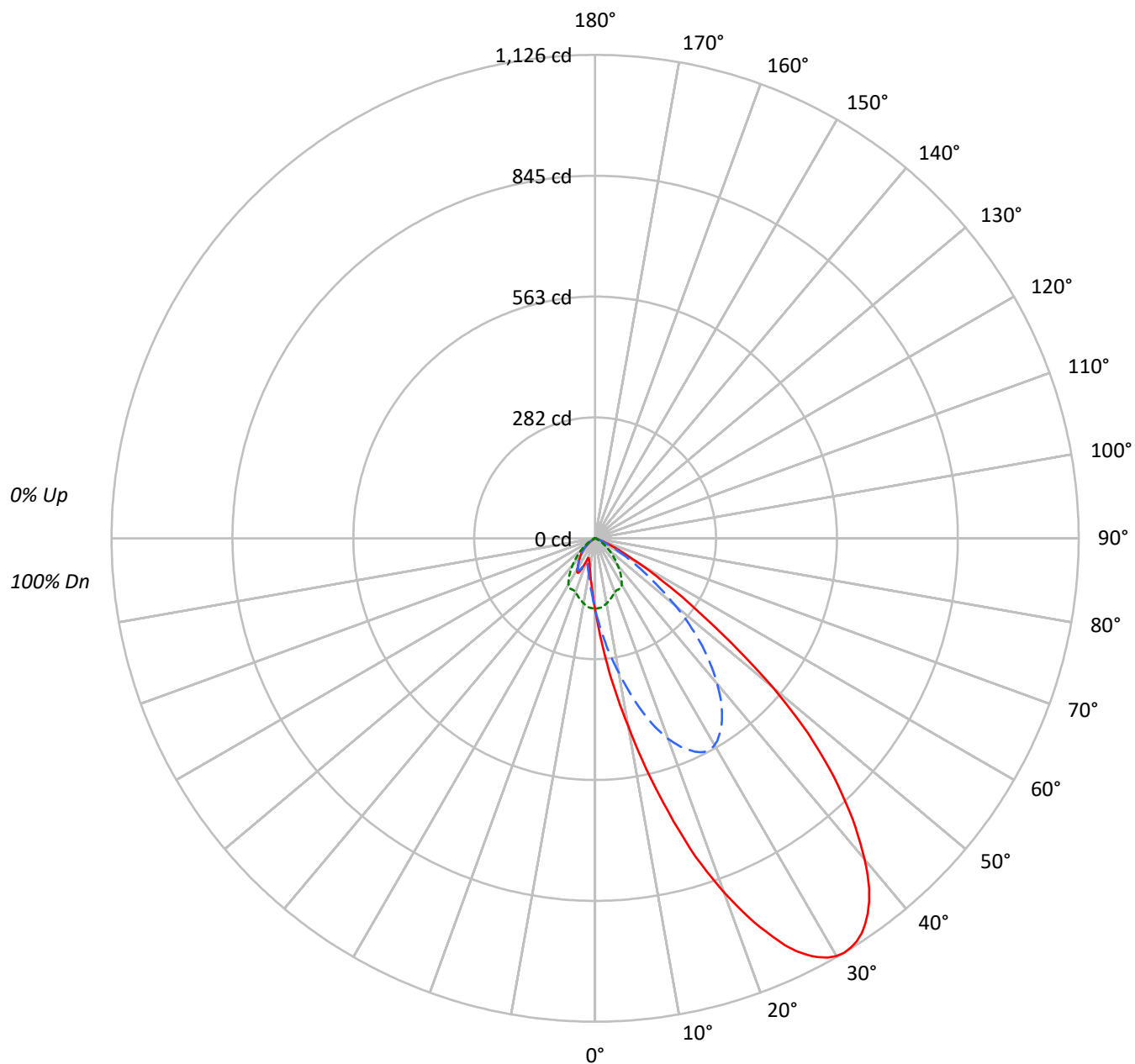
Input Watts (W): 13.84
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°
0°	9062	9062	9062
5°	15425	8909	5696
10°	24766	8567	3924
15°	37531	8178	3036
20°	51244	7800	2835
25°	63258	7918	5190
30°	71125	7849	5254
35°	73381	6973	4417
40°	69874	5818	3800
45°	60968	4628	3124
50°	45977	3497	2072
55°	26561	2428	1099
60°	13749	1524	340
65°	5941	675	182
70°	2004	337	160
75°	657	297	212
80°	442	316	221
85°	189	629	440



