

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: P175579

Luminaire Tested: **LDA6A10927D010TE LAR35FL 6LAL1 30° Tilt**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P175579
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P26297)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: io LED
Catalog Number: LDA6A10927D010TE LAR35FL 6LAL1 30° Tilt
Description: PORTFOLIO 6" Lensed Adjustable, Self-flange Trim Ring, 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: 610.1 lumens
Efficiency: N/A
Efficacy: 44.1 lumens/watt
Spacing Criteria (0/90/45): 2.79 / 0.61 / 1.41
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

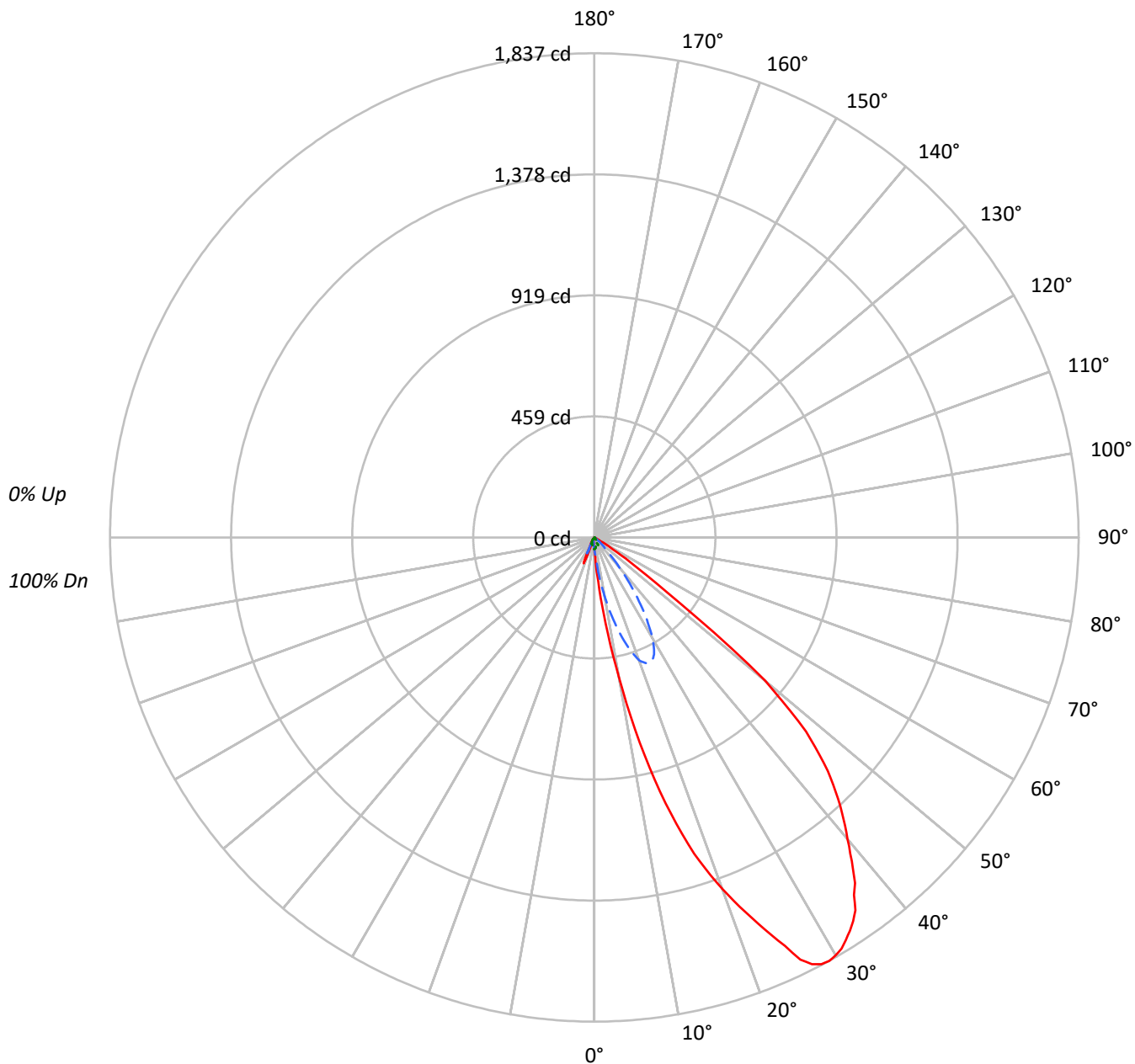
Input Watts (W): 13.84
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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				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						
1	112	109	106	103	110	107	104	101	103	100	98	99	97	95	95	94	93	91						
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	85	83	81						
3	98	90	84	79	96	88	83	78	86	81	77	83	79	75	81	77	74	72						
4	91	82	75	69	89	80	74	69	78	72	68	76	71	67	74	70	66	65						
5	85	74	67	61	83	73	66	61	71	65	60	69	64	60	68	63	59	58						
6	79	68	60	55	77	67	60	54	65	59	54	63	58	54	62	57	53	51						
7	73	62	54	49	72	61	54	49	59	53	48	58	52	48	57	52	48	46						
8	68	56	49	44	67	56	49	44	54	48	43	53	47	43	52	47	43	41						
9	64	52	44	39	62	51	44	39	50	44	39	49	43	39	48	43	39	37						
10	60	48	40	36	58	47	40	36	46	40	35	45	39	35	44	39	35	34						

