

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: P175546

Luminaire Tested: **LDA6A10840D010TE LAR35FL 6LLWW1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P175546
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: LDA6A10840D010TE LAR35FL 6LLWW1
Description: PORTFOLIO 6" Lensed Wall Wash, Self-flanged, 35° Flood Optic, at 30° tilt
Light Source: (1) HIGH LUMEN LED 80CRI / 4000K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 717.8 lumens
Efficiency: N/A
Efficacy: 51.9 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

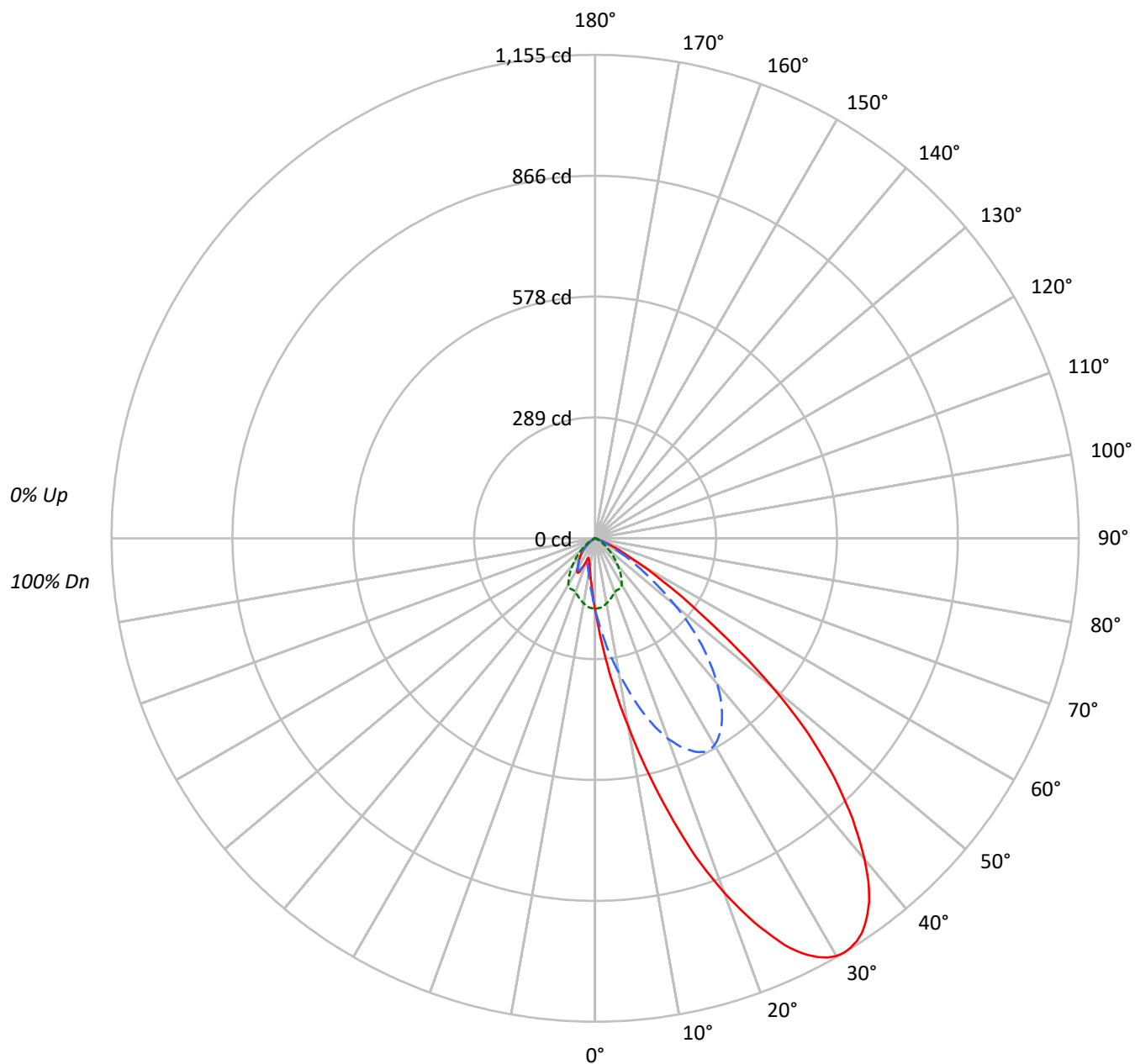
Input Watts (W): 13.84
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P175546

