

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: P175557

Luminaire Tested: **LDA6A15935D010TE LAR35FL 6LLWW1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P175557
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: LDA6A15935D010TE LAR35FL 6LLWW1
Description: PORTFOLIO 6" Lensed Wall Wash, Self-flanged, 35° Flood Optic, at 30° tilt
Light Source: (1) HIGH LUMEN LED 90CRI / 3500K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 851.5 lumens
Efficiency: N/A
Efficacy: 38.2 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

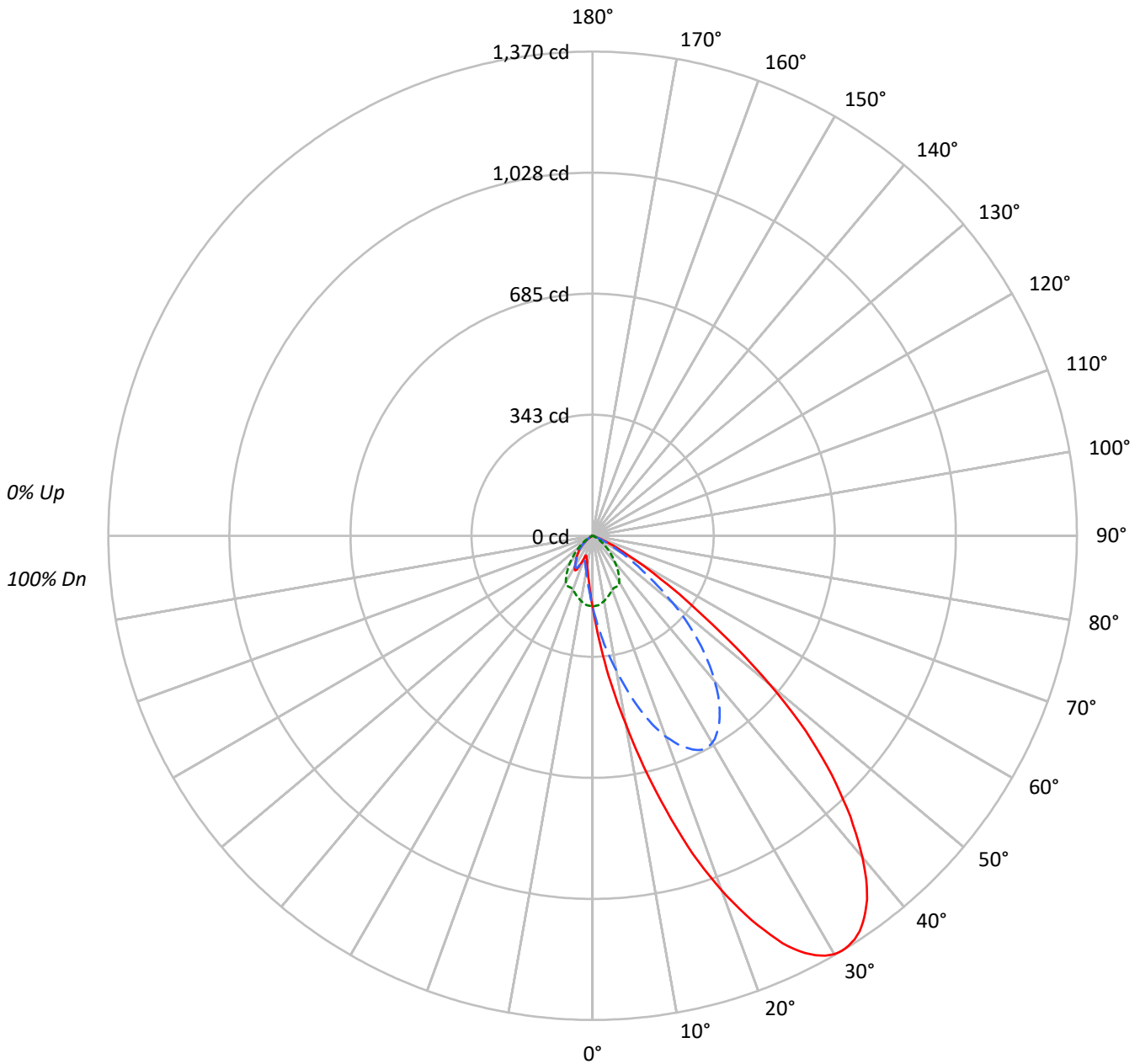
Input Watts (W): 22.27
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100
1	112	108	105	102	109	106	103	100	102	99	97	98	96	94	94	93	92	90	90	90	90
2	104	97	92	87	101	96	91	86	92	88	85	89	86	83	86	83	81	79	79	79	79
3	96	88	81	76	94	86	80	75	83	78	74	81	76	72	78	74	71	69	69	69	69
4	89	79	71	66	87	78	71	65	75	69	65	73	68	64	71	67	63	61	61	61	61
5	82	71	63	58	80	70	63	57	68	62	57	66	61	56	65	60	56	54	54	54	54
6	76	64	57	51	75	64	56	51	62	55	50	60	54	50	59	54	49	48	48	48	48
7	71	59	51	45	69	58	50	45	56	50	45	55	49	44	54	48	44	42	42	42	42
8	66	53	46	40	64	53	45	40	52	45	40	50	44	40	49	44	40	38	38	38	38
9	61	49	41	36	60	48	41	36	47	41	36	46	40	36	45	40	36	34	34	34	34
10	57	45	38	33	56	45	37	33	44	37	32	43	37	32	42	36	32	31	31	31	31