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.7	2.5
10°-20°	71.4	10.2
20°-30°	152.1	21.7
30°-40°	197.4	28.2
40°-50°	165.6	23.7
50°-60°	76.3	10.9
60°-70°	16.5	2.4
70°-80°	2.1	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°	241.2	34.5
0°-40°	438.6	62.7
0°-60°	680.5	97.2
0°-90°	699.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	699.9	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	165	165	165	165	165	
5°	280	234	162	116	104	32
15°	661	415	144	67	54	194
25°	1046	548	131	79	86	480
35°	1096	515	104	67	66	677
45°	786	350	60	41	40	597
55°	278	143	25	15	12	264
65°	46	26	5	2	1	53
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°	165.3	165.3	165.3	165.3	165.3	165.3	165.3	165.3	165.3	165.3	165.3
2.5°	214.0	210.8	213.6	213.6	211.9	210.5	212.9	209.8	211.5	208.4	208.4
5°	280.3	272.3	276.1	275.8	272.7	273.4	272.3	267.8	268.8	264.0	262.6
7.5°	358.1	349.8	353.9	352.9	348.4	348.0	346.3	339.0	339.0	331.7	327.9
10°	444.9	438.7	443.5	441.5	435.9	433.5	430.7	420.6	418.5	407.4	401.2
12.5°	549.8	546.7	541.5	538.0	535.6	531.8	526.9	513.7	508.8	493.9	484.2
15°	661.3	659.9	654.0	654.7	645.3	634.2	637.0	615.1	606.8	587.3	574.1
17.5°	777.0	772.8	767.3	759.6	754.8	741.6	735.7	715.2	703.0	678.7	662.4
20°	878.4	876.7	871.8	862.1	854.8	839.9	830.5	806.9	789.8	761.4	741.6
22.5°	968.7	965.9	961.4	949.6	940.9	923.2	911.4	884.3	863.5	831.2	807.2
25°	1045.8	1040.6	1036.8	1022.5	1013.2	992.3	978.4	948.2	923.6	887.8	860.0
26°	1069.8	1065.3	1061.8	1046.9	1036.8	1014.9	1000.3	968.7	942.3	905.8	876.3
27°	1089.6	1085.8	1083.0	1067.4	1056.6	1034.0	1018.0	986.1	957.9	920.4	889.9
28°	1105.2	1101.7	1099.0	1082.6	1071.5	1048.3	1031.2	998.6	969.1	930.5	899.2
29°	1116.7	1113.2	1111.1	1093.8	1082.6	1058.7	1041.0	1007.3	976.7	937.5	905.1
30°	1123.6	1120.1	1118.1	1100.0	1088.9	1064.6	1045.5	1011.8	979.8	940.2	907.2