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°
0°	2445	2445	2445
5°	9239	2295	1172
10°	30026	1937	763
15°	59308	1572	681
20°	82835	1313	1202
25°	103458	1821	3605
30°	115898	1057	1709
35°	115543	770	883
40°	106965	422	422
45°	97150	264	225
50°	72049	145	102
55°	17586	115	48
60°	3114	110	22
65°	571	156	26
70°	112	192	80
75°	0	254	106
80°	0	379	158
85°	0	755	314



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.5	1.4
10°-20°	68.8	11.3
20°-30°	167.0	27.4
30°-40°	197.2	32.3
40°-50°	139.9	22.9
50°-60°	25.4	4.2
60°-70°	1.6	0.3
70°-80°	0.8	0.1
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°	244.4	40.1
0°-40°	441.6	72.4
0°-60°	606.9	99.5
0°-90°	610.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	610.1	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	45	45	45	45	45	
5°	168	96	42	25	21	28
15°	1045	380	28	14	12	302
25°	1710	516	30	67	60	787
35°	1726	296	12	13	13	1064
45°	1253	56	3	4	3	941
55°	184	7	1	1	0	239
65°	4	1	1	1	0	7
75°	0	1	1	1	0	0
85°	0	1	1	1	0	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°	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
2.5°	74.7	73.0	73.0	73.8	74.0	72.5	72.5	70.6	69.6	69.8	67.9
5°	167.9	171.3	164.4	165.4	164.7	160.0	158.1	151.5	147.0	144.8	137.7
7.5°	327.9	322.8	312.5	313.0	310.3	302.7	296.3	284.8	275.0	267.9	254.9
10°	539.4	540.9	524.5	523.0	516.6	502.2	487.9	465.6	445.5	429.9	405.8
12.5°	798.2	783.3	777.4	773.2	762.9	743.1	721.0	690.1	659.5	633.3	596.3
15°	1045.0	1036.7	1027.8	1020.7	1007.7	982.7	955.0	916.3	876.4	841.8	795.0
17.5°	1258.2	1248.2	1237.6	1229.3	1206.5	1188.8	1151.6	1119.5	1073.9	1032.7	976.4
20°	1419.9	1414.6	1402.3	1390.8	1366.5	1343.5	1304.8	1268.2	1217.8	1165.6	1111.6
22.5°	1563.1	1555.0	1539.5	1522.1	1491.8	1461.4	1416.8	1376.1	1320.9	1265.3	1207.2
25°	1710.4	1706.7	1683.2	1655.2	1612.3	1569.4	1513.8	1463.6	1401.3	1342.7	1275.1
26°	1781.7	1765.0	1741.0	1708.4	1657.9	1606.0	1545.7	1490.5	1424.1	1359.9	1292.3
27°	1817.2	1804.2	1783.1	1750.1	1697.4	1636.1	1569.7	1510.4	1440.0	1373.6	1303.5
28°	1833.6	1822.6	1805.2	1774.6	1723.3	1654.5	1584.6	1521.9	1448.6	1380.0	1307.7