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°
0°	11024	11024	11024
5°	18765	10835	6928
10°	30132	10421	4776
15°	45659	9955	3695
20°	62340	9492	3454
25°	76958	9636	6315
30°	86526	9546	6393
35°	89275	8486	5374
40°	85002	7078	4623
45°	74163	5636	3799
50°	55930	4256	2524
55°	32305	2944	1329
60°	16720	1853	417
65°	7238	817	221
70°	2436	401	208
75°	805	360	275
80°	537	410	253
85°	252	818	503



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.6	2.5
10°-20°	86.8	10.2
20°-30°	185.0	21.7
30°-40°	240.2	28.2
40°-50°	201.4	23.7
50°-60°	92.9	10.9
60°-70°	20.0	2.4
70°-80°	2.6	0.3
80°-90°	0.9	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°	293.4	34.5
0°-40°	533.6	62.7
0°-60°	827.9	97.2
0°-90°	851.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	851.5	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	201	201	201	201	201	
5°	341	285	197	141	126	39
15°	804	504	175	81	65	236
25°	1272	667	159	96	104	584
35°	1334	626	127	81	80	824
45°	957	426	73	50	49	726
55°	338	174	31	18	14	321
65°	56	32	6	2	2	64
75°	4	2	2	2	1	6
85°	0	1	1	1	1	1
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°	201.1	201.1	201.1	201.1	201.1	201.1	201.1	201.1	201.1	201.1	201.1
2.5°	260.3	256.5	259.9	259.9	257.7	256.1	259.0	255.2	257.3	253.5	253.5
5°	341.0	331.3	335.9	335.5	331.7	332.5	331.3	325.8	327.0	321.1	319.4
7.5°	435.6	425.5	430.6	429.3	423.8	423.4	421.3	412.4	412.4	403.5	398.9
10°	541.3	533.7	539.6	537.0	530.3	527.3	523.9	511.7	509.2	495.6	488.0
12.5°	668.9	665.1	658.7	654.5	651.6	646.9	641.0	624.9	619.0	600.9	589.0
15°	804.5	802.8	795.6	796.5	785.1	771.6	774.9	748.3	738.2	714.5	698.5
17.5°	945.2	940.2	933.4	924.1	918.2	902.1	894.9	870.0	855.2	825.6	805.8
20°	1068.6	1066.5	1060.6	1048.7	1039.9	1021.7	1010.3	981.6	960.9	926.2	902.1
22.5°	1178.5	1175.1	1169.6	1155.2	1144.7	1123.1	1108.7	1075.8	1050.4	1011.1	982.0
25°	1272.3	1265.9	1261.3	1244.0	1232.5	1207.2	1190.3	1153.5	1123.5	1080.0	1046.2
26°	1301.4	1295.9	1291.7	1273.5	1261.3	1234.7	1216.9	1178.5	1146.4	1102.0	1066.1
27°	1325.5	1320.9	1317.5	1298.5	1285.4	1257.9	1238.5	1199.6	1165.4	1119.7	1082.5
28°	1344.5	1340.3	1336.9	1317.1	1303.5	1275.2	1254.5	1214.8	1178.9	1132.0	1094.0
