

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: P175575

Luminaire Tested: **LDA6A10827D010TE LAR35FL 6LAL1 30° Tilt**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P175575
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: LDA6A10827D010TE 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 80CRI / 2700K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 759.6 lumens
Efficiency: N/A
Efficacy: 54.9 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

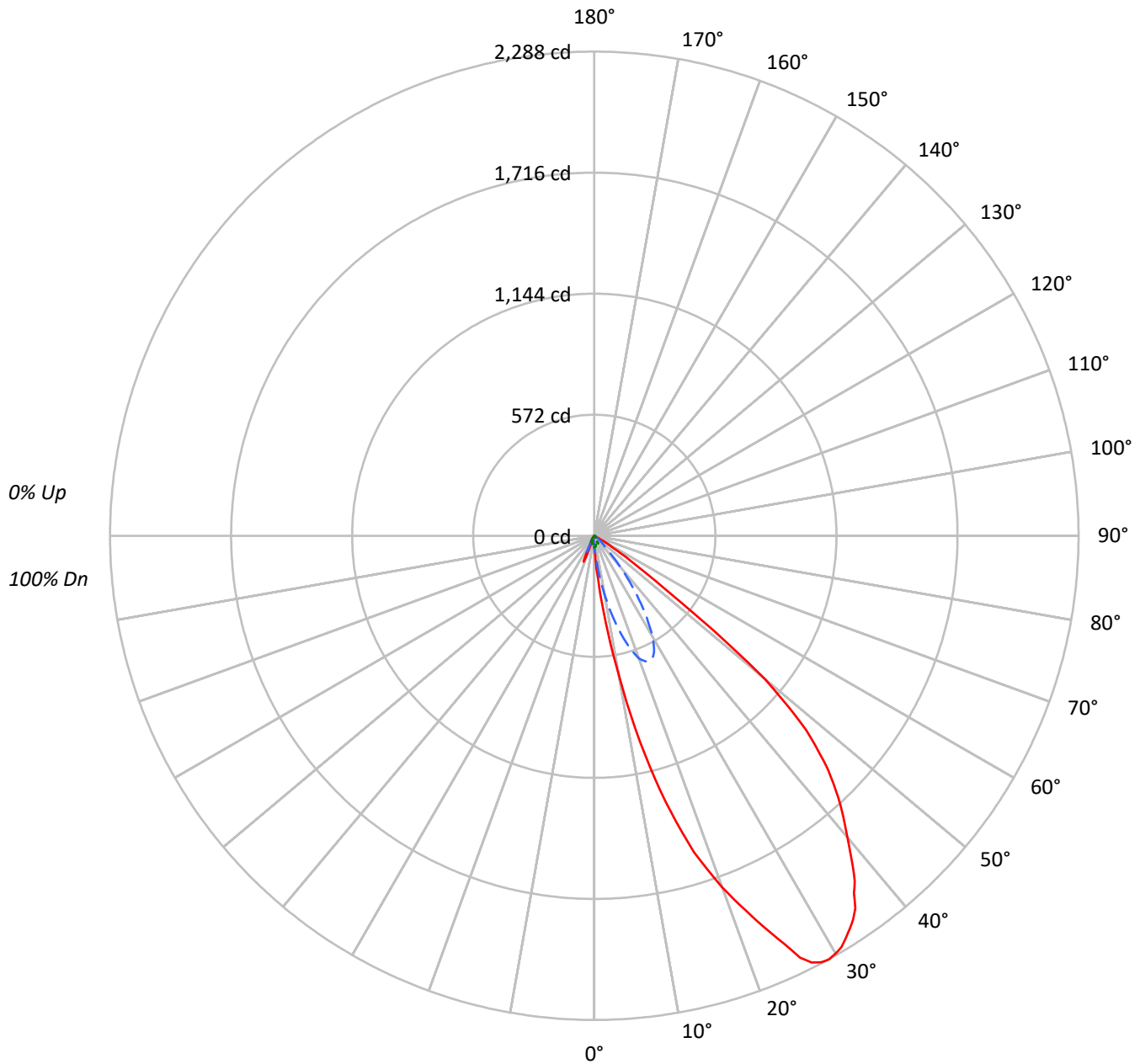
Input Watts (W): 13.84
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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
RW	70	50	30	10		70	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
1	112	109	106	103		110	107	104	101		103	100	98		99	97	95		95	94	93
2	105	99	94	90		103	97	93	89		94	90	87		91	88	85		88	85	83
3	98	90	84	79		96	88	83	78		86	81	77		83	79	75		81	77	74
4	91	82	75	69		89	80	74	69		78	72	68		76	71	67		74	70	66
5	85	74	67	61		83	73	66	61		71	65	60		69	64	60		68	63	59
6	79	68	60	55		77	67	60	54		65	59	54		63	58	54		62	57	53
7	73	62	54	49		72	61	54	49		59	53	48		58	52	48		57	52	48
8	68	56	49	44		67	56	49	44		54	48	43		53	47	43		52	47	43
9	64	52	44	39		62	51	44	39		50	44	39		49	43	39		48	43	39
10	60	48	40	36		58	47	40	36		46	40	35		45	39	35		44	39	35