29°	1837.3	1828.7	1813.5	1785.4	1737.3	1667.0	1592.5	1527.0	1452.3	1382.2	1308.7
30°	1830.9	1826.0	1814.3	1787.3	1741.0	1670.7	1593.9	1527.0	1451.3	1380.0	1304.8
31°	1820.4	1817.5	1807.7	1782.4	1737.3	1666.0	1588.3	1521.2	1444.9	1372.9	1295.9
32°	1800.5	1803.2	1795.2	1770.4	1725.8	1654.0	1577.3	1510.9	1434.4	1361.6	1282.5
33°	1779.5	1786.1	1778.7	1752.0	1705.9	1634.6	1560.9	1496.2	1419.5	1345.9	1264.8
34°	1756.4	1764.0	1754.7	1724.6	1677.0	1608.2	1538.6	1475.8	1399.6	1325.8	1241.8
35°	1726.5	1732.9	1720.7	1688.8	1640.3	1575.1	1510.9	1449.6	1374.4	1299.4	1213.4
36°	1676.3	1691.7	1679.0	1646.1	1598.6	1539.1	1479.5	1419.9	1345.4	1270.2	1182.2
37°	1642.5	1645.4	1632.9	1599.6	1555.7	1502.8	1446.4	1388.3	1314.8	1237.6	1148.2
38°	1593.7	1594.9	1582.4	1551.3	1513.3	1464.8	1410.9	1354.3	1280.7	1202.3	1110.2
39°	1542.7	1542.5	1531.2	1504.5	1470.7	1424.4	1372.2	1316.5	1242.0	1161.6	1065.8
40°	1494.7	1494.0	1484.2	1459.6	1426.8	1382.0	1330.7	1274.9	1198.9	1116.5	1016.8
42.5°	1381.0	1376.1	1366.3	1342.3	1310.9	1266.5	1213.1	1152.8	1072.2	979.3	866.6
45°	1253.1	1242.5	1232.2	1204.5	1169.2	1121.7	1061.7	993.3	903.1	801.4	684.2
47.5°	1089.3	1075.1	1065.1	1033.5	993.3	939.9	871.2	796.7	701.6	592.6	473.0
50°	844.8	813.1	802.6	752.9	698.7	629.6	543.3	457.1	361.2	272.0	190.4
51°	671.0	635.7	625.4	574.4	522.0	458.3	379.9	306.8	232.3	171.6	127.4
52°	490.4	457.5	448.2	402.2	358.1	306.8	248.5	200.5	158.6	128.2	102.9
53°	338.4	317.1	308.8	277.9	248.7	215.9	180.6	151.5	124.5	102.9	84.1
54°	249.7	235.3	228.7	206.4	185.3	162.2	138.0	118.1	99.5	83.6	67.9
55°	184.0	173.3	168.6	153.2	139.4	123.8	107.6	93.4	78.9	65.7	51.5
57.5°	83.3	77.9	76.0	69.4	64.0	59.3	48.3	40.4	32.8	26.5	20.6
60°	28.4	26.2	25.5	23.0	21.6	20.1	16.9	14.5	12.5	10.8	9.1
61°	18.1	16.9	16.4	15.2	14.5	13.7	11.8	10.3	9.1	8.1	6.9
62°	12.3	11.5	11.3	10.5	10.0	9.8	8.6	7.6	6.6	5.9	5.1
63°	8.6	8.1	8.1	7.6	7.4	7.1	6.1	5.6	4.9	4.4	3.9
64°	6.1	5.9	5.6	5.4	5.1	5.1	4.4	4.2	3.7	3.4	2.9
65°	4.4	4.2	4.2	3.9	3.9	3.7	3.4	2.9	2.7	2.5	2.2
66°	3.2	2.9	2.9	2.9	2.7	2.7	2.5	2.2	2.0	2.0	1.7



