

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: P175539

Luminaire Tested: **LDA6A20927D010TE LAR35FL 6LLWW1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P175539
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: LDA6A20927D010TE 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: 908.1 lumens
Efficiency: N/A
Efficacy: 31.2 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

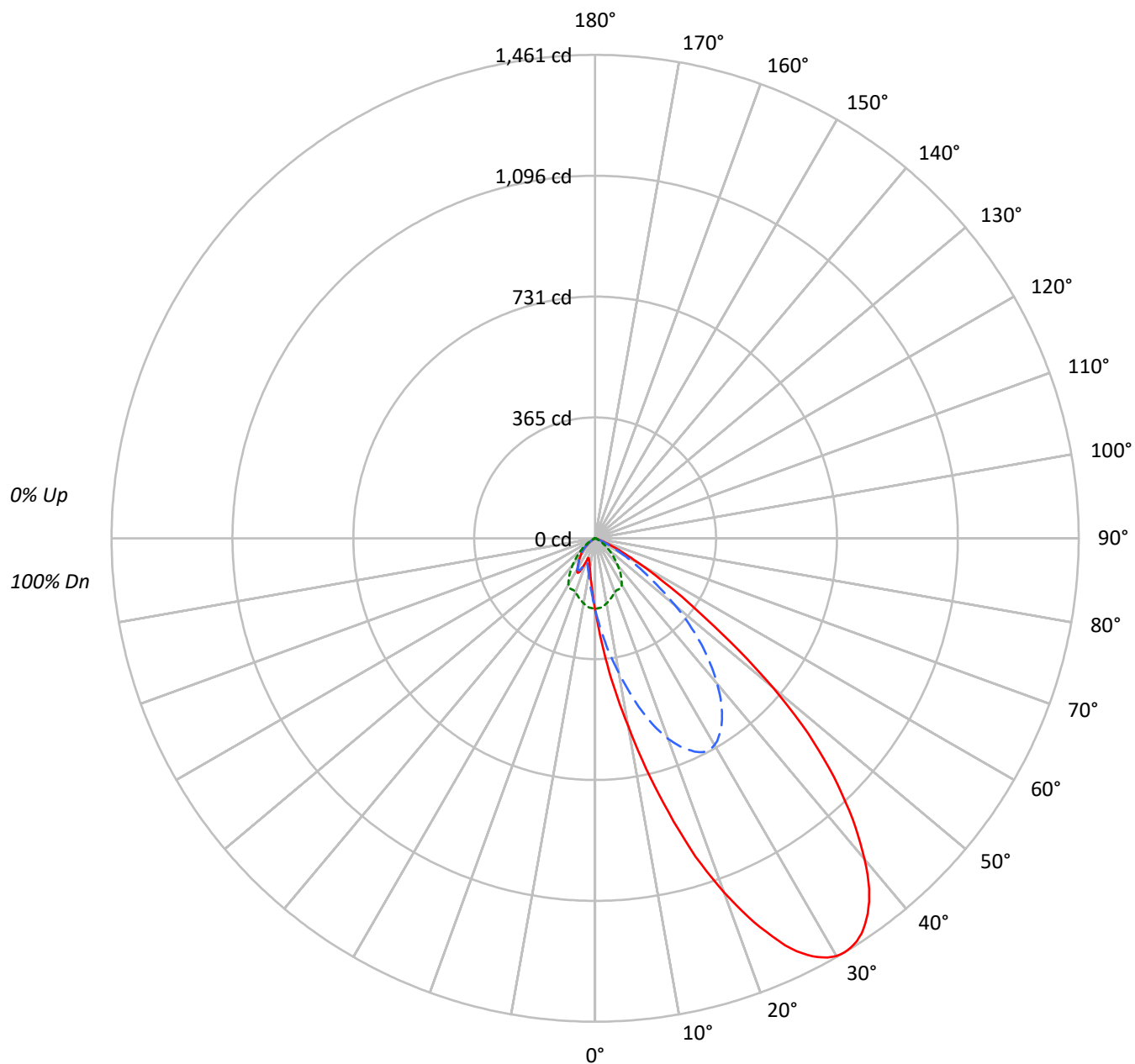
Input Watts (W): 29.12
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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	95	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°	11759	11759	11759
5°	20014	11556	7390
10°	32136	11111	5093
15°	48695	10613	3939
20°	66488	10122	3681
25°	82075	10277	6732
30°	92280	10185	6818
35°	95211	9048	5729
40°	90656	7550	4931
45°	79101	6008	4055
50°	59648	4537	2686
55°	34455	3144	1424
60°	17838	1974	450
65°	7718	882	233
70°	2597	433	224
75°	868	381	297
80°	568	442	284
85°	314	881	566