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°
0°	3043	3043	3043
5°	11501	2856	1458
10°	37391	2410	952
15°	73848	1958	851
20°	103148	1639	1493
25°	128820	2268	4488
30°	144320	1317	2127
35°	143878	957	1104
40°	133192	522	522
45°	120966	333	287
50°	89711	179	128
55°	21906	143	57
60°	3881	132	33
65°	713	195	39
70°	144	240	96
75°	0	318	127
80°	0	474	189
85°	0	943	377



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.6	1.4
10°-20°	85.7	11.3
20°-30°	208.0	27.4
30°-40°	245.6	32.3
40°-50°	174.2	22.9
50°-60°	31.6	4.2
60°-70°	2.0	0.3
70°-80°	1.0	0.1
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°	304.3	40.1
0°-40°	549.9	72.4
0°-60°	755.7	99.5
0°-90°	759.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	759.6	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	56	56	56	56	56	
5°	209	120	52	31	26	35
15°	1301	473	34	17	15	376
25°	2130	642	38	83	74	980
35°	2150	368	14	16	16	1324
45°	1560	70	4	5	4	1171
55°	229	9	2	1	1	297
65°	6	2	2	1	0	9
75°	0	1	2	1	1	0
85°	0	1	2	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°	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
2.5°	93.1	90.9	90.9	91.9	92.2	90.3	90.3	87.9	86.7	87.0	84.5
5°	209.0	213.3	204.8	206.0	205.1	199.3	196.8	188.6	183.1	180.4	171.5
7.5°	408.3	401.9	389.1	389.7	386.3	376.9	368.9	354.6	342.4	333.5	317.4
10°	671.7	673.5	653.1	651.2	643.3	625.3	607.6	579.8	554.8	535.3	505.4
12.5°	993.9	975.3	968.0	962.8	950.0	925.3	897.8	859.3	821.2	788.5	742.5
15°	1301.2	1290.8	1279.9	1271.0	1254.8	1223.7	1189.2	1141.0	1091.3	1048.2	990.0
17.5°	1566.7	1554.2	1541.1	1530.7	1502.3	1480.4	1434.0	1394.0	1337.2	1286.0	1215.8
20°	1768.1	1761.4	1746.2	1731.8	1701.6	1672.9	1624.7	1579.2	1516.4	1451.4	1384.2
22.5°	1946.3	1936.3	1917.0	1895.4	1857.5	1819.7	1764.2	1713.5	1644.8	1575.6	1503.2
25°	2129.7	2125.2	2095.9	2061.1	2007.7	1954.3	1885.0	1822.4	1744.9	1672.0	1587.8
26°	2218.6	2197.8	2167.9	2127.3	2064.4	1999.7	1924.7	1856.0	1773.3	1693.4	1609.1
27°	2262.8	2246.6	2220.4	2179.2	2113.6	2037.3	1954.6	1880.7	1793.2	1710.5	1623.2
28°	2283.2	2269.5	2247.8	2209.7	2145.9	2060.2	1973.2	1895.1	1803.8	1718.4	1628.4