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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°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
75°	0.0	0.0	0.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
77.5°	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2
80°	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2
82.5°	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.2	0.2	0.2
85°	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.2	0.2	0.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.2	0.2	0.2
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°	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
2.5°	68.4	66.7	66.2	65.7	64.9	64.2	62.0	61.5	61.0	59.1	58.6
5°	135.8	128.9	124.5	119.8	114.9	109.3	100.2	96.1	91.7	84.1	80.4
7.5°	247.3	233.3	222.0	210.5	199.0	185.5	167.9	157.3	146.1	131.1	121.1
10°	387.7	362.0	339.9	318.6	298.0	274.5	251.4	228.4	208.8	185.5	166.6
12.5°	564.4	522.5	486.2	450.4	415.2	377.4	340.7	304.9	270.1	239.2	210.0
15°	753.1	698.9	648.2	597.2	543.8	487.2	431.8	380.1	330.8	287.7	248.3
17.5°	914.1	852.6	787.7	724.2	656.1	580.1	512.2	445.5	382.3	326.7	276.0
20°	1044.5	974.4	897.5	822.0	738.6	657.3	575.9	496.5	416.4	348.5	287.2
22.5°	1137.9	1063.4	979.3	893.5	798.4	704.6	610.2	516.9	426.7	349.7	281.6
25°	1200.6	1119.5	1028.3	933.2	827.1	723.7	617.8	515.6	417.1	335.0	262.7
26°	1215.6	1132.5	1038.9	940.1	831.3	725.2	614.2	508.8	408.0	324.2	251.2
27°	1225.1	1139.6	1043.5	941.8	831.0	726.9	605.8	498.0	395.3	311.0	238.0
28°	1228.5	1141.3	1043.3	938.4	825.4	710.0	592.8	482.5	381.3	295.1	222.8
29°	1228.1	1139.1	1038.4	930.0	814.9	695.8	574.9	463.4	362.2	277.2	206.4
30°	1223.2	1131.7	1028.3	916.1	798.9	675.9	551.9	440.4	341.1	257.6	188.5
31°	1213.1	1119.2	1012.1	895.5	776.9	650.7	524.9	414.4	317.9	236.5	170.1
32°	1197.9	1101.4	990.3	870.0	749.9	621.3	494.6	382.6	293.1	214.9	154.2
33°	1178.3	1078.6	964.1	840.1	719.5	587.4	461.0	360.3	267.9	193.1	133.3
34°	1153.3	1050.9	932.3	805.6	684.2	549.9	426.2	326.2	242.4	171.1	117.6
35°	1123.4	1017.5	896.0	767.3	645.0	509.3	394.6	295.8	216.4	149.0	100.0
36°	1089.8	980.5	855.3	726.1	602.1	467.8	358.5	265.4	190.7	127.4	84.3
37°	1053.1	939.9	812.2	681.1	556.1	425.0	322.5	235.5	165.4	106.9	71.8
38°	1011.7	894.3	764.4	631.3	506.8	382.3	287.0	205.6	140.2	88.5	62.7
39°	963.6	842.3	712.4	576.4	456.3	339.4	251.9	176.2	116.4	73.8	55.9
40°	910.2	787.2	655.6	518.3	405.3	297.8	217.6	147.8	95.1	63.7	50.0
42.5°	753.4	625.7	493.6	381.1	286.7	202.4	139.4	88.5	61.5	47.3	36.8
45°	568.1	448.5	340.9	256.6	186.5	121.3	79.4	56.4	43.6	32.8	25.7
47.5°	371.8	279.4	198.8	138.0	93.4	62.2	48.5	36.8	28.4	21.8	17.4
50°	140.2	103.4	80.4	64.2	50.7	38.5	30.4	23.3	17.9	13.7	11.0
51°	103.7	83.6	65.9	52.7	41.9	31.9	24.8	18.4	14.2	11.0	9.1
52°	85.0	68.6	54.2	43.1	34.1	24.8	19.1	14.5	11.5	9.1	7.4
53°	69.6	55.9	43.6	34.1	26.0	18.9	14.7	11.5	9.3	7.4	6.1
54°	55.4	43.4	32.6	25.0	19.4	14.2	11.5	9.1	7.4	6.1	5.1
55°	41.2	31.4	23.3	18.4	14.5	11.0	9.1	7.4	6.1	4.9	4.2
57.5°	16.9	13.5	11.0	9.1	7.6	6.1	5.1	4.4	3.7	2.9	2.5
60°	7.8	6.6	5.9	4.9	4.2	3.4	2.9	2.7	2.2	2.0	1.7
61°	6.1	5.1	4.4	3.9	3.4	2.7	2.5	2.2	2.0	1.7	1.5
62°	4.7	3.9	3.4	2.9	2.7	2.2	2.0	1.7	1.5	1.5	1.2
63°	3.4	2.9	2.7	2.5	2.2	2.0	1.7	1.5	1.5	1.2	1.2
64°	2.7	2.5	2.2	2.0	1.7	1.5	1.5	1.2	1.2	1.0	1.0
65°	2.0	2.0	1.7	1.5	1.5	1.2	1.2	1.2	1.0	1.0	1.0
66°	1.7	1.5	1.2	1.2	1.2	1.0	1.0	1.0	1.0	1.0	1.0