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.0	2.5
10°-20°	92.6	10.2
20°-30°	197.3	21.7
30°-40°	256.1	28.2
40°-50°	214.8	23.7
50°-60°	99.1	10.9
60°-70°	21.4	2.4
70°-80°	2.8	0.3
80°-90°	1.0	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°	312.9	34.5
0°-40°	569.1	62.7
0°-60°	882.9	97.2
0°-90°	908.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	908.1	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	214	214	214	214	214	
5°	364	304	210	150	134	41
15°	858	538	187	86	69	252
25°	1357	712	170	102	111	623
35°	1423	668	135	86	86	879
45°	1020	454	78	54	52	774
55°	360	186	33	19	15	343
65°	60	34	7	3	2	68
75°	4	3	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°	214.5	214.5	214.5	214.5	214.5	214.5	214.5	214.5	214.5	214.5	214.5
2.5°	277.6	273.5	277.1	277.1	274.9	273.1	276.2	272.2	274.4	270.4	270.4
5°	363.7	353.3	358.3	357.8	353.8	354.7	353.3	347.4	348.8	342.5	340.7
7.5°	464.6	453.8	459.2	457.9	452.0	451.5	449.3	439.8	439.8	430.4	425.4
10°	577.3	569.2	575.5	572.8	565.6	562.4	558.8	545.7	543.0	528.6	520.5
12.5°	713.4	709.3	702.6	698.1	694.9	689.9	683.6	666.5	660.2	640.8	628.2
15°	858.0	856.2	848.6	849.5	837.3	822.9	826.5	798.1	787.3	762.0	744.9
17.5°	1008.1	1002.7	995.5	985.6	979.3	962.1	954.5	927.9	912.1	880.6	859.4
20°	1139.7	1137.4	1131.1	1118.5	1109.0	1089.7	1077.5	1046.9	1024.8	987.8	962.1
22.5°	1256.9	1253.2	1247.4	1232.1	1220.8	1197.8	1182.5	1147.3	1120.3	1078.4	1047.3
25°	1356.9	1350.1	1345.2	1326.7	1314.5	1287.5	1269.5	1230.3	1198.3	1151.9	1115.8
26°	1388.0	1382.1	1377.6	1358.2	1345.2	1316.8	1297.9	1256.9	1222.6	1175.3	1137.0
27°	1413.7	1408.7	1405.1	1384.8	1370.9	1341.6	1320.8	1279.4	1242.9	1194.2	1154.6
28°	1434.0	1429.4	1425.8	1404.7	1390.2	1360.1	1338.0	1295.6	1257.3	1207.3	1166.7
29°	1448.8	1444.3	1441.6	1419.1	1404.7	1373.6	1350.6	1306.9	1267.2	1216.3	1174.4
30°	1457.8	1453.3	1450.6	1427.2	1412.8	1381.2	1356.4	1312.7	1271.3	1219.9	1177.1