29°	2287.8	2277.1	2258.2	2223.1	2163.3	2075.7	1983.0	1901.5	1808.4	1721.1	1629.6
30°	2279.9	2273.8	2259.1	2225.6	2167.9	2080.3	1984.8	1901.5	1807.2	1718.4	1624.7
31°	2266.8	2263.1	2250.9	2219.5	2163.3	2074.5	1977.8	1894.2	1799.3	1709.5	1613.7
32°	2242.0	2245.4	2235.3	2204.5	2149.0	2059.6	1964.0	1881.3	1786.1	1695.5	1596.9
33°	2215.8	2224.0	2214.9	2181.6	2124.3	2035.5	1943.6	1863.0	1767.5	1676.0	1575.0
34°	2187.1	2196.6	2185.0	2147.4	2088.2	2002.5	1915.8	1837.7	1742.8	1650.9	1546.3
35°	2149.9	2157.8	2142.6	2102.9	2042.5	1961.3	1881.3	1805.1	1711.4	1618.0	1510.9
36°	2087.3	2106.6	2090.7	2049.8	1990.6	1916.4	1842.3	1768.1	1675.4	1581.7	1472.1
37°	2045.2	2048.9	2033.3	1991.8	1937.2	1871.3	1801.1	1728.8	1637.2	1541.1	1429.7
38°	1984.5	1986.0	1970.5	1931.7	1884.4	1824.0	1756.8	1686.3	1594.8	1497.1	1382.4
39°	1921.0	1920.7	1906.7	1873.4	1831.3	1773.6	1708.6	1639.3	1546.6	1446.5	1327.2
40°	1861.2	1860.3	1848.1	1817.6	1776.7	1720.8	1657.0	1587.5	1492.9	1390.3	1266.1
42.5°	1719.6	1713.5	1701.3	1671.4	1632.3	1577.1	1510.6	1435.5	1335.1	1219.4	1079.1
45°	1560.3	1547.2	1534.4	1499.9	1455.9	1396.7	1322.0	1236.8	1124.5	997.9	852.0
47.5°	1356.5	1338.8	1326.2	1286.9	1236.8	1170.3	1084.9	992.1	873.7	737.9	589.0
50°	1051.9	1012.5	999.4	937.5	870.0	784.0	676.6	569.1	449.8	338.7	237.1
51°	835.5	791.6	778.8	715.3	650.0	570.7	473.0	382.1	289.3	213.6	158.7
52°	610.6	569.7	558.1	500.8	445.8	382.1	309.4	249.6	197.4	159.6	128.2
53°	421.4	394.9	384.5	346.1	309.7	268.9	224.9	188.6	155.0	128.2	104.7
54°	311.0	293.0	284.7	256.9	230.7	202.0	171.8	147.1	123.9	104.1	84.5
55°	229.2	215.8	210.0	190.7	173.6	154.1	134.0	116.3	98.3	81.8	64.1
57.5°	103.8	97.0	94.6	86.4	79.6	73.8	60.1	50.4	40.9	33.0	25.6
60°	35.4	32.7	31.7	28.7	26.9	25.0	21.1	18.0	15.6	13.4	11.3
61°	22.6	21.1	20.4	18.9	18.0	17.1	14.6	12.8	11.3	10.1	8.5
62°	15.3	14.3	14.0	13.1	12.5	12.2	10.7	9.5	8.2	7.3	6.4
63°	10.7	10.1	10.1	9.5	9.2	8.8	7.6	7.0	6.1	5.5	4.9
64°	7.6	7.3	7.0	6.7	6.4	6.4	5.5	5.2	4.6	4.3	3.7
65°	5.5	5.2	5.2	4.9	4.9	4.6	4.3	3.7	3.4	3.1	2.7
66°	4.0	3.7	3.7	3.7	3.4	3.4	3.1	2.7	2.4	2.4	2.1