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CATALOG NUMBER: LDA6A10927D010TE LAR35FL 6LAL1 30° Tilt

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
72.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.7	0.7	0.7	0.7	0.7
75°	0.5	0.5	0.5	0.5	0.5	0.5	0.7	0.7	0.7	0.7	0.7
77.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.7	0.7	0.7	0.7	0.7
80°	0.5	0.5	0.5	0.5	0.5	0.5	0.7	0.7	0.7	0.7	0.7
82.5°	0.5	0.5	0.5	0.5	0.5	0.7	0.7	0.7	0.7	0.7	0.7
85°	0.5	0.5	0.5	0.5	0.5	0.7	0.7	0.7	0.7	0.7	0.7
87.5°	0.5	0.5	0.5	0.5	0.5	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



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CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
2.5°	57.3	57.1	55.4	54.7	53.7	52.4	51.5	50.7	49.5	48.5	47.5
5°	75.2	72.5	68.1	65.2	62.5	59.8	57.6	55.6	53.4	51.5	49.5
7.5°	108.6	99.5	88.5	80.1	73.3	67.1	62.7	59.1	55.6	52.7	49.3
10°	145.8	129.2	112.2	96.3	83.8	73.3	65.9	60.3	55.6	51.7	47.3
12.5°	180.1	155.6	130.9	109.5	91.2	76.7	66.7	59.6	54.2	49.3	44.1
15°	209.3	176.5	145.1	117.6	94.8	77.0	65.4	57.6	51.5	45.6	40.4
17.5°	227.7	186.0	149.0	117.4	92.4	73.0	61.5	53.9	47.1	41.2	36.3
20°	231.6	183.8	143.4	108.8	83.8	65.7	56.1	48.3	41.4	36.3	32.1
22.5°	221.8	171.3	128.4	94.1	71.8	58.1	50.0	42.4	36.8	32.6	29.2
25°	200.7	149.5	107.8	77.2	61.5	51.2	43.9	37.7	33.6	30.9	28.9
26°	189.7	138.7	98.5	71.1	58.1	48.8	41.9	36.5	33.1	31.1	29.7
27°	176.9	127.2	89.2	65.7	54.9	45.6	39.5	34.6	31.4	29.7	28.7
28°	163.0	114.9	80.4	60.8	51.0	41.7	36.0	31.4	28.2	26.2	24.5
29°	148.3	102.7	72.3	56.4	47.1	38.2	32.8	28.4	25.2	23.3	21.6
30°	132.8	90.9	65.4	52.4	43.1	35.0	30.1	26.0	23.0	21.1	19.4
31°	117.9	80.1	60.5	48.3	39.7	32.3	27.9	24.5	21.6	19.6	18.4
32°	102.9	71.1	55.9	44.4	36.5	30.4	26.0	23.0	20.6	18.9	17.9
33°	89.5	63.5	51.7	40.7	33.8	28.4	24.8	22.1	19.9	18.4	17.4
34°	77.4	58.3	47.1	37.0	31.1	26.2	22.8	20.3	18.1	16.9	15.7
35°	67.6	52.9	42.4	33.3	27.9	23.5	20.6	18.1	16.2	14.9	13.7
36°	60.0	47.5	37.7	29.7	25.0	21.3	18.4	16.2	14.5	13.2	12.3
37°	54.2	42.6	33.8	26.7	22.8	19.1	16.7	14.7	13.0	11.8	10.8
38°	48.8	38.0	30.4	24.3	20.6	17.4	14.9	13.5	11.8	10.5	9.6
39°	43.4	33.3	27.2	22.1	18.9	15.9	13.7	12.3	10.5	9.6	8.6
40°	38.5	29.9	24.5	19.9	17.2	14.2	12.5	11.0	9.6	8.6	7.6
42.5°	28.4	22.3	18.6	15.2	13.0	11.0	9.6	8.1	7.1	6.4	5.6
45°	20.3	16.2	13.5	11.0	9.3	7.8	6.6	5.9	5.1	4.7	4.2
47.5°	13.7	11.0	9.3	7.4	6.4	5.4	4.7	4.2	3.7	3.2	2.9
50°	8.8	7.1	6.1	4.9	4.2	3.7	3.2	2.7	2.5	2.2	2.2
51°	7.4	5.9	5.1	4.2	3.7	3.2	2.7	2.5	2.2	2.0	1.7
52°	6.1	4.9	4.2	3.4	2.9	2.7	2.2	2.0	1.7	1.7	1.7
53°	5.1	4.2	3.7	2.9	2.7	2.2	2.0	1.7	1.5	1.5	1.5
54°	4.2	3.4	2.9	2.5	2.2	2.0	1.7	1.5	1.5	1.2	1.2
55°	3.4	2.9	2.5	2.2	2.0	1.7	1.5	1.2	1.2	1.2	1.2
57.5°	2.2	2.0	1.7	1.5	1.2	1.2	1.0	1.0	1.0	1.0	1.0
60°	1.5	1.2	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
61°	1.2	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
62°	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
63°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
64°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
65°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
66°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P175579

CATALOG NUMBER: LDA6A10927D010TE LAR35FL 6LAL1 30° Tilt

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
72.5°	0.7	0.7	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
75°	0.7	0.7	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
77.5°	0.7	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
80°	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.2
82.5°	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.2
85°	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.2
87.5°	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
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: P175579