31°	1461.0	1456.0	1454.2	1430.4	1415.0	1382.6	1357.8	1312.7	1270.4	1218.5	1174.8
32°	1458.3	1453.8	1452.4	1428.1	1412.3	1379.4	1354.2	1308.7	1265.4	1213.1	1168.5
33°	1452.0	1447.5	1446.6	1421.8	1406.0	1372.2	1347.4	1301.0	1256.9	1204.1	1159.5
34°	1440.3	1435.8	1435.8	1410.5	1394.3	1360.5	1335.7	1289.3	1243.8	1191.5	1146.4
35°	1422.7	1420.9	1419.1	1393.4	1377.2	1343.4	1318.6	1271.7	1226.2	1174.4	1128.4
36°	1401.1	1399.7	1397.9	1372.2	1355.5	1321.7	1297.9	1251.0	1205.0	1153.7	1108.1
37°	1375.4	1374.5	1373.1	1347.4	1330.8	1297.4	1273.1	1227.1	1181.1	1130.2	1084.7
38°	1344.3	1344.3	1342.9	1317.2	1300.6	1267.7	1244.2	1198.3	1152.8	1102.7	1058.1
39°	1307.3	1308.2	1307.3	1281.6	1265.0	1232.5	1210.0	1165.4	1119.9	1071.2	1031.1
40°	1266.8	1268.1	1267.7	1242.4	1225.8	1194.2	1172.6	1128.9	1088.3	1036.5	997.7
42.5°	1151.9	1154.1	1154.6	1130.7	1114.9	1085.6	1066.2	1026.1	983.8	940.5	905.3
45°	1020.3	1024.3	1025.2	1003.6	989.2	962.6	946.4	910.3	878.8	834.1	803.5
47.5°	872.9	878.8	881.0	861.2	847.2	824.2	812.1	781.4	753.9	713.8	688.1
50°	699.4	706.2	700.8	692.6	680.9	662.9	655.7	630.9	601.6	575.9	557.9
51°	624.1	631.4	635.4	619.6	609.7	593.5	588.1	566.9	540.8	518.7	503.4
52°	550.2	557.9	562.0	548.0	539.4	525.9	522.7	504.3	481.3	462.8	450.2
53°	480.8	488.0	483.5	480.4	472.7	461.5	459.7	444.3	424.5	409.2	399.3
54°	417.3	423.6	428.1	417.7	411.0	401.5	401.1	388.5	371.8	358.7	351.5
55°	360.5	366.4	370.4	361.9	356.0	347.9	347.9	337.5	323.6	312.7	307.3
57.5°	246.5	250.6	254.2	247.9	243.8	238.8	239.7	233.4	224.0	217.2	214.1
60°	162.7	165.8	168.1	164.0	161.8	158.6	159.5	155.5	152.3	145.1	143.8
61°	135.6	138.8	141.1	137.4	138.3	132.5	133.8	130.2	127.5	124.4	120.8
62°	112.2	114.9	116.7	113.6	114.5	109.5	110.9	108.2	105.9	102.7	100.0
63°	91.5	93.7	95.5	95.1	93.7	89.7	90.6	88.3	86.5	84.3	82.0
64°	74.4	76.2	77.5	77.5	76.2	72.6	73.5	71.2	70.3	68.0	66.2
65°	59.5	60.8	61.7	61.7	60.8	58.1	58.6	57.2	55.9	54.5	53.2
66°	46.9	48.2	49.1	49.1	48.2	46.0	46.4	45.1	44.2	42.8	41.9