CATALOG NUMBER: LDA6A10840D010TE LAR35FL 6LLWW1

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°	9298	9298	9298
5°	15821	9135	5844
10°	25400	8784	4025
15°	38496	8388	3116
20°	52557	7998	2911
25°	64879	8123	5323
30°	72948	8052	5387
35°	75262	7154	4531
40°	71663	5968	3900
45°	62526	4752	3202
50°	47154	3582	2124
55°	27239	2485	1128
60°	14100	1557	351
65°	6097	687	182
70°	2052	337	176
75°	678	297	233
80°	442	347	221
85°	252	692	440



TEST NUMBER: P175546

CATALOG NUMBER: LDA6A10840D010TE LAR35FL 6LLWW1

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.2	2.5
10°-20°	73.2	10.2
20°-30°	156.0	21.7
30°-40°	202.5	28.2
40°-50°	169.8	23.7
50°-60°	78.3	10.9
60°-70°	16.9	2.4
70°-80°	2.2	0.3
80°-90°	0.8	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°	247.4	34.5
0°-40°	449.8	62.7
0°-60°	698.0	97.2
0°-90°	717.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	717.8	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	170	170	170	170	170	
5°	288	240	166	119	106	33
15°	678	425	148	68	55	199
25°	1073	562	134	81	88	492
35°	1125	528	107	68	68	694
45°	806	359	61	42	41	612
55°	285	147	26	15	12	271
65°	47	27	5	2	1	54
75°	3	2	1	1	1	5
85°	0	1	1	1	1	0
90°	0	0	0	0	0	