29°	1358.5	1354.2	1351.7	1330.6	1317.1	1287.9	1266.4	1225.4	1188.2	1140.4	1101.1
30°	1366.9	1362.7	1360.2	1338.2	1324.7	1295.1	1271.8	1230.9	1192.0	1143.8	1103.7
31°	1369.9	1365.2	1363.5	1341.1	1326.8	1296.4	1273.1	1230.9	1191.1	1142.5	1101.6
32°	1367.3	1363.1	1361.8	1339.0	1324.2	1293.4	1269.7	1227.1	1186.5	1137.5	1095.6
33°	1361.4	1357.2	1356.4	1333.1	1318.3	1286.6	1263.4	1219.9	1178.5	1129.0	1087.2
34°	1350.4	1346.2	1346.2	1322.6	1307.3	1275.6	1252.4	1208.9	1166.2	1117.2	1074.9
35°	1334.0	1332.3	1330.6	1306.5	1291.3	1259.6	1236.4	1192.4	1149.7	1101.1	1058.0
36°	1313.7	1312.4	1310.7	1286.6	1271.0	1239.3	1216.9	1173.0	1129.9	1081.7	1039.0
37°	1289.6	1288.7	1287.5	1263.4	1247.8	1216.5	1193.7	1150.6	1107.5	1059.7	1017.1
38°	1260.4	1260.4	1259.2	1235.1	1219.5	1188.6	1166.6	1123.5	1080.9	1034.0	992.1
39°	1225.8	1226.6	1225.8	1201.7	1186.1	1155.6	1134.5	1092.7	1050.0	1004.4	966.8
40°	1187.8	1189.0	1188.6	1164.9	1149.3	1119.7	1099.4	1058.5	1020.4	971.8	935.5
42.5°	1080.0	1082.1	1082.5	1060.2	1045.4	1017.9	999.7	962.1	922.4	881.8	848.9
45°	956.6	960.4	961.3	941.0	927.5	902.5	887.3	853.5	824.0	782.1	753.4
47.5°	818.5	824.0	826.1	807.5	794.4	772.8	761.4	732.7	706.9	669.3	645.2
50°	655.8	662.1	657.0	649.4	638.5	621.6	614.8	591.6	564.1	540.0	523.1
51°	585.2	592.0	595.8	581.0	571.7	556.5	551.4	531.6	507.0	486.3	472.0
52°	515.9	523.1	526.9	513.8	505.8	493.1	490.1	472.8	451.3	433.9	422.1
53°	450.9	457.6	453.4	450.4	443.2	432.7	431.0	416.6	398.0	383.7	374.4
54°	391.3	397.2	401.4	391.7	385.4	376.5	376.1	364.2	348.6	336.3	329.6
55°	338.0	343.5	347.3	339.3	333.8	326.2	326.2	316.5	303.4	293.2	288.2
57.5°	231.1	234.9	238.3	232.4	228.6	223.9	224.8	218.9	210.0	203.7	200.7
60°	152.5	155.5	157.6	153.8	151.7	148.7	149.6	145.8	142.8	136.1	134.8
61°	127.2	130.1	132.3	128.9	129.7	124.2	125.5	122.1	119.6	116.6	113.2
62°	105.2	107.7	109.4	106.5	107.3	102.7	103.9	101.4	99.3	96.3	93.8
63°	85.8	87.9	89.6	89.2	87.9	84.1	84.9	82.8	81.1	79.0	76.9
64°	69.7	71.4	72.7	72.7	71.4	68.0	68.9	66.8	65.9	63.8	62.1
65°	55.8	57.0	57.9	57.9	57.0	54.5	54.9	53.7	52.4	51.1	49.9
66°	43.9	45.2	46.1	46.1	45.2	43.1	43.5	42.3	41.4	40.1	39.3