31°	1126.1	1122.2	1120.8	1102.4	1090.6	1065.6	1046.5	1011.8	979.1	939.2	905.5
32°	1124.0	1120.5	1119.5	1100.7	1088.5	1063.2	1043.7	1008.7	975.3	935.0	900.6
33°	1119.1	1115.6	1114.9	1095.8	1083.7	1057.6	1038.5	1002.8	968.7	928.1	893.7
34°	1110.1	1106.6	1106.6	1087.2	1074.6	1048.6	1029.5	993.7	958.6	918.3	883.6
35°	1096.5	1095.1	1093.8	1074.0	1061.4	1035.4	1016.3	980.2	945.1	905.1	869.7
36°	1079.9	1078.8	1077.4	1057.6	1044.8	1018.7	1000.3	964.2	928.8	889.2	854.1
37°	1060.1	1059.4	1058.3	1038.5	1025.7	1000.0	981.2	945.8	910.4	871.1	836.0
38°	1036.1	1036.1	1035.1	1015.3	1002.4	977.0	959.0	923.6	888.5	849.9	815.5
39°	1007.6	1008.3	1007.6	987.8	975.0	950.0	932.6	898.2	863.1	825.6	794.7
40°	976.4	977.4	977.0	957.6	944.7	920.4	903.8	870.1	838.8	798.9	769.0
42.5°	887.8	889.5	889.9	871.5	859.3	836.7	821.8	790.9	758.2	724.9	697.8
45°	786.4	789.5	790.2	773.5	762.4	741.9	729.4	701.6	677.3	642.9	619.3
47.5°	672.8	677.3	679.0	663.8	653.0	635.3	625.9	602.3	581.1	550.2	530.4
50°	539.1	544.3	540.1	533.9	524.8	510.9	505.4	486.3	463.7	443.9	430.0
51°	481.1	486.6	489.7	477.6	469.9	457.4	453.3	436.9	416.8	399.8	388.0
52°	424.1	430.0	433.1	422.4	415.8	405.3	402.9	388.7	371.0	356.7	347.0
53°	370.6	376.2	372.7	370.3	364.4	355.7	354.3	342.5	327.2	315.4	307.7
54°	321.6	326.5	330.0	322.0	316.8	309.5	309.1	299.4	286.5	276.5	270.9
55°	277.9	282.4	285.5	278.9	274.4	268.1	268.1	260.2	249.4	241.0	236.9
57.5°	190.0	193.1	195.9	191.0	187.9	184.1	184.8	179.9	172.6	167.4	165.0
60°	125.4	127.8	129.6	126.4	124.7	122.3	123.0	119.8	117.4	111.8	110.8
61°	104.5	107.0	108.7	105.9	106.6	102.1	103.2	100.4	98.3	95.9	93.1
62°	86.5	88.6	90.0	87.5	88.2	84.4	85.4	83.4	81.6	79.2	77.1
63°	70.5	72.2	73.6	73.3	72.2	69.1	69.8	68.1	66.7	65.0	63.2
64°	57.3	58.7	59.7	59.7	58.7	55.9	56.6	54.9	54.2	52.4	51.1
65°	45.8	46.9	47.6	47.6	46.9	44.8	45.2	44.1	43.1	42.0	41.0
66°	36.1	37.2	37.9	37.9	37.2	35.4	35.8	34.7	34.0	33.0	32.3