TEST NUMBER: P175546

CATALOG NUMBER: LDA6A10840D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	169.6	169.6	169.6	169.6	169.6	169.6	169.6	169.6	169.6	169.6	169.6
2.5°	219.4	216.2	219.1	219.1	217.3	215.9	218.4	215.2	216.9	213.7	213.7
5°	287.5	279.3	283.2	282.8	279.6	280.4	279.3	274.7	275.7	270.7	269.3
7.5°	367.3	358.7	363.0	361.9	357.3	356.9	355.2	347.7	347.7	340.2	336.3
10°	456.3	449.9	454.9	452.8	447.1	444.6	441.7	431.4	429.3	417.9	411.4
12.5°	563.9	560.7	555.4	551.8	549.3	545.4	540.4	526.9	521.9	506.6	496.6
15°	678.3	676.8	670.8	671.5	661.9	650.5	653.3	630.9	622.3	602.4	588.8
17.5°	796.9	792.6	786.9	779.1	774.1	760.6	754.5	733.5	721.0	696.1	679.3
20°	900.9	899.1	894.1	884.2	876.7	861.4	851.7	827.5	810.1	780.9	760.6
22.5°	993.5	990.7	986.0	973.9	965.0	946.9	934.7	907.0	885.6	852.5	827.9
25°	1072.6	1067.3	1063.3	1048.7	1039.1	1017.8	1003.5	972.5	947.2	910.5	882.0
26°	1097.2	1092.6	1089.0	1073.7	1063.3	1040.9	1025.9	993.5	966.5	929.0	898.8
27°	1117.5	1113.6	1110.7	1094.7	1083.7	1060.5	1044.1	1011.3	982.5	944.0	912.7
28°	1133.5	1130.0	1127.1	1110.4	1099.0	1075.1	1057.6	1024.2	993.9	954.3	922.3
29°	1145.3	1141.7	1139.6	1121.8	1110.4	1085.8	1067.6	1033.1	1001.7	961.5	928.3
30°	1152.4	1148.8	1146.7	1128.2	1116.8	1091.8	1072.3	1037.7	1004.9	964.3	930.5
31°	1154.9	1151.0	1149.6	1130.7	1118.6	1092.9	1073.3	1037.7	1004.2	963.2	928.7
32°	1152.8	1149.2	1148.1	1128.9	1116.4	1090.4	1070.5	1034.5	1000.3	959.0	923.7
33°	1147.8	1144.2	1143.5	1123.9	1111.4	1084.7	1065.1	1028.4	993.5	951.8	916.6
34°	1138.5	1135.0	1135.0	1115.0	1102.2	1075.5	1055.9	1019.2	983.2	941.9	906.3
35°	1124.6	1123.2	1121.8	1101.5	1088.6	1061.9	1042.3	1005.3	969.3	928.3	892.0
36°	1107.5	1106.5	1105.0	1084.7	1071.5	1044.8	1025.9	988.9	952.6	912.0	876.0
37°	1087.2	1086.5	1085.4	1065.1	1051.9	1025.6	1006.4	970.0	933.7	893.4	857.4
38°	1062.6	1062.6	1061.6	1041.3	1028.1	1002.1	983.6	947.2	911.2	871.7	836.4
39°	1033.4	1034.1	1033.4	1013.1	999.9	974.3	956.5	921.2	885.2	846.8	815.1
40°	1001.4	1002.4	1002.1	982.1	968.9	944.0	926.9	892.4	860.3	819.3	788.7
42.5°	910.5	912.3	912.7	893.8	881.3	858.2	842.8	811.1	777.7	743.5	715.7
45°	806.5	809.7	810.4	793.3	781.9	760.9	748.1	719.6	694.6	659.4	635.2
47.5°	690.0	694.6	696.4	680.8	669.7	651.5	641.9	617.7	596.0	564.3	544.0
50°	552.9	558.2	553.9	547.5	538.3	524.0	518.3	498.7	475.6	455.3	441.0
51°	493.4	499.1	502.3	489.8	482.0	469.2	464.9	448.1	427.5	410.0	397.9
52°	435.0	441.0	444.2	433.2	426.4	415.7	413.2	398.6	380.5	365.8	355.9
53°	380.1	385.8	382.2	379.7	373.7	364.8	363.4	351.2	335.6	323.5	315.6
54°	329.9	334.9	338.4	330.2	324.9	317.4	317.0	307.1	293.9	283.6	277.9
55°	285.0	289.6	292.8	286.1	281.4	275.0	275.0	266.8	255.8	247.2	242.9
57.5°	194.9	198.1	200.9	195.9	192.7	188.8	189.5	184.5	177.0	171.7	169.2
60°	128.6	131.1	132.9	129.7	127.9	125.4	126.1	122.9	120.4	114.7	113.6
61°	107.2	109.7	111.5	108.7	109.4	104.7	105.8	103.0	100.8	98.3	95.5
62°	88.7	90.8	92.3	89.8	90.5	86.6	87.6	85.5	83.7	81.2	79.1
63°	72.3	74.1	75.5	75.2	74.1	70.9	71.6	69.8	68.4	66.6	64.8
64°	58.8	60.2	61.3	61.3	60.2	57.4	58.1	56.3	55.6	53.8	52.4
65°	47.0	48.1	48.8	48.8	48.1	46.0	46.3	45.2	44.2	43.1	42.0
66°	37.0	38.1	38.8	38.8	38.1	36.3	36.7	35.6	34.9	33.8	33.1