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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°	7.7	8.1	8.1	8.1	8.1	7.7	7.7	7.7	7.2	7.2	6.8
75°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	3.6	3.6	3.6	3.6
77.5°	2.7	2.7	2.7	2.7	2.7	2.3	2.3	2.3	2.3	2.3	2.3
80°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.4	1.4	1.4	1.4
82.5°	0.9	1.4	1.4	1.4	1.4	0.9	0.9	0.9	1.4	0.9	0.9
85°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	214.5	214.5	214.5	214.5	214.5	214.5	214.5	214.5	214.5	214.5	214.5
2.5°	269.0	266.8	266.3	263.2	258.2	260.9	255.1	255.1	252.8	251.9	247.9
5°	336.6	332.1	329.4	323.1	318.2	316.4	306.9	304.2	298.8	294.7	287.5
7.5°	418.7	410.1	403.8	393.9	384.4	379.9	365.5	358.7	349.7	341.6	330.3
10°	509.2	496.2	485.8	470.9	456.5	447.5	427.7	413.2	402.0	388.9	373.1
12.5°	611.5	593.1	577.3	556.1	535.8	521.8	495.3	474.5	457.9	439.4	418.2
15°	721.0	696.2	674.6	646.2	615.6	598.9	565.6	538.1	515.5	490.8	462.8
17.5°	827.4	795.8	767.0	731.8	695.3	667.4	630.9	596.2	566.9	534.5	502.5
20°	922.5	884.2	848.6	806.7	764.7	730.0	686.8	645.3	609.7	572.3	534.5
22.5°	1001.8	957.2	915.3	867.9	820.2	780.1	730.5	683.6	642.6	600.7	557.4
25°	1064.4	1014.9	968.0	915.3	863.0	818.4	763.4	711.6	666.5	620.5	573.7
26°	1084.3	1032.4	983.8	927.4	875.6	829.2	772.9	719.2	672.8	625.9	577.7
27°	1099.6	1045.9	995.5	938.7	885.1	837.3	779.2	724.6	676.4	628.7	579.5
28°	1109.9	1055.0	1002.7	945.0	890.5	841.4	782.3	726.4	677.3	629.1	579.1
29°	1116.7	1059.9	1006.3	948.6	892.7	842.3	782.3	725.5	676.0	626.8	576.4
30°	1118.1	1060.4	1005.8	947.3	890.5	839.6	778.7	721.5	671.0	621.9	571.0
31°	1115.8	1056.3	1000.9	942.8	885.5	833.2	772.4	715.2	665.2	615.1	563.8
32°	1109.0	1049.1	993.2	934.6	877.0	824.7	763.8	705.7	655.7	606.1	554.7
33°	1100.0	1038.7	982.4	923.8	866.6	813.9	753.0	695.3	645.3	595.3	544.4
34°	1087.4	1025.7	968.9	911.2	853.5	800.8	740.0	682.7	632.7	583.1	532.7
35°	1070.3	1008.1	951.8	895.0	837.3	785.0	724.6	667.9	618.7	569.6	519.6
36°	1050.5	989.2	932.4	876.1	818.8	767.0	708.0	651.6	603.0	554.3	505.2
37°	1028.4	967.1	911.2	855.8	799.4	748.1	689.9	634.5	586.7	538.5	490.3
38°	1002.7	941.9	886.9	832.8	777.4	726.9	670.1	615.6	568.7	521.4	474.1
39°	972.9	913.5	859.4	807.1	753.0	703.5	648.0	594.9	548.9	502.9	456.5
40°	940.9	883.3	830.5	779.6	726.9	678.7	624.6	573.2	528.6	483.5	438.5
42.5°	853.5	799.4	750.8	705.3	656.6	612.0	563.3	516.0	474.5	433.1	391.6
45°	757.5	708.4	664.7	624.6	580.4	540.8	497.1	454.3	416.8	379.0	342.0
47.5°	648.9	605.7	567.8	534.0	495.7	461.0	423.6	386.7	353.8	320.9	288.4
50°	526.8	491.7	461.9	434.9	404.2	375.8	345.6	315.5	288.4	260.5	233.4
51°	476.8	445.2	418.2	395.2	366.8	341.6	314.6	287.1	262.3	237.0	211.8
52°	427.2	399.7	376.3	356.0	331.2	308.7	284.4	259.6	237.0	214.1	190.6
53°	379.9	356.0	335.7	318.6	297.0	277.1	255.5	233.9	213.2	192.4	171.2
54°	335.3	315.0	297.9	283.5	264.5	247.0	228.5	209.1	190.6	171.2	151.9
55°	293.8	276.7	262.3	250.1	233.9	218.6	202.8	185.7	169.0	151.4	136.5
57.5°	205.9	194.7	185.2	177.6	166.7	159.1	145.6	133.8	123.5	108.2	96.9
60°	138.8	131.1	125.3	120.8	113.6	109.5	100.0	91.5	84.7	73.5	65.3
61°	116.7	110.4	105.5	101.8	96.0	92.4	84.3	77.5	71.2	61.7	54.5
62°	96.9	91.5	89.7	84.7	79.8	77.1	70.3	64.4	59.5	50.9	45.1
63°	79.3	74.8	73.5	69.4	65.3	63.5	57.7	53.2	48.7	41.5	37.0
64°	64.0	60.4	59.5	56.3	53.2	51.4	46.9	42.8	39.2	33.3	29.7
65°	50.9	49.6	47.3	45.1	42.4	41.0	37.4	34.2	31.1	26.6	23.9
66°	40.1	39.2	37.0	35.2	32.9	32.0	28.8	26.6	24.3	20.7	18.9