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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°	5.9	6.3	6.3	6.3	6.3	5.9	5.9	5.9	5.6	5.6	5.2
75°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	2.8	2.8	2.8	2.8
77.5°	2.1	2.1	2.1	2.1	2.1	1.7	1.7	1.7	1.7	1.7	1.7
80°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	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°	165.3	165.3	165.3	165.3	165.3	165.3	165.3	165.3	165.3	165.3	165.3
2.5°	207.4	205.6	205.3	202.8	199.0	201.1	196.6	196.6	194.9	194.2	191.0
5°	259.5	256.0	253.9	249.0	245.2	243.8	236.5	234.4	230.3	227.2	221.6
7.5°	322.7	316.1	311.2	303.6	296.3	292.8	281.7	276.5	269.5	263.3	254.6
10°	392.5	382.4	374.4	363.0	351.8	344.9	329.6	318.5	309.8	299.7	287.6
12.5°	471.3	457.1	444.9	428.6	413.0	402.2	381.7	365.7	352.9	338.6	322.3
15°	555.7	536.6	520.0	498.1	474.5	461.6	435.9	414.7	397.3	378.2	356.7
17.5°	637.7	613.4	591.2	564.1	535.9	514.4	486.3	459.5	436.9	411.9	387.3
20°	711.0	681.5	654.0	621.7	589.4	562.7	529.3	497.4	469.9	441.1	411.9
22.5°	772.1	737.7	705.4	669.0	632.1	601.2	563.0	526.9	495.3	463.0	429.7
25°	820.4	782.2	746.1	705.4	665.1	630.8	588.4	548.4	513.7	478.3	442.2
26°	835.7	795.7	758.2	714.8	674.9	639.1	595.7	554.3	518.6	482.4	445.3
27°	847.5	806.2	767.3	723.5	682.2	645.3	600.5	558.5	521.3	484.5	446.7
28°	855.5	813.1	772.8	728.4	686.3	648.5	603.0	559.9	522.0	484.9	446.3
29°	860.7	816.9	775.6	731.1	688.1	649.2	603.0	559.2	521.0	483.1	444.2
30°	861.7	817.3	775.2	730.1	686.3	647.1	600.2	556.1	517.2	479.3	440.1
31°	860.0	814.1	771.4	726.6	682.5	642.2	595.3	551.2	512.7	474.1	434.5
32°	854.8	808.6	765.5	720.4	675.9	635.6	588.7	543.9	505.4	467.2	427.6
33°	847.8	800.6	757.2	712.0	667.9	627.3	580.4	535.9	497.4	458.8	419.6
34°	838.1	790.5	746.8	702.3	657.8	617.2	570.3	526.2	487.7	449.4	410.5
35°	824.9	777.0	733.6	689.8	645.3	605.1	558.5	514.7	476.9	439.0	400.5
36°	809.6	762.4	718.6	675.2	631.1	591.2	545.7	502.2	464.7	427.2	389.4
37°	792.6	745.4	702.3	659.6	616.2	576.6	531.8	489.0	452.2	415.1	377.9
38°	772.8	725.9	683.6	641.9	599.1	560.2	516.5	474.5	438.3	401.9	365.4
39°	749.9	704.0	662.4	622.1	580.4	542.2	499.5	458.5	423.1	387.6	351.8
40°	725.2	680.8	640.1	600.9	560.2	523.1	481.4	441.8	407.4	372.7	338.0
42.5°	657.8	616.2	578.7	543.6	506.1	471.7	434.2	397.7	365.7	333.8	301.8
45°	583.9	546.0	512.3	481.4	447.4	416.8	383.1	350.1	321.3	292.1	263.6
47.5°	500.2	466.8	437.6	411.6	382.1	355.3	326.5	298.0	272.7	247.3	222.3
50°	406.0	378.9	356.0	335.2	311.6	289.7	266.4	243.1	222.3	200.8	179.9
51°	367.5	343.2	322.3	304.6	282.7	263.3	242.4	221.3	202.1	182.7	163.2
52°	329.3	308.1	290.0	274.4	255.3	237.9	219.2	200.1	182.7	165.0	146.9
53°	292.8	274.4	258.8	245.6	228.9	213.6	196.9	180.3	164.3	148.3	132.0
54°	258.4	242.8	229.6	218.5	203.9	190.3	176.1	161.2	146.9	132.0	117.1
55°	226.5	213.3	202.1	192.8	180.3	168.5	156.3	143.1	130.2	116.7	105.2
57.5°	158.7	150.0	142.8	136.8	128.5	122.6	112.2	103.2	95.2	83.4	74.7
60°	107.0	101.1	96.6	93.1	87.5	84.4	77.1	70.5	65.3	56.6	50.4
61°	90.0	85.1	81.3	78.5	74.0	71.2	65.0	59.7	54.9	47.6	42.0
62°	74.7	70.5	69.1	65.3	61.5	59.4	54.2	49.7	45.8	39.2	34.7
63°	61.1	57.7	56.6	53.5	50.4	49.0	44.5	41.0	37.5	32.0	28.5
64°	49.3	46.5	45.8	43.4	41.0	39.6	36.1	33.0	30.2	25.7	22.9
65°	39.2	38.2	36.5	34.7	32.6	31.6	28.8	26.4	24.0	20.5	18.4
66°	30.9	30.2	28.5	27.1	25.4	24.7	22.2	20.5	18.8	16.0	14.6