TEST NUMBER: P175546

CATALOG NUMBER: LDA6A10840D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
72.5°	6.1	6.4	6.4	6.4	6.4	6.1	6.1	6.1	5.7	5.7	5.3
75°	3.2	3.2	3.2	3.2	3.2	3.2	3.2	2.8	2.8	2.8	2.8
77.5°	2.1	2.1	2.1	2.1	2.1	1.8	1.8	1.8	1.8	1.8	1.8
80°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.1	1.1	1.1	1.1
82.5°	0.7	1.1	1.1	1.1	1.1	0.7	0.7	0.7	1.1	0.7	0.7
85°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4
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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CATALOG NUMBER: LDA6A10840D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	169.6	169.6	169.6	169.6	169.6	169.6	169.6	169.6	169.6	169.6	169.6
2.5°	212.7	210.9	210.5	208.0	204.1	206.3	201.6	201.6	199.8	199.1	195.9
5°	266.1	262.5	260.4	255.4	251.5	250.1	242.6	240.5	236.2	233.0	227.3
7.5°	330.9	324.2	319.2	311.3	303.9	300.3	288.9	283.6	276.4	270.0	261.1
10°	402.5	392.2	384.0	372.3	360.9	353.7	338.1	326.7	317.8	307.4	295.0
12.5°	483.4	468.8	456.3	439.6	423.6	412.5	391.5	375.1	361.9	347.3	330.6
15°	570.0	550.4	533.3	510.8	486.6	473.4	447.1	425.3	407.5	387.9	365.8
17.5°	654.0	629.1	606.3	578.5	549.7	527.6	498.7	471.3	448.1	422.5	397.2
20°	729.2	698.9	670.8	637.7	604.5	577.1	542.9	510.1	482.0	452.4	422.5
22.5°	791.9	756.6	723.5	686.1	648.3	616.6	577.4	540.4	508.0	474.9	440.7
25°	841.4	802.2	765.2	723.5	682.2	646.9	603.5	562.5	526.9	490.5	453.5
26°	857.1	816.1	777.7	733.1	692.2	655.5	610.9	568.5	531.9	494.8	456.7
27°	869.2	826.8	786.9	742.0	699.6	661.9	615.9	572.8	534.7	496.9	458.1
28°	877.4	833.9	792.6	747.0	703.9	665.1	618.4	574.2	535.4	497.3	457.8
29°	882.7	837.9	795.5	749.9	705.7	665.8	618.4	573.5	534.3	495.5	455.6
30°	883.8	838.2	795.1	748.8	703.9	663.7	615.6	570.3	530.4	491.6	451.3
31°	882.0	835.0	791.2	745.2	700.0	658.7	610.6	565.3	525.8	486.3	445.6