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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°	7.2	7.6	7.6	7.6	7.6	7.2	7.2	7.2	6.8	6.8	6.3
75°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.4	3.4	3.4	3.4
77.5°	2.5	2.5	2.5	2.5	2.5	2.1	2.1	2.1	2.1	2.1	2.1
80°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.3	1.3	1.3	1.3
82.5°	0.8	1.3	1.3	1.3	1.3	0.8	0.8	0.8	1.3	0.8	0.8
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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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	201.1	201.1	201.1	201.1	201.1	201.1	201.1	201.1	201.1	201.1	201.1
2.5°	252.3	250.1	249.7	246.8	242.1	244.7	239.2	239.2	237.0	236.2	232.4
5°	315.6	311.4	308.9	303.0	298.3	296.6	287.7	285.2	280.1	276.3	269.6
7.5°	392.5	384.5	378.6	369.3	360.4	356.2	342.7	336.3	327.9	320.3	309.7
10°	477.5	465.2	455.5	441.6	428.0	419.6	401.0	387.5	376.9	364.7	349.9
12.5°	573.4	556.1	541.3	521.4	502.4	489.3	464.4	444.9	429.3	412.0	392.1
15°	676.1	652.8	632.5	605.9	577.2	561.6	530.3	504.5	483.4	460.1	433.9
17.5°	775.8	746.2	719.2	686.2	652.0	625.8	591.6	559.0	531.6	501.1	471.1
20°	864.9	829.0	795.6	756.3	717.1	684.5	644.0	605.1	571.7	536.6	501.1
22.5°	939.3	897.5	858.2	813.8	769.0	731.4	684.9	641.0	602.5	563.2	522.7
25°	998.0	951.6	907.6	858.2	809.2	767.3	715.8	667.2	624.9	581.8	537.9
26°	1016.6	968.0	922.4	869.6	821.0	777.5	724.7	674.4	630.9	586.9	541.7
27°	1031.0	980.7	933.4	880.2	829.9	785.1	730.6	679.4	634.2	589.4	543.4
28°	1040.7	989.2	940.2	886.1	834.9	788.9	733.5	681.1	635.1	589.9	543.0
29°	1047.1	993.8	943.5	889.4	837.1	789.7	733.5	680.3	633.8	587.8	540.4
30°	1048.3	994.2	943.1	888.2	834.9	787.2	730.1	676.5	629.2	583.1	535.4
31°	1046.2	990.4	938.5	884.0	830.3	781.3	724.2	670.6	623.7	576.8	528.6
32°	1039.9	983.7	931.3	876.3	822.3	773.2	716.2	661.7	614.8	568.3	520.1
33°	1031.4	974.0	921.1	866.2	812.5	763.1	706.1	652.0	605.1	558.2	510.4
34°	1019.6	961.7	908.5	854.4	800.3	750.9	693.8	640.1	593.2	546.8	499.4
35°	1003.5	945.2	892.4	839.2	785.1	736.1	679.4	626.2	580.1	534.1	487.2
36°	984.9	927.5	874.2	821.4	767.8	719.2	663.8	611.0	565.4	519.7	473.7
37°	964.2	906.8	854.4	802.4	749.6	701.4	646.9	594.9	550.1	504.9	459.7
38°	940.2	883.1	831.6	780.9	728.9	681.6	628.3	577.2	533.2	488.9	444.5
39°	912.3	856.5	805.8	756.8	706.1	659.6	607.6	557.8	514.7	471.6	428.0
40°	882.3	828.2	778.7	731.0	681.6	636.3	585.6	537.5	495.6	453.4	411.1
42.5°	800.3	749.6	704.0	661.3	615.6	573.8	528.2	483.8	444.9	406.1	367.2
45°	710.3	664.2	623.2	585.6	544.2	507.0	466.1	425.9	390.8	355.4	320.7
47.5°	608.5	567.9	532.4	500.7	464.8	432.3	397.2	362.5	331.7	300.8	270.4
50°	493.9	461.0	433.1	407.8	379.0	352.4	324.1	295.8	270.4	244.2	218.9
51°	447.0	417.5	392.1	370.6	343.9	320.3	294.9	269.2	245.9	222.3	198.6
52°	400.6	374.8	352.8	333.8	310.6	289.4	266.6	243.4	222.3	200.7	178.7
53°	356.2	333.8	314.8	298.7	278.5	259.9	239.6	219.3	199.9	180.4	160.6
54°	314.4	295.4	279.3	265.8	248.0	231.6	214.2	196.1	178.7	160.6	142.4
55°	275.5	259.4	245.9	234.5	219.3	204.9	190.1	174.1	158.5	142.0	128.0
57.5°	193.1	182.5	173.7	166.5	156.3	149.2	136.5	125.5	115.8	101.4	90.8
60°	130.1	123.0	117.5	113.2	106.5	102.7	93.8	85.8	79.4	68.9	61.3
61°	109.4	103.5	98.9	95.5	90.0	86.6	79.0	72.7	66.8	57.9	51.1
62°	90.8	85.8	84.1	79.4	74.8	72.3	65.9	60.4	55.8	47.7	42.3
63°	74.4	70.1	68.9	65.1	61.3	59.6	54.1	49.9	45.6	38.9	34.6
64°	60.0	56.6	55.8	52.8	49.9	48.2	43.9	40.1	36.8	31.3	27.9
65°	47.7	46.5	44.4	42.3	39.7	38.5	35.1	32.1	29.2	24.9	22.4
66°	37.6	36.8	34.6	33.0	30.8	30.0	27.0	24.9	22.8	19.4	17.7