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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°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
75°	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
77.5°	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3
80°	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3
82.5°	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3
85°	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	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°	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
2.5°	85.1	83.0	82.4	81.8	80.9	80.0	77.2	76.6	76.0	73.5	72.9
5°	169.1	160.5	155.0	149.2	143.1	136.1	124.8	119.6	114.1	104.7	100.1
7.5°	307.9	290.5	276.5	262.1	247.8	231.0	209.0	195.9	181.9	163.3	150.8
10°	482.8	450.7	423.3	396.7	371.1	341.8	313.1	284.4	260.0	231.0	207.5
12.5°	702.8	650.6	605.4	560.9	516.9	470.0	424.2	379.6	336.3	297.8	261.5
15°	937.8	870.3	807.2	743.7	677.2	606.7	537.7	473.3	412.0	358.3	309.1
17.5°	1138.3	1061.7	980.8	901.8	816.9	722.3	637.8	554.8	476.1	406.8	343.6
20°	1300.6	1213.3	1117.5	1023.5	919.8	818.5	717.1	618.3	518.5	433.9	357.7
22.5°	1416.9	1324.1	1219.4	1112.6	994.2	877.3	759.9	643.6	531.3	435.5	350.6
25°	1495.0	1394.0	1280.5	1162.1	1029.9	901.2	769.3	642.1	519.4	417.2	327.1
26°	1513.6	1410.2	1293.6	1170.6	1035.1	903.0	764.7	633.5	508.1	403.7	312.8
27°	1525.5	1419.0	1299.4	1172.7	1034.8	905.1	754.4	620.1	492.2	387.3	296.3
28°	1529.8	1421.2	1299.1	1168.5	1027.8	884.1	738.2	600.9	474.8	367.4	277.4
29°	1529.2	1418.4	1293.0	1158.1	1014.7	866.4	715.9	577.1	451.0	345.1	256.9
30°	1523.1	1409.3	1280.5	1140.7	994.8	841.6	687.2	548.4	424.8	320.7	234.7
31°	1510.6	1393.7	1260.3	1115.1	967.4	810.2	653.7	516.0	395.8	294.5	211.8
32°	1491.6	1371.4	1233.2	1083.3	933.8	773.6	615.8	476.4	365.0	267.6	191.9
33°	1467.2	1343.0	1200.5	1046.1	896.0	731.5	574.0	448.6	333.5	240.5	166.0
34°	1436.1	1308.5	1160.8	1003.1	852.0	684.8	530.7	406.2	301.8	213.0	146.5
35°	1398.9	1267.0	1115.7	955.5	803.2	634.1	491.3	368.3	269.5	185.5	124.5
36°	1357.1	1221.0	1065.0	904.2	749.8	582.6	446.5	330.5	237.4	158.7	105.0
37°	1311.3	1170.3	1011.3	848.1	692.4	529.2	401.6	293.3	206.0	133.1	89.4
38°	1259.7	1113.5	951.8	786.1	631.1	476.1	357.3	256.0	174.6	110.2	78.1
39°	1199.9	1048.9	887.1	717.7	568.2	422.7	313.7	219.4	145.0	91.9	69.6
40°	1133.4	980.2	816.3	645.4	504.7	370.8	271.0	184.0	118.4	79.3	62.3
42.5°	938.1	779.1	614.6	474.5	357.0	252.1	173.6	110.2	76.6	58.9	45.8
45°	707.4	558.5	424.5	319.5	232.2	151.1	98.9	70.2	54.3	40.9	32.0
47.5°	462.9	347.9	247.5	171.8	116.3	77.5	60.4	45.8	35.4	27.2	21.7
50°	174.6	128.8	100.1	80.0	63.2	47.9	37.8	29.0	22.3	17.1	13.7
51°	129.1	104.1	82.1	65.6	52.2	39.7	30.8	22.9	17.7	13.7	11.3
52°	105.9	85.4	67.4	53.7	42.4	30.8	23.8	18.0	14.3	11.3	9.2
53°	86.7	69.6	54.3	42.4	32.3	23.5	18.3	14.3	11.6	9.2	7.6
54°	69.0	54.0	40.6	31.1	24.1	17.7	14.3	11.3	9.2	7.6	6.4
55°	51.3	39.1	29.0	22.9	18.0	13.7	11.3	9.2	7.6	6.1	5.2
57.5°	21.1	16.8	13.7	11.3	9.5	7.6	6.4	5.5	4.6	3.7	3.1
60°	9.8	8.2	7.3	6.1	5.2	4.3	3.7	3.4	2.7	2.4	2.1
61°	7.6	6.4	5.5	4.9	4.3	3.4	3.1	2.7	2.4	2.1	1.8
62°	5.8	4.9	4.3	3.7	3.4	2.7	2.4	2.1	1.8	1.8	1.5
63°	4.3	3.7	3.4	3.1	2.7	2.4	2.1	1.8	1.8	1.5	1.5
64°	3.4	3.1	2.7	2.4	2.1	1.8	1.8	1.5	1.5	1.2	1.2
65°	2.4	2.4	2.1	1.8	1.8	1.5	1.5	1.5	1.2	1.2	1.2
66°	2.1	1.8	1.5	1.5	1.5	1.2	1.2	1.2	1.2	1.2	1.2