32°	876.7	829.3	785.1	738.8	693.2	651.9	603.8	557.9	518.3	479.1	438.5
33°	869.6	821.1	776.6	730.3	685.0	643.4	595.3	549.7	510.1	470.6	430.3
34°	859.6	810.8	765.9	720.3	674.7	633.0	584.9	539.7	500.1	461.0	421.1
35°	846.0	796.9	752.4	707.5	661.9	620.6	572.8	527.9	489.1	450.3	410.7
36°	830.4	781.9	737.0	692.5	647.3	606.3	559.6	515.1	476.6	438.2	399.3
37°	812.9	764.5	720.3	676.5	632.0	591.3	545.4	501.6	463.8	425.7	387.6
38°	792.6	744.5	701.1	658.3	614.5	574.6	529.7	486.6	449.6	412.2	374.8
39°	769.1	722.1	679.3	638.0	595.3	556.1	512.3	470.2	433.9	397.6	360.9
40°	743.8	698.2	656.5	616.3	574.6	536.5	493.7	453.1	417.9	382.2	346.6
42.5°	674.7	632.0	593.5	557.5	519.0	483.8	445.3	407.9	375.1	342.3	309.6
45°	598.8	560.0	525.4	493.7	458.8	427.5	392.9	359.1	329.5	299.6	270.4
47.5°	513.0	478.8	448.9	422.1	391.9	364.4	334.9	305.6	279.6	253.6	228.0
50°	416.4	388.6	365.1	343.8	319.5	297.1	273.2	249.4	228.0	205.9	184.5
51°	376.9	352.0	330.6	312.4	290.0	270.0	248.6	226.9	207.3	187.4	167.4
52°	337.7	316.0	297.5	281.4	261.8	244.0	224.8	205.2	187.4	169.2	150.7
53°	300.3	281.4	265.4	251.9	234.8	219.1	202.0	184.9	168.5	152.1	135.4
54°	265.0	249.0	235.5	224.1	209.1	195.2	180.6	165.3	150.7	135.4	120.0
55°	232.3	218.7	207.3	197.7	184.9	172.8	160.3	146.8	133.6	119.7	107.9
57.5°	162.8	153.9	146.4	140.4	131.8	125.7	115.1	105.8	97.6	85.5	76.6
60°	109.7	103.7	99.0	95.5	89.8	86.6	79.1	72.3	67.0	58.1	51.7
61°	92.3	87.3	83.4	80.5	75.9	73.0	66.6	61.3	56.3	48.8	43.1
62°	76.6	72.3	70.9	67.0	63.1	60.9	55.6	50.9	47.0	40.3	35.6
63°	62.7	59.1	58.1	54.9	51.7	50.2	45.6	42.0	38.5	32.8	29.2
64°	50.6	47.7	47.0	44.5	42.0	40.6	37.0	33.8	31.0	26.4	23.5
65°	40.3	39.2	37.4	35.6	33.5	32.4	29.6	27.1	24.6	21.0	18.9
66°	31.7	31.0	29.2	27.8	26.0	25.3	22.8	21.0	19.2	16.4	15.0