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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°	5.9	5.9	5.5	5.5	4.6	4.6	4.2	3.8	3.8	3.4	3.4
75°	3.0	3.0	3.0	3.0	2.5	2.5	2.5	2.5	2.1	2.1	2.1
77.5°	2.1	2.1	1.7	1.7	1.7	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	1.3	1.3	1.3	1.3
82.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
85°	0.4	0.4	0.4	0.4	0.4	0.8	0.8	0.8	0.8	0.8	0.8
87.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.8	0.8	0.8
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°	201.1	201.1	201.1	201.1	201.1	201.1	201.1	201.1	201.1	201.1	201.1
2.5°	231.1	227.3	225.6	224.4	221.8	219.7	216.8	215.1	211.3	211.7	207.0
5°	265.4	258.6	254.4	249.7	244.7	240.0	234.1	229.9	223.5	221.4	214.2
7.5°	301.7	291.1	283.9	275.5	267.5	259.4	250.1	243.0	234.5	229.0	219.3
10°	337.6	324.5	311.4	299.2	287.3	275.9	263.2	253.5	241.7	233.7	221.8
12.5°	374.8	355.4	339.3	323.2	307.2	292.4	276.3	262.8	247.6	237.5	223.1
15°	411.6	387.0	366.8	346.1	326.2	307.2	287.7	271.3	253.5	240.4	223.5
17.5°	443.7	414.5	389.6	363.8	341.0	318.6	295.4	276.3	256.1	240.8	222.3
20°	468.6	435.2	406.5	376.9	350.7	324.9	299.6	278.5	256.1	239.2	218.9
22.5°	485.9	449.6	417.5	385.4	356.2	328.7	300.8	278.5	254.8	236.6	216.3
25°	497.8	459.3	424.7	390.4	359.6	330.4	301.7	278.0	253.9	235.8	214.7
26°	500.3	461.0	425.9	390.8	359.6	330.0	300.8	277.2	253.1	234.9	213.8
27°	501.1	461.4	425.5	390.4	358.7	328.7	299.6	275.9	251.4	233.2	212.5
28°	499.9	460.1	423.8	388.3	356.6	326.2	297.0	273.4	248.9	231.1	210.0
29°	496.9	456.8	420.4	384.9	353.2	322.4	293.2	270.0	245.5	227.7	207.0
30°	491.8	451.7	415.4	379.4	347.8	317.3	288.2	264.9	240.8	223.1	202.4
31°	485.1	445.4	409.0	373.1	341.4	311.4	282.3	259.4	235.4	218.0	197.3
32°	476.6	438.2	401.0	365.5	333.8	304.2	275.5	252.7	229.0	211.7	191.4
33°	466.9	429.3	392.1	357.0	326.2	296.6	267.9	245.5	222.7	205.4	185.5
34°	456.3	419.6	382.4	348.2	317.3	288.2	260.3	238.3	215.5	198.6	179.6
35°	444.5	408.6	371.8	337.6	308.0	279.3	251.8	230.3	207.9	191.4	172.8
36°	431.8	396.8	360.4	328.3	297.9	269.6	243.4	221.8	199.9	183.8	165.6
37°	418.7	384.5	349.0	317.8	287.7	260.3	234.5	213.4	192.3	176.6	158.9
38°	404.4	371.4	336.3	306.3	276.8	250.1	224.8	204.5	184.2	169.0	151.7
39°	389.2	355.8	323.2	294.1	265.4	239.6	215.1	195.6	175.4	161.0	144.1
40°	373.5	341.0	309.7	281.4	253.5	229.0	204.9	185.9	166.9	152.5	136.5
42.5°	333.0	303.4	274.2	248.9	222.7	200.3	178.3	161.0	143.7	131.0	116.6
45°	289.9	263.7	237.0	214.2	190.6	170.3	150.8	135.2	119.6	109.0	96.8
47.5°	245.9	220.6	197.3	177.0	158.0	138.6	122.1	108.6	95.9	87.5	78.6
50°	196.1	177.5	157.2	140.3	122.5	108.2	94.2	84.5	75.2	69.7	63.0
51°	177.5	160.1	141.6	125.9	109.4	96.3	84.5	76.1	68.0	63.4	57.5
52°	161.8	143.7	126.3	112.0	98.5	85.8	75.6	68.5	61.7	57.5	52.0
53°	142.8	128.5	112.4	99.3	87.0	76.1	67.6	61.3	55.4	52.0	47.3
54°	126.8	113.7	98.9	87.0	76.9	67.6	60.0	54.9	49.9	46.5	42.7
55°	111.6	101.4	86.2	76.1	67.6	59.6	53.7	49.0	44.4	41.8	38.0
57.5°	78.2	69.3	60.0	54.1	48.6	43.5	39.3	35.9	33.0	31.3	28.3
60°	52.0	46.5	41.0	37.2	33.8	30.8	27.9	25.4	23.2	22.4	20.3
61°	43.5	39.3	34.6	32.1	29.2	26.2	23.7	22.0	20.3	19.4	17.7
62°	37.2	33.0	29.2	27.0	24.5	22.4	20.3	18.6	17.3	16.5	15.2
63°	30.4	27.5	24.5	22.8	20.7	18.6	17.3	15.6	14.8	13.9	12.7
64°	24.9	22.4	20.3	18.6	17.3	15.2	14.4	13.1	11.8	11.8	10.6
65°	20.3	18.2	16.5	15.2	13.9	12.7	11.8	10.6	9.7	9.3	8.5
66°	16.1	14.4	13.1	12.3	11.0	10.1	9.3	8.5	7.6	7.6	6.8