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CATALOG NUMBER: LDA6A10827D010TE 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°	0.6	0.6	0.6	0.6	0.6	0.6	0.9	0.9	0.9	0.9	0.9
75°	0.6	0.6	0.6	0.6	0.6	0.6	0.9	0.9	0.9	0.9	0.9
77.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.9	0.9	0.9	0.9	0.9
80°	0.6	0.6	0.6	0.6	0.6	0.6	0.9	0.9	0.9	0.9	0.9
82.5°	0.6	0.6	0.6	0.6	0.6	0.9	0.9	0.9	0.9	0.9	0.9
85°	0.6	0.6	0.6	0.6	0.6	0.9	0.9	0.9	0.9	0.9	0.9
87.5°	0.6	0.6	0.6	0.6	0.6	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



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CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
2.5°	71.4	71.1	69.0	68.1	66.8	65.3	64.1	63.2	61.6	60.4	59.2
5°	93.7	90.3	84.8	81.2	77.8	74.5	71.7	69.3	66.5	64.1	61.6
7.5°	135.2	123.9	110.2	99.8	91.2	83.6	78.1	73.5	69.3	65.6	61.3
10°	181.6	160.8	139.8	119.9	104.4	91.2	82.1	75.1	69.3	64.4	58.9
12.5°	224.3	193.8	163.0	136.4	113.5	95.5	83.0	74.2	67.4	61.3	54.9
15°	260.6	219.7	180.7	146.5	118.1	95.8	81.5	71.7	64.1	56.8	50.4
17.5°	283.5	231.6	185.5	146.2	115.0	90.9	76.6	67.1	58.6	51.3	45.2
20°	288.4	228.9	178.5	135.5	104.4	81.8	69.9	60.1	51.6	45.2	40.0
22.5°	276.2	213.3	159.9	117.2	89.4	72.3	62.3	52.8	45.8	40.6	36.3
25°	249.9	186.2	134.3	96.1	76.6	63.8	54.6	47.0	41.8	38.5	36.0
26°	236.2	172.7	122.7	88.5	72.3	60.7	52.2	45.5	41.2	38.8	36.9
27°	220.3	158.4	111.1	81.8	68.4	56.8	49.1	43.0	39.1	36.9	35.7
28°	202.9	143.1	100.1	75.7	63.5	51.9	44.9	39.1	35.1	32.7	30.5
29°	184.6	127.9	90.0	70.2	58.6	47.6	40.9	35.4	31.4	29.0	26.9
30°	165.4	113.2	81.5	65.3	53.7	43.6	37.5	32.3	28.7	26.2	24.1
31°	146.8	99.8	75.4	60.1	49.4	40.3	34.8	30.5	26.9	24.4	22.9
32°	128.2	88.5	69.6	55.2	45.5	37.8	32.3	28.7	25.6	23.5	22.3
33°	111.4	79.0	64.4	50.7	42.1	35.4	30.8	27.5	24.7	22.9	21.7
34°	96.4	72.6	58.6	46.1	38.8	32.7	28.4	25.3	22.6	21.1	19.5
35°	84.2	65.9	52.8	41.5	34.8	29.3	25.6	22.6	20.1	18.6	17.1
36°	74.8	59.2	47.0	36.9	31.1	26.5	22.9	20.1	18.0	16.5	15.3
37°	67.4	53.1	42.1	33.3	28.4	23.8	20.8	18.3	16.2	14.6	13.4
38°	60.7	47.3	37.8	30.2	25.6	21.7	18.6	16.8	14.6	13.1	11.9
39°	54.0	41.5	33.9	27.5	23.5	19.8	17.1	15.3	13.1	11.9	10.7
40°	47.9	37.2	30.5	24.7	21.4	17.7	15.6	13.7	11.9	10.7	9.5
42.5°	35.4	27.8	23.2	18.9	16.2	13.7	11.9	10.1	8.8	7.9	7.0
45°	25.3	20.1	16.8	13.7	11.6	9.8	8.2	7.3	6.4	5.8	5.2
47.5°	17.1	13.7	11.6	9.2	7.9	6.7	5.8	5.2	4.6	4.0	3.7
50°	11.0	8.8	7.6	6.1	5.2	4.6	4.0	3.4	3.1	2.7	2.7
51°	9.2	7.3	6.4	5.2	4.6	4.0	3.4	3.1	2.7	2.4	2.1
52°	7.6	6.1	5.2	4.3	3.7	3.4	2.7	2.4	2.1	2.1	2.1
53°	6.4	5.2	4.6	3.7	3.4	2.7	2.4	2.1	1.8	1.8	1.8
54°	5.2	4.3	3.7	3.1	2.7	2.4	2.1	1.8	1.8	1.5	1.5
55°	4.3	3.7	3.1	2.7	2.4	2.1	1.8	1.5	1.5	1.5	1.5
57.5°	2.7	2.4	2.1	1.8	1.5	1.5	1.2	1.2	1.2	1.2	1.2
60°	1.8	1.5	1.5	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
61°	1.5	1.5	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
62°	1.5	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
63°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
64°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
65°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
66°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2



TEST NUMBER: P175575

CATALOG NUMBER: LDA6A10827D010TE 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°	0.9	0.9	0.9	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
75°	0.9	0.9	0.9	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
77.5°	0.9	0.9	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
80°	0.9	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.5
82.5°	0.9	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.5
85°	0.9	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.5
87.5°	0.9	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
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: P175575