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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°	6.3	6.3	5.9	5.9	5.0	5.0	4.5	4.1	4.1	3.6	3.6
75°	3.2	3.2	3.2	3.2	2.7	2.7	2.7	2.7	2.3	2.3	2.3
77.5°	2.3	2.3	1.8	1.8	1.8	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	1.4	1.4	1.4	1.4
82.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
85°	0.5	0.5	0.5	0.5	0.5	0.9	0.9	0.9	0.9	0.9	0.9
87.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.9	0.9	0.9
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°	214.5	214.5	214.5	214.5	214.5	214.5	214.5	214.5	214.5	214.5	214.5
2.5°	246.5	242.4	240.6	239.3	236.6	234.3	231.2	229.4	225.3	225.8	220.8
5°	283.0	275.8	271.3	266.3	260.9	256.0	249.7	245.2	238.4	236.1	228.5
7.5°	321.8	310.5	302.8	293.8	285.3	276.7	266.8	259.1	250.1	244.3	233.9
10°	360.1	346.1	332.1	319.1	306.4	294.3	280.8	270.4	257.8	249.2	236.6
12.5°	399.7	379.0	361.9	344.7	327.6	311.8	294.7	280.3	264.1	253.3	237.9
15°	438.9	412.8	391.2	369.1	347.9	327.6	306.9	289.3	270.4	256.4	238.4
17.5°	473.2	442.1	415.5	388.0	363.7	339.8	315.0	294.7	273.1	256.9	237.0
20°	499.8	464.2	433.5	402.0	374.0	346.5	319.5	297.0	273.1	255.1	233.4
22.5°	518.2	479.5	445.2	411.0	379.9	350.6	320.9	297.0	271.7	252.4	230.7
25°	530.9	489.9	452.9	416.4	383.5	352.4	321.8	296.5	270.8	251.5	228.9
26°	533.6	491.7	454.3	416.8	383.5	352.0	320.9	295.6	269.9	250.6	228.0
27°	534.5	492.1	453.8	416.4	382.6	350.6	319.5	294.3	268.1	248.8	226.7
28°	533.1	490.8	452.0	414.1	380.3	347.9	316.8	291.6	265.4	246.5	224.0
29°	530.0	487.1	448.4	410.5	376.7	343.8	312.7	288.0	261.8	242.9	220.8
30°	524.6	481.7	443.0	404.7	370.9	338.4	307.3	282.6	256.9	237.9	215.9
31°	517.3	475.0	436.2	397.9	364.1	332.1	301.0	276.7	251.0	232.5	210.5
32°	508.3	467.3	427.7	389.8	356.0	324.5	293.8	269.5	244.3	225.8	204.1
33°	498.0	457.9	418.2	380.8	347.9	316.4	285.7	261.8	237.5	219.0	197.8
34°	486.7	447.5	407.8	371.3	338.4	307.3	277.6	254.2	229.8	211.8	191.5
35°	474.1	435.8	396.6	360.1	328.5	297.9	268.6	245.6	221.7	204.1	184.3
36°	460.6	423.2	384.4	350.2	317.7	287.5	259.6	236.6	213.2	196.0	176.7
37°	446.6	410.1	372.2	338.9	306.9	277.6	250.1	227.6	205.0	188.4	169.4
38°	431.3	396.1	358.7	326.7	295.2	266.8	239.7	218.1	196.5	180.3	161.8
39°	415.0	379.4	344.7	313.6	283.0	255.5	229.4	208.6	187.0	171.7	153.7
40°	398.4	363.7	330.3	300.1	270.4	244.3	218.6	198.3	178.0	162.7	145.6
42.5°	355.1	323.6	292.5	265.4	237.5	213.6	190.2	171.7	153.2	139.7	124.4
45°	309.1	281.2	252.8	228.5	203.2	181.6	160.9	144.2	127.5	116.3	103.2
47.5°	262.3	235.2	210.5	188.8	168.5	147.8	130.2	115.8	102.3	93.3	83.8
50°	209.1	189.3	167.6	149.6	130.7	115.4	100.5	90.1	80.2	74.4	67.1
51°	189.3	170.8	151.0	134.3	116.7	102.7	90.1	81.1	72.6	67.6	61.3
52°	172.6	153.2	134.7	119.4	105.0	91.5	80.7	73.0	65.8	61.3	55.4
53°	152.3	137.0	119.9	105.9	92.8	81.1	72.1	65.3	59.0	55.4	50.5
54°	135.2	121.2	105.5	92.8	82.0	72.1	64.0	58.6	53.2	49.6	45.5
55°	119.0	108.2	91.9	81.1	72.1	63.5	57.2	52.3	47.3	44.6	40.6
57.5°	83.4	73.9	64.0	57.7	51.8	46.4	41.9	38.3	35.2	33.3	30.2
60°	55.4	49.6	43.7	39.7	36.1	32.9	29.7	27.0	24.8	23.9	21.6
61°	46.4	41.9	37.0	34.2	31.1	27.9	25.2	23.4	21.6	20.7	18.9
62°	39.7	35.2	31.1	28.8	26.1	23.9	21.6	19.8	18.5	17.6	16.2
63°	32.4	29.3	26.1	24.3	22.1	19.8	18.5	16.7	15.8	14.9	13.5
64°	26.6	23.9	21.6	19.8	18.5	16.2	15.3	14.0	12.6	12.6	11.3
65°	21.6	19.4	17.6	16.2	14.9	13.5	12.6	11.3	10.4	9.9	9.0
66°	17.1	15.3	14.0	13.1	11.7	10.8	9.9	9.0	8.1	8.1	7.2