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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°	4.9	4.9	4.5	4.5	3.8	3.8	3.5	3.1	3.1	2.8	2.8
75°	2.4	2.4	2.4	2.4	2.1	2.1	2.1	2.1	1.7	1.7	1.7
77.5°	1.7	1.7	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
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°	165.3	165.3	165.3	165.3	165.3	165.3	165.3	165.3	165.3	165.3	165.3
2.5°	190.0	186.9	185.5	184.4	182.3	180.6	178.2	176.8	173.7	174.0	170.2
5°	218.1	212.6	209.1	205.3	201.1	197.3	192.4	188.9	183.7	182.0	176.1
7.5°	248.0	239.3	233.4	226.5	219.9	213.3	205.6	199.7	192.8	188.3	180.3
10°	277.5	266.8	256.0	245.9	236.2	226.8	216.4	208.4	198.7	192.1	182.3
12.5°	308.1	292.1	278.9	265.7	252.5	240.4	227.2	216.0	203.5	195.2	183.4
15°	338.3	318.2	301.5	284.5	268.1	252.5	236.5	223.0	208.4	197.6	183.7
17.5°	364.7	340.7	320.2	299.1	280.3	261.9	242.8	227.2	210.5	198.0	182.7
20°	385.2	357.8	334.1	309.8	288.3	267.1	246.3	228.9	210.5	196.6	179.9
22.5°	399.4	369.6	343.2	316.8	292.8	270.2	247.3	228.9	209.4	194.5	177.8
25°	409.2	377.6	349.1	320.9	295.6	271.6	248.0	228.5	208.7	193.8	176.4
26°	411.2	378.9	350.1	321.3	295.6	271.3	247.3	227.9	208.1	193.1	175.8
27°	411.9	379.3	349.8	320.9	294.9	270.2	246.3	226.8	206.7	191.7	174.7
28°	410.9	378.2	348.4	319.2	293.1	268.1	244.2	224.7	204.6	190.0	172.6
29°	408.5	375.5	345.6	316.4	290.4	265.0	241.0	221.9	201.8	187.2	170.2
30°	404.3	371.3	341.4	311.9	285.9	260.8	236.9	217.8	198.0	183.4	166.4
31°	398.7	366.1	336.2	306.7	280.6	256.0	232.0	213.3	193.5	179.2	162.2
32°	391.8	360.2	329.6	300.4	274.4	250.1	226.5	207.7	188.3	174.0	157.3
33°	383.8	352.9	322.3	293.5	268.1	243.8	220.2	201.8	183.0	168.8	152.5
34°	375.1	344.9	314.3	286.2	260.8	236.9	214.0	195.9	177.1	163.2	147.6
35°	365.4	335.9	305.7	277.5	253.2	229.6	207.0	189.3	170.9	157.3	142.1
36°	355.0	326.1	296.3	269.9	244.9	221.6	200.1	182.3	164.3	151.1	136.2
37°	344.2	316.1	286.9	261.2	236.5	214.0	192.8	175.4	158.0	145.2	130.6
38°	332.4	305.3	276.5	251.8	227.5	205.6	184.8	168.1	151.4	138.9	124.7
39°	319.9	292.5	265.7	241.7	218.1	196.9	176.8	160.8	144.1	132.3	118.4
40°	307.0	280.3	254.6	231.3	208.4	188.3	168.5	152.8	137.2	125.4	112.2
42.5°	273.7	249.4	225.4	204.6	183.0	164.6	146.6	132.3	118.1	107.7	95.9
45°	238.3	216.7	194.9	176.1	156.6	140.0	124.0	111.1	98.3	89.6	79.5
47.5°	202.1	181.3	162.2	145.5	129.9	113.9	100.4	89.3	78.8	71.9	64.6
50°	161.2	145.9	129.2	115.3	100.7	88.9	77.5	69.5	61.8	57.3	51.8
51°	145.9	131.6	116.4	103.5	90.0	79.2	69.5	62.5	55.9	52.1	47.2
52°	133.0	118.1	103.9	92.0	80.9	70.5	62.2	56.3	50.7	47.2	42.7
53°	117.4	105.6	92.4	81.6	71.6	62.5	55.6	50.4	45.5	42.7	38.9
54°	104.2	93.4	81.3	71.6	63.2	55.6	49.3	45.2	41.0	38.2	35.1
55°	91.7	83.4	70.9	62.5	55.6	49.0	44.1	40.3	36.5	34.4	31.3
57.5°	64.3	57.0	49.3	44.5	39.9	35.8	32.3	29.5	27.1	25.7	23.3
60°	42.7	38.2	33.7	30.6	27.8	25.4	22.9	20.8	19.1	18.4	16.7
61°	35.8	32.3	28.5	26.4	24.0	21.5	19.5	18.1	16.7	16.0	14.6
62°	30.6	27.1	24.0	22.2	20.1	18.4	16.7	15.3	14.2	13.5	12.5
63°	25.0	22.6	20.1	18.8	17.0	15.3	14.2	12.9	12.2	11.5	10.4
64°	20.5	18.4	16.7	15.3	14.2	12.5	11.8	10.8	9.7	9.7	8.7
65°	16.7	14.9	13.5	12.5	11.5	10.4	9.7	8.7	8.0	7.6	6.9
66°	13.2	11.8	10.8	10.1	9.0	8.3	7.6	6.9	6.3	6.3	5.6