TEST NUMBER: P175546

CATALOG NUMBER: LDA6A10840D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
72.5°	5.0	5.0	4.6	4.6	3.9	3.9	3.6	3.2	3.2	2.8	2.8
75°	2.5	2.5	2.5	2.5	2.1	2.1	2.1	2.1	1.8	1.8	1.8
77.5°	1.8	1.8	1.4	1.4	1.4	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	1.1	1.1	1.1	1.1
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°	0.4	0.4	0.4	0.4	0.4	0.7	0.7	0.7	0.7	0.7	0.7
87.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	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°	169.6	169.6	169.6	169.6	169.6	169.6	169.6	169.6	169.6	169.6	169.6
2.5°	194.9	191.7	190.2	189.2	187.0	185.2	182.7	181.3	178.1	178.5	174.6
5°	223.7	218.0	214.5	210.5	206.3	202.3	197.4	193.8	188.4	186.7	180.6
7.5°	254.3	245.4	239.4	232.3	225.5	218.7	210.9	204.8	197.7	193.1	184.9
10°	284.6	273.6	262.5	252.2	242.2	232.6	221.9	213.7	203.8	197.0	187.0
12.5°	316.0	299.6	286.1	272.5	259.0	246.5	233.0	221.6	208.8	200.2	188.1
15°	347.0	326.3	309.2	291.8	275.0	259.0	242.6	228.7	213.7	202.7	188.4
17.5°	374.0	349.5	328.4	306.7	287.5	268.6	249.0	233.0	215.9	203.1	187.4
20°	395.1	366.9	342.7	317.8	295.7	273.9	252.6	234.8	215.9	201.6	184.5
22.5°	409.7	379.0	352.0	324.9	300.3	277.1	253.6	234.8	214.8	199.5	182.4
25°	419.6	387.2	358.0	329.2	303.2	278.6	254.3	234.4	214.1	198.8	181.0
26°	421.8	388.6	359.1	329.5	303.2	278.2	253.6	233.7	213.4	198.1	180.3
27°	422.5	389.0	358.7	329.2	302.4	277.1	252.6	232.6	212.0	196.6	179.2
28°	421.4	387.9	357.3	327.4	300.7	275.0	250.4	230.5	209.8	194.9	177.0
29°	418.9	385.1	354.4	324.5	297.8	271.8	247.2	227.6	207.0	192.0	174.6
30°	414.7	380.8	350.2	319.9	293.2	267.5	242.9	223.4	203.1	188.1	170.6
31°	409.0	375.5	344.8	314.6	287.8	262.5	238.0	218.7	198.4	183.8	166.4
32°	401.8	369.4	338.1	308.1	281.4	256.5	232.3	213.0	193.1	178.5	161.4
33°	393.6	361.9	330.6	301.0	275.0	250.1	225.9	207.0	187.7	173.1	156.4
34°	384.7	353.7	322.4	293.5	267.5	242.9	219.4	200.9	181.7	167.4	151.4
35°	374.8	344.5	313.5	284.6	259.7	235.5	212.3	194.1	175.3	161.4	145.7
36°	364.1	334.5	303.9	276.8	251.1	227.3	205.2	187.0	168.5	155.0	139.6
37°	353.0	324.2	294.2	267.9	242.6	219.4	197.7	179.9	162.1	148.9	133.9
38°	340.9	313.1	283.6	258.3	233.3	210.9	189.5	172.4	155.3	142.5	127.9
39°	328.1	299.9	272.5	247.9	223.7	202.0	181.3	164.9	147.8	135.7	121.5
40°	314.9	287.5	261.1	237.2	213.7	193.1	172.8	156.7	140.7	128.6	115.1
42.5°	280.7	255.8	231.2	209.8	187.7	168.9	150.3	135.7	121.1	110.4	98.3
45°	244.4	222.3	199.8	180.6	160.7	143.6	127.2	114.0	100.8	91.9	81.6
47.5°	207.3	186.0	166.4	149.3	133.2	116.8	103.0	91.6	80.9	73.7	66.3
50°	165.3	149.6	132.5	118.3	103.3	91.2	79.4	71.2	63.4	58.8	53.1
51°	149.6	135.0	119.3	106.2	92.3	81.2	71.2	64.1	57.4	53.4	48.4
52°	136.4	121.1	106.5	94.4	83.0	72.3	63.8	57.7	52.0	48.4	43.8
53°	120.4	108.3	94.8	83.7	73.4	64.1	57.0	51.7	46.7	43.8	39.9
54°	106.9	95.8	83.4	73.4	64.8	57.0	50.6	46.3	42.0	39.2	36.0
55°	94.0	85.5	72.7	64.1	57.0	50.2	45.2	41.3	37.4	35.3	32.1
57.5°	65.9	58.4	50.6	45.6	41.0	36.7	33.1	30.3	27.8	26.4	23.9
60°	43.8	39.2	34.6	31.3	28.5	26.0	23.5	21.4	19.6	18.9	17.1
61°	36.7	33.1	29.2	27.1	24.6	22.1	19.9	18.5	17.1	16.4	15.0
62°	31.3	27.8	24.6	22.8	20.7	18.9	17.1	15.7	14.6	13.9	12.8
63°	25.6	23.2	20.7	19.2	17.5	15.7	14.6	13.2	12.5	11.8	10.7
64°	21.0	18.9	17.1	15.7	14.6	12.8	12.1	11.0	10.0	10.0	8.9
65°	17.1	15.3	13.9	12.8	11.8	10.7	10.0	8.9	8.2	7.8	7.1
66°	13.5	12.1	11.0	10.3	9.3	8.5	7.8	7.1	6.4	6.4	5.7