TEST NUMBER: P175539

CATALOG NUMBER: LDA6A20927D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
72.5°	3.2	3.2	3.2	2.7	2.7	2.7	2.7	2.3	2.3	2.3	2.3
75°	2.3	2.3	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
77.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
80°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
82.5°	0.9	0.9	0.9	0.9	0.9	1.4	1.4	1.4	1.4	1.4	1.4
85°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.4	1.4
87.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
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: P175539

CATALOG NUMBER: LDA6A20927D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
0°	214.5	214.5	214.5	214.5	214.5	214.5	214.5	214.5
2.5°	219.5	218.6	213.2	211.4	192.9	177.1	170.8	166.7
5°	224.9	221.3	213.6	210.0	175.3	150.5	139.2	134.3
7.5°	228.0	221.7	211.4	205.9	158.2	128.4	114.5	109.5
10°	227.6	219.5	207.3	199.6	142.4	110.4	96.4	91.5
12.5°	227.1	216.8	202.8	193.3	129.3	97.3	82.9	78.4
15°	225.8	213.2	197.8	187.0	118.1	86.5	73.5	69.4
17.5°	222.2	208.6	191.5	179.8	108.6	78.4	67.1	63.1
20°	217.7	202.8	185.7	173.5	102.7	75.3	65.8	63.1
22.5°	214.1	198.7	181.6	169.9	104.5	84.7	84.3	86.1
25°	212.7	197.8	180.7	169.9	113.6	102.3	108.2	111.3
26°	211.8	197.4	180.7	169.9	116.3	106.8	112.2	115.8
27°	210.5	196.0	179.8	169.0	117.6	109.1	114.0	116.7
28°	208.2	193.8	177.6	167.6	117.6	109.1	113.1	115.4
29°	205.0	191.1	174.9	164.9	116.3	107.3	110.4	112.2
30°	200.5	186.6	170.8	160.9	113.1	104.5	106.4	107.7
31°	195.1	181.6	165.8	156.4	110.0	100.9	102.3	103.2
32°	189.3	175.8	160.4	151.4	105.9	96.9	97.8	98.2
33°	183.0	169.9	155.0	146.0	102.3	93.3	93.3	93.7
34°	176.7	163.6	150.1	140.6	98.7	90.1	89.2	89.7
35°	170.3	157.3	144.2	135.2	95.1	86.5	85.6	85.6
36°	163.1	150.5	137.9	129.3	91.5	83.8	82.0	82.0
37°	156.4	144.2	132.0	123.5	87.4	80.7	78.9	78.4