CATALOG NUMBER: LDA6A10827D010TE LAR35FL 6LAL1 30° Tilt

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
0°	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
2.5°	57.7	56.8	55.2	54.3	45.8	41.2	36.9	36.6
5°	58.9	56.5	54.0	51.9	37.8	31.4	27.2	26.5
7.5°	57.7	54.0	50.7	48.2	31.7	24.7	21.1	20.4
10°	54.3	50.4	46.4	43.3	27.2	21.1	17.7	17.1
12.5°	50.0	45.8	41.8	38.5	23.5	18.9	16.2	15.6
15°	45.2	40.9	37.5	34.5	21.7	17.4	15.6	15.0
17.5°	40.6	36.6	33.6	30.8	20.1	16.8	15.9	16.2
20°	36.0	33.0	30.2	28.1	20.8	19.8	22.9	25.6
22.5°	33.3	31.1	29.6	28.1	32.0	49.4	111.7	132.4
25°	34.8	34.5	35.4	37.5	65.6	83.0	73.2	74.2
26°	36.6	37.2	38.8	40.9	56.2	52.2	47.9	51.3
27°	35.4	35.7	35.4	35.1	36.9	36.6	38.5	41.8
28°	29.6	29.0	28.4	27.5	28.1	31.1	35.4	38.1
29°	25.6	25.0	24.1	23.2	24.4	30.2	34.2	36.0
30°	23.2	22.3	21.4	20.8	24.4	29.9	32.7	33.6
31°	21.7	21.1	20.4	20.4	24.7	28.4	29.9	30.2
32°	21.7	21.1	20.8	20.8	22.9	25.3	26.2	26.5
33°	21.1	20.4	19.5	19.2	20.1	22.0	22.9	22.9
34°	18.6	18.0	17.4	16.5	17.4	18.9	19.8	19.5
35°	16.2	15.6	15.0	14.3	15.0	16.5	16.8	16.5
36°	14.0	13.4	12.8	12.2	12.8	14.0	14.3	14.0
37°	12.5	11.9	11.3	10.7	10.7	12.2	12.5	11.9
38°	11.3	10.4	9.8	9.5	9.5	10.7	10.7	10.1
39°	10.1	9.5	8.8	8.2	8.2	9.2	9.2	8.5
40°	8.8	8.2	7.6	7.3	7.3	7.9	7.9	7.3
42.5°	6.4	6.1	5.8	5.5	5.5	6.1	5.8	5.2
45°	4.9	4.6	4.3	4.3	4.3	4.6	4.0	3.7
47.5°	3.4	3.4	3.1	3.1	3.1	3.4	3.1	2.7