TEST NUMBER: P175546

CATALOG NUMBER: LDA6A10840D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
72.5°	2.5	2.5	2.5	2.1	2.1	2.1	2.1	1.8	1.8	1.8	1.8
75°	1.8	1.8	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
77.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
80°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
82.5°	0.7	0.7	0.7	0.7	0.7	1.1	1.1	1.1	1.1	1.1	1.1
85°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	1.1	1.1
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: P175546

CATALOG NUMBER: LDA6A10840D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
0°	169.6	169.6	169.6	169.6	169.6	169.6	169.6	169.6
2.5°	173.5	172.8	168.5	167.1	152.5	140.0	135.0	131.8
5°	177.8	174.9	168.9	166.0	138.6	119.0	110.1	106.2
7.5°	180.3	175.3	167.1	162.8	125.0	101.5	90.5	86.6
10°	179.9	173.5	163.9	157.8	112.6	87.3	76.2	72.3
12.5°	179.5	171.3	160.3	152.8	102.2	76.9	65.5	62.0
15°	178.5	168.5	156.4	147.8	93.3	68.4	58.1	54.9
17.5°	175.6	164.9	151.4	142.1	85.9	62.0	53.1	49.9
20°	172.1	160.3	146.8	137.1	81.2	59.5	52.0	49.9
22.5°	169.2	157.1	143.6	134.3	82.6	67.0	66.6	68.0
25°	168.1	156.4	142.8	134.3	89.8	80.9	85.5	88.0
26°	167.4	156.0	142.8	134.3	91.9	84.4	88.7	91.6
27°	166.4	155.0	142.1	133.6	93.0	86.2	90.1	92.3
28°	164.6	153.2	140.4	132.5	93.0	86.2	89.4	91.2
29°	162.1	151.0	138.2	130.4	91.9	84.8	87.3	88.7
30°	158.5	147.5	135.0	127.2	89.4	82.6	84.1	85.1
31°	154.2	143.6	131.1	123.6	86.9	79.8	80.9	81.6
32°	149.6	138.9	126.8	119.7	83.7	76.6	77.3	77.7
33°	144.6	134.3	122.5	115.4	80.9	73.7	73.7	74.1
34°	139.6	129.3	118.6	111.1	78.0	71.2	70.5	70.9
35°	134.7	124.3	114.0	106.9	75.2	68.4	67.7	67.7
36°	129.0	119.0	109.0	102.2	72.3	66.3	64.8	64.8
37°	123.6	114.0	104.4	97.6	69.1	63.8	62.3	62.0
38°	117.9	108.7	99.4	93.0	66.3	61.3	59.8	59.5
39°	112.2	103.3	94.4	88.3	63.4	58.8	57.7	57.0
40°	106.2	97.6	89.4	83.4	60.6	55.9	55.2	54.5
42.5°	90.5	83.0	76.2	72.0	53.4	49.2	48.1	48.4
45°	75.2	69.5	64.1	61.3	46.3	42.4	41.3	41.3
47.5°	61.6	57.4	53.8	50.9	38.8	35.3	34.2	32.8
50°	49.9	46.7	43.8	42.0	32.1	28.5	26.4	24.9
51°	45.6	42.7	40.3	38.5	29.2	25.6	23.2	21.7
52°	41.3	38.8	36.7	35.3	26.4	22.8	20.3	18.9
53°	37.4	35.3	33.5	32.1	23.9	20.3	17.8	16.4
54°	33.8	31.7	30.3	28.9	21.4	17.8	15.0	13.9
55°	30.6	28.5	27.4	26.0	18.9	15.3	12.5	11.8
57.5°	22.8	21.4	20.7	19.6	13.9	10.0	7.5	6.4
60°	16.4	15.3	15.0	14.2	8.9	5.3	3.9	3.2
61°	14.2	13.5	12.8	12.1	7.1	4.3	3.2	2.8
62°	12.1	11.4	10.7	10.3	5.7	3.6	2.8	2.5
63°	10.0	9.6	8.9	8.5	4.6	2.8	2.5	2.1
64°	8.2	7.8	7.1	6.8	3.9	2.5	2.1	1.8
65°	6.8	6.4	5.7	5.3	3.2	2.1	1.8	1.4
66°	5.3	5.0	4.6	4.3	2.8	2.1	1.4	1.4



TEST NUMBER: P175546

CATALOG NUMBER: LDA6A10840D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
72.5°	1.8	1.8	1.4	1.4	1.4	1.4	1.4	1.1
75°	1.4	1.4	1.4	1.4	1.4	1.4	1.1	1.1
77.5°	1.1	1.1	1.1	1.1	1.4	1.1	1.1	1.1
80°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.7
82.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.7
85°	1.1	1.1	1.1	1.1	1.1	1.1	0.7	0.7
87.5°	0.7	1.1	1.1	1.1	1.1	0.7	0.4	0.4
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°	25.6	26.4	26.7	26.7	26.4	24.9	25.3	24.6	23.9	23.2	22.4
70°	12.8	13.2	13.5	13.5	13.2	12.5	12.8	12.5	12.1	11.8	11.0





67.5°	21.7	21.0	19.9	18.9	17.5	17.1	15.3	13.9	12.8	11.0	10.3
70°	10.7	10.3	9.6	8.9	8.5	8.2	7.1	6.8	6.1	5.3	5.0





67.5°	9.3	8.2	7.5	7.1	6.4	6.1	5.7	5.0	4.6	4.6	4.3
70°	4.6	4.3	3.9	3.9	3.6	3.2	3.2	2.8	2.8	2.8	2.5





67.5°	3.9	3.9	3.6	3.2	2.1	1.8	1.4	1.4
70°	2.5	2.5	2.1	2.1	1.8	1.4	1.4	1.1



(END OF REPORT)