TEST NUMBER: P175557

CATALOG NUMBER: LDA6A15935D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
72.5°	3.0	3.0	3.0	2.5	2.5	2.5	2.5	2.1	2.1	2.1	2.1
75°	2.1	2.1	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
77.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
80°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
82.5°	0.8	0.8	0.8	0.8	0.8	1.3	1.3	1.3	1.3	1.3	1.3
85°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.3	1.3
87.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
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: P175557

CATALOG NUMBER: LDA6A15935D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
0°	201.1	201.1	201.1	201.1	201.1	201.1	201.1	201.1
2.5°	205.8	204.9	199.9	198.2	180.8	166.1	160.1	156.3
5°	210.8	207.5	200.3	196.9	164.4	141.1	130.6	125.9
7.5°	213.8	207.9	198.2	193.1	148.3	120.4	107.3	102.7
10°	213.4	205.8	194.4	187.2	133.5	103.5	90.4	85.8
12.5°	213.0	203.2	190.1	181.3	121.3	91.3	77.7	73.5
15°	211.7	199.9	185.5	175.4	110.7	81.1	68.9	65.1
17.5°	208.3	195.6	179.6	168.6	101.8	73.5	63.0	59.2
20°	204.1	190.1	174.1	162.7	96.3	70.6	61.7	59.2
22.5°	200.7	186.3	170.3	159.3	98.0	79.4	79.0	80.7
25°	199.4	185.5	169.4	159.3	106.5	95.9	101.4	104.4
26°	198.6	185.1	169.4	159.3	109.0	100.1	105.2	108.6
27°	197.3	183.8	168.6	158.5	110.3	102.3	106.9	109.4
28°	195.2	181.7	166.5	157.2	110.3	102.3	106.1	108.2
29°	192.3	179.2	163.9	154.6	109.0	100.6	103.5	105.2
30°	188.0	174.9	160.1	150.8	106.1	98.0	99.7	101.0
31°	183.0	170.3	155.5	146.6	103.1	94.6	95.9	96.8
32°	177.5	164.8	150.4	142.0	99.3	90.8	91.7	92.1
33°	171.6	159.3	145.4	136.9	95.9	87.5	87.5	87.9
34°	165.6	153.4	140.7	131.8	92.5	84.5	83.7	84.1
35°	159.7	147.5	135.2	126.8	89.2	81.1	80.3	80.3
36°	153.0	141.1	129.3	121.3	85.8	78.6	76.9	76.9