TEST NUMBER: P175545

CATALOG NUMBER: LDA6A10835D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
72.5°	2.4	2.4	2.4	2.1	2.1	2.1	2.1	1.7	1.7	1.7	1.7
75°	1.7	1.7	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
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: P175545

CATALOG NUMBER: LDA6A10835D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
0°	165.3	165.3	165.3	165.3	165.3	165.3	165.3	165.3
2.5°	169.2	168.5	164.3	162.9	148.7	136.5	131.6	128.5
5°	173.3	170.5	164.6	161.9	135.1	116.0	107.3	103.5
7.5°	175.8	170.9	162.9	158.7	121.9	99.0	88.2	84.4
10°	175.4	169.2	159.8	153.9	109.8	85.1	74.3	70.5
12.5°	175.1	167.1	156.3	149.0	99.7	75.0	63.9	60.4
15°	174.0	164.3	152.5	144.1	91.0	66.7	56.6	53.5
17.5°	171.2	160.8	147.6	138.6	83.7	60.4	51.8	48.6
20°	167.8	156.3	143.1	133.7	79.2	58.0	50.7	48.6
22.5°	165.0	153.2	140.0	130.9	80.6	65.3	65.0	66.3
25°	163.9	152.5	139.3	130.9	87.5	78.8	83.4	85.8
26°	163.2	152.1	139.3	130.9	89.6	82.3	86.5	89.3
27°	162.2	151.1	138.6	130.2	90.7	84.1	87.9	90.0
28°	160.5	149.4	136.8	129.2	90.7	84.1	87.2	88.9
29°	158.0	147.3	134.8	127.1	89.6	82.7	85.1	86.5
30°	154.6	143.8	131.6	124.0	87.2	80.6	82.0	83.0
31°	150.4	140.0	127.8	120.5	84.7	77.8	78.8	79.5
32°	145.9	135.5	123.7	116.7	81.6	74.7	75.4	75.7
33°	141.0	130.9	119.5	112.5	78.8	71.9	71.9	72.2
34°	136.2	126.1	115.7	108.4	76.1	69.5	68.8	69.1
35°	131.3	121.2	111.1	104.2	73.3	66.7	66.0	66.0
36°	125.7	116.0	106.3	99.7	70.5	64.6	63.2	63.2
37°	120.5	111.1	101.8	95.2	67.4	62.2	60.8	60.4
38°	115.0	105.9	96.9	90.7	64.6	59.7	58.4	58.0
39°	109.4	100.7	92.0	86.1	61.8	57.3	56.3	55.6
40°	103.5	95.2	87.2	81.3	59.0	54.5	53.8	53.1
42.5°	88.2	80.9	74.3	70.2	52.1	47.9	46.9	47.2
45°	73.3	67.7	62.5	59.7	45.2	41.3	40.3	40.3
47.5°	60.1	55.9	52.4	49.7	37.9	34.4	33.3	32.0
50°	48.6	45.5	42.7	41.0	31.3	27.8	25.7	24.3
51°	44.5	41.7	39.2	37.5	28.5	25.0	22.6	21.2
52°	40.3	37.9	35.8	34.4	25.7	22.2	19.8	18.4
53°	36.5	34.4	32.6	31.3	23.3	19.8	17.4	16.0
54°	33.0	30.9	29.5	28.1	20.8	17.4	14.6	13.5
55°	29.9	27.8	26.7	25.4	18.4	14.9	12.2	11.5
57.5°	22.2	20.8	20.1	19.1	13.5	9.7	7.3	6.3
60°	16.0	14.9	14.6	13.9	8.7	5.2	3.8	3.1
61°	13.9	13.2	12.5	11.8	6.9	4.2	3.1	2.8
62°	11.8	11.1	10.4	10.1	5.6	3.5	2.8	2.4
63°	9.7	9.4	8.7	8.3	4.5	2.8	2.4	2.1
64°	8.0	7.6	6.9	6.6	3.8	2.4	2.1	1.7
65°	6.6	6.3	5.6	5.2	3.1	2.1	1.7	1.4
66°	5.2	4.9	4.5	4.2	2.8	2.1	1.4	1.4



TEST NUMBER: P175545

CATALOG NUMBER: LDA6A10835D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
72.5°	1.7	1.7	1.4	1.4	1.4	1.4	1.4	1.0
75°	1.4	1.4	1.4	1.4	1.4	1.4	1.0	1.0
77.5°	1.0	1.0	1.0	1.0	1.4	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°	25.0	25.7	26.0	26.0	25.7	24.3	24.7	24.0	23.3	22.6	21.9
70°	12.5	12.9	13.2	13.2	12.9	12.2	12.5	12.2	11.8	11.5	10.8





67.5°	21.2	20.5	19.5	18.4	17.0	16.7	14.9	13.5	12.5	10.8	10.1
70°	10.4	10.1	9.4	8.7	8.3	8.0	6.9	6.6	5.9	5.2	4.9





67.5°	9.0	8.0	7.3	6.9	6.3	5.9	5.6	4.9	4.5	4.5	4.2
70°	4.5	4.2	3.8	3.8	3.5	3.1	3.1	2.8	2.8	2.8	2.4





67.5°	3.8	3.8	3.5	3.1	2.1	1.7	1.4	1.4
70°	2.4	2.4	2.1	2.1	1.7	1.4	1.4	1.0



(END OF REPORT)