50°	2.4	2.4	2.1	2.1	2.4	2.4	2.1	1.5
51°	2.1	2.1	2.1	1.8	2.1	2.1	1.8	1.5
52°	1.8	1.8	1.8	1.8	1.8	1.8	1.5	1.2
53°	1.5	1.5	1.5	1.5	1.5	1.5	1.2	0.9
54°	1.5	1.5	1.5	1.5	1.5	1.5	0.9	0.9
55°	1.5	1.5	1.5	1.5	1.5	1.2	0.9	0.6
57.5°	1.2	1.2	1.2	1.2	1.2	1.2	0.9	0.6
60°	1.2	1.2	1.2	1.2	1.2	1.2	0.6	0.3
61°	1.2	1.2	1.2	1.2	1.5	1.2	0.6	0.3
62°	1.2	1.2	1.2	1.2	1.5	1.2	0.6	0.3
63°	1.2	1.2	1.2	1.2	1.5	1.2	0.6	0.3
64°	1.2	1.2	1.2	1.5	1.5	1.2	0.6	0.3
65°	1.2	1.2	1.5	1.5	1.5	1.2	0.6	0.3
66°	1.2	1.5	1.5	1.5	1.5	1.2	0.6	0.3



TEST NUMBER: P175575

CATALOG NUMBER: LDA6A10827D010TE LAR35FL 6LAL1 30° Tilt

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
72.5°	1.2	1.5	1.5	1.5	1.5	1.2	0.9	0.6
75°	1.2	1.5	1.5	1.5	1.5	1.2	0.9	0.6
77.5°	1.5	1.5	1.5	1.5	1.5	1.2	0.9	0.6
80°	1.5	1.5	1.5	1.5	1.5	1.2	0.9	0.6
82.5°	1.5	1.5	1.5	1.5	1.5	1.2	0.9	0.6
85°	1.5	1.5	1.5	1.5	1.5	1.2	0.9	0.6
87.5°	1.5	1.5	1.5	1.5	1.5	1.2	0.6	0.3
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°	2.4	2.1	2.1	2.1	2.1	1.8	1.8	1.8	1.5	1.5	1.2
70°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.6





67.5°	1.2	1.2	1.2	1.2	0.9	0.9	0.9	0.9	0.9	0.9	0.9
70°	0.6	0.6	0.6	0.6	0.6	0.6	0.9	0.9	0.9	0.9	0.9





67.5°	0.9	0.9	0.9	0.9	1.2	1.2	1.2	1.2	1.2	1.2	1.2
70°	0.9	0.9	0.9	0.9	1.2	1.2	1.2	1.2	1.2	1.2	1.2





67.5°	1.2	1.5	1.5	1.5	1.5	1.2	0.6	0.6
70°	1.2	1.2	1.5	1.5	1.5	1.2	0.9	0.6



(END OF REPORT)