CATALOG NUMBER: LDA6A10927D010TE LAR35FL 6LAL1 30° Tilt

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
0°	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
2.5°	46.3	45.6	44.4	43.6	36.8	33.1	29.7	29.4
5°	47.3	45.3	43.4	41.7	30.4	25.2	21.8	21.3
7.5°	46.3	43.4	40.7	38.7	25.5	19.9	16.9	16.4
10°	43.6	40.4	37.3	34.8	21.8	16.9	14.2	13.7
12.5°	40.2	36.8	33.6	30.9	18.9	15.2	13.0	12.5
15°	36.3	32.8	30.1	27.7	17.4	14.0	12.5	12.0
17.5°	32.6	29.4	27.0	24.8	16.2	13.5	12.7	13.0
20°	28.9	26.5	24.3	22.5	16.7	15.9	18.4	20.6
22.5°	26.7	25.0	23.8	22.5	25.7	39.7	89.7	106.4
25°	27.9	27.7	28.4	30.1	52.7	66.7	58.8	59.6
26°	29.4	29.9	31.1	32.8	45.1	41.9	38.5	41.2
27°	28.4	28.7	28.4	28.2	29.7	29.4	30.9	33.6
28°	23.8	23.3	22.8	22.1	22.5	25.0	28.4	30.6
29°	20.6	20.1	19.4	18.6	19.6	24.3	27.4	28.9
30°	18.6	17.9	17.2	16.7	19.6	24.0	26.2	27.0
31°	17.4	16.9	16.4	16.4	19.9	22.8	24.0	24.3
32°	17.4	16.9	16.7	16.7	18.4	20.3	21.1	21.3
33°	16.9	16.4	15.7	15.4	16.2	17.6	18.4	18.4
34°	14.9	14.5	14.0	13.2	14.0	15.2	15.9	15.7
35°	13.0	12.5	12.0	11.5	12.0	13.2	13.5	13.2
36°	11.3	10.8	10.3	9.8	10.3	11.3	11.5	11.3
37°	10.0	9.6	9.1	8.6	8.6	9.8	10.0	9.6
38°	9.1	8.3	7.8	7.6	7.6	8.6	8.6	8.1
39°	8.1	7.6	7.1	6.6	6.6	7.4	7.4	6.9
40°	7.1	6.6	6.1	5.9	5.9	6.4	6.4	5.9
42.5°	5.1	4.9	4.7	4.4	4.4	4.9	4.7	4.2
45°	3.9	3.7	3.4	3.4	3.4	3.7	3.2	2.9
47.5°	2.7	2.7	2.5	2.5	2.5	2.7	2.5	2.2
50°	2.0	2.0	1.7	1.7	2.0	2.0	1.7	1.2
51°	1.7	1.7	1.7	1.5	1.7	1.7	1.5	1.2
52°	1.5	1.5	1.5	1.5	1.5	1.5	1.2	1.0
53°	1.2	1.2	1.2	1.2	1.2	1.2	1.0	0.7
54°	1.2	1.2	1.2	1.2	1.2	1.2	0.7	0.7
55°	1.2	1.2	1.2	1.2	1.2	1.0	0.7	0.5
57.5°	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.5
60°	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.2
61°	1.0	1.0	1.0	1.0	1.2	1.0	0.5	0.2
62°	1.0	1.0	1.0	1.0	1.2	1.0	0.5	0.2
63°	1.0	1.0	1.0	1.0	1.2	1.0	0.5	0.2
64°	1.0	1.0	1.0	1.2	1.2	1.0	0.5	0.2
65°	1.0	1.0	1.2	1.2	1.2	1.0	0.5	0.2
66°	1.0	1.2	1.2	1.2	1.2	1.0	0.5	0.2



TEST NUMBER: P175579

CATALOG NUMBER: LDA6A10927D010TE LAR35FL 6LAL1 30° Tilt

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
72.5°	1.0	1.2	1.2	1.2	1.2	1.0	0.7	0.5
75°	1.0	1.2	1.2	1.2	1.2	1.0	0.7	0.5
77.5°	1.2	1.2	1.2	1.2	1.2	1.0	0.7	0.5
80°	1.2	1.2	1.2	1.2	1.2	1.0	0.7	0.5
82.5°	1.2	1.2	1.2	1.2	1.2	1.0	0.7	0.5
85°	1.2	1.2	1.2	1.2	1.2	1.0	0.7	0.5
87.5°	1.2	1.2	1.2	1.2	1.2	1.0	0.5	0.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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— 0°-180° - - 45°-225° - - - 90°-270°







67.5°	2.0	1.7	1.7	1.7	1.7	1.5	1.5	1.5	1.2	1.2	1.0
70°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.5





67.5°	1.0	1.0	1.0	1.0	0.7	0.7	0.7	0.7	0.7	0.7	0.7
70°	0.5	0.5	0.5	0.5	0.5	0.5	0.7	0.7	0.7	0.7	0.7





67.5°	0.7	0.7	0.7	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0
70°	0.7	0.7	0.7	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0





67.5°	1.0	1.2	1.2	1.2	1.2	1.0	0.5	0.5
70°	1.0	1.0	1.2	1.2	1.2	1.0	0.7	0.5



(END OF REPORT)