38°	149.2	137.4	125.7	117.6	83.8	77.5	75.7	75.3
39°	142.0	130.7	119.4	111.8	80.2	74.4	73.0	72.1
40°	134.3	123.5	113.1	105.5	76.6	70.8	69.9	68.9
42.5°	114.5	105.0	96.4	91.0	67.6	62.2	60.8	61.3
45°	95.1	87.9	81.1	77.5	58.6	53.6	52.3	52.3
47.5°	78.0	72.6	68.0	64.4	49.1	44.6	43.3	41.5
50°	63.1	59.0	55.4	53.2	40.6	36.1	33.3	31.5
51°	57.7	54.1	50.9	48.7	37.0	32.4	29.3	27.5
52°	52.3	49.1	46.4	44.6	33.3	28.8	25.7	23.9
53°	47.3	44.6	42.4	40.6	30.2	25.7	22.5	20.7
54°	42.8	40.1	38.3	36.5	27.0	22.5	18.9	17.6
55°	38.8	36.1	34.7	32.9	23.9	19.4	15.8	14.9
57.5°	28.8	27.0	26.1	24.8	17.6	12.6	9.5	8.1
60°	20.7	19.4	18.9	18.0	11.3	6.8	5.0	4.1
61°	18.0	17.1	16.2	15.3	9.0	5.4	4.1	3.6
62°	15.3	14.4	13.5	13.1	7.2	4.5	3.6	3.2
63°	12.6	12.2	11.3	10.8	5.9	3.6	3.2	2.7
64°	10.4	9.9	9.0	8.6	5.0	3.2	2.7	2.3
65°	8.6	8.1	7.2	6.8	4.1	2.7	2.3	1.8
66°	6.8	6.3	5.9	5.4	3.6	2.7	1.8	1.8



TEST NUMBER: P175539

CATALOG NUMBER: LDA6A20927D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
72.5°	2.3	2.3	1.8	1.8	1.8	1.8	1.8	1.4
75°	1.8	1.8	1.8	1.8	1.8	1.8	1.4	1.4
77.5°	1.4	1.4	1.4	1.4	1.8	1.4	1.4	1.4
80°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	0.9
82.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	0.9
85°	1.4	1.4	1.4	1.4	1.4	1.4	0.9	0.9
87.5°	0.9	1.4	1.4	1.4	1.4	0.9	0.5	0.5
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°	32.4	33.3	33.8	33.8	33.3	31.5	32.0	31.1	30.2	29.3	28.4
70°	16.2	16.7	17.1	17.1	16.7	15.8	16.2	15.8	15.3	14.9	14.0





67.5°	27.5	26.6	25.2	23.9	22.1	21.6	19.4	17.6	16.2	14.0	13.1
70°	13.5	13.1	12.2	11.3	10.8	10.4	9.0	8.6	7.7	6.8	6.3





67.5°	11.7	10.4	9.5	9.0	8.1	7.7	7.2	6.3	5.9	5.9	5.4
70°	5.9	5.4	5.0	5.0	4.5	4.1	4.1	3.6	3.6	3.6	3.2





67.5°	5.0	5.0	4.5	4.1	2.7	2.3	1.8	1.8
70°	3.2	3.2	2.7	2.7	2.3	1.8	1.8	1.4



(END OF REPORT)