37°	146.6	135.2	123.8	115.8	82.0	75.6	73.9	73.5
38°	139.9	128.9	117.9	110.3	78.6	72.7	71.0	70.6
39°	133.1	122.5	112.0	104.8	75.2	69.7	68.5	67.6
40°	125.9	115.8	106.1	98.9	71.8	66.3	65.5	64.6
42.5°	107.3	98.5	90.4	85.4	63.4	58.3	57.0	57.5
45°	89.2	82.4	76.1	72.7	54.9	50.3	49.0	49.0
47.5°	73.1	68.0	63.8	60.4	46.1	41.8	40.6	38.9
50°	59.2	55.4	52.0	49.9	38.0	33.8	31.3	29.6
51°	54.1	50.7	47.7	45.6	34.6	30.4	27.5	25.8
52°	49.0	46.1	43.5	41.8	31.3	27.0	24.1	22.4
53°	44.4	41.8	39.7	38.0	28.3	24.1	21.1	19.4
54°	40.1	37.6	35.9	34.2	25.4	21.1	17.7	16.5
55°	36.3	33.8	32.5	30.8	22.4	18.2	14.8	13.9
57.5°	27.0	25.4	24.5	23.2	16.5	11.8	8.9	7.6
60°	19.4	18.2	17.7	16.9	10.6	6.3	4.6	3.8
61°	16.9	16.1	15.2	14.4	8.5	5.1	3.8	3.4
62°	14.4	13.5	12.7	12.3	6.8	4.2	3.4	3.0
63°	11.8	11.4	10.6	10.1	5.5	3.4	3.0	2.5
64°	9.7	9.3	8.5	8.0	4.6	3.0	2.5	2.1
65°	8.0	7.6	6.8	6.3	3.8	2.5	2.1	1.7
66°	6.3	5.9	5.5	5.1	3.4	2.5	1.7	1.7



TEST NUMBER: P175557

CATALOG NUMBER: LDA6A15935D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
72.5°	2.1	2.1	1.7	1.7	1.7	1.7	1.7	1.3
75°	1.7	1.7	1.7	1.7	1.7	1.7	1.3	1.3
77.5°	1.3	1.3	1.3	1.3	1.7	1.3	1.3	1.3
80°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.8
82.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.8
85°	1.3	1.3	1.3	1.3	1.3	1.3	0.8	0.8
87.5°	0.8	1.3	1.3	1.3	1.3	0.8	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°	30.4	31.3	31.7	31.7	31.3	29.6	30.0	29.2	28.3	27.5	26.6
70°	15.2	15.6	16.1	16.1	15.6	14.8	15.2	14.8	14.4	13.9	13.1





67.5°	25.8	24.9	23.7	22.4	20.7	20.3	18.2	16.5	15.2	13.1	12.3
70°	12.7	12.3	11.4	10.6	10.1	9.7	8.5	8.0	7.2	6.3	5.9





67.5°	11.0	9.7	8.9	8.5	7.6	7.2	6.8	5.9	5.5	5.5	5.1
70°	5.5	5.1	4.6	4.6	4.2	3.8	3.8	3.4	3.4	3.4	3.0





67.5°	4.6	4.6	4.2	3.8	2.5	2.1	1.7	1.7
70°	3.0	3.0	2.5	2.5	2.1	1.7	1.7	1.3



(END OF REPORT)