

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: P175582

Luminaire Tested: **LDA6A10940D010TE LAR35FL 6LAL1 30° Tilt**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P175582
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: LDA6A10940D010TE 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 / 4000K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 760.9 lumens
Efficiency: N/A
Efficacy: 55.0 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

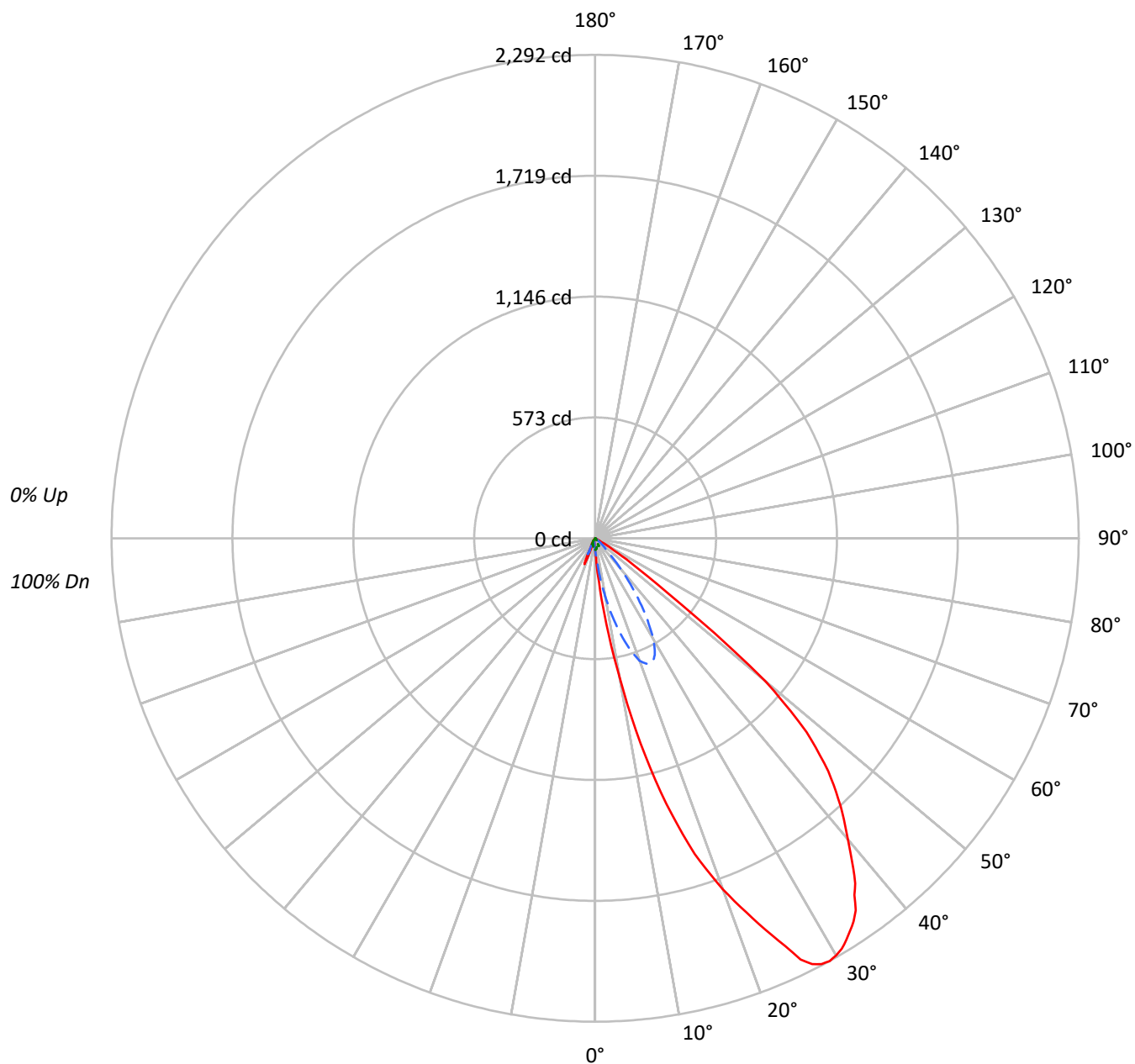
Input Watts (W): 13.84
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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°	3048	3048	3048
5°	11523	2862	1464
10°	37452	2416	952
15°	73973	1958	851
20°	103317	1639	1499
25°	129038	2274	4494
30°	144560	1317	2127
35°	144112	964	1104
40°	133414	522	522
45°	121168	333	287
50°	89856	179	128
55°	21944	143	57
60°	3892	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°	85.8	11.3
20°-30°	208.4	27.4
30°-40°	246.0	32.3
40°-50°	174.5	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°	304.8	40.1
0°-40°	550.8	72.4
0°-60°	756.9	99.5
0°-90°	760.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	760.9	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	56	56	56	56	56	
5°	209	120	52	32	27	35
15°	1303	474	34	17	15	377
25°	2133	643	38	83	74	981
35°	2153	369	14	16	16	1327
45°	1563	70	4	5	4	1173
55°	230	9	2	1	1	298
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°	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
2.5°	93.2	91.1	91.1	92.0	92.3	90.5	90.5	88.0	86.8	87.1	84.7
5°	209.4	213.7	205.1	206.3	205.4	199.6	197.2	188.9	183.4	180.7	171.8
7.5°	409.0	402.6	389.7	390.3	387.0	377.5	369.6	355.2	343.0	334.1	317.9
10°	672.8	674.6	654.1	652.3	644.3	626.3	608.6	580.8	555.7	536.1	506.2
12.5°	995.6	976.9	969.6	964.4	951.5	926.8	899.3	860.8	822.6	789.8	743.7
15°	1303.4	1293.0	1282.0	1273.1	1256.9	1225.7	1191.2	1142.9	1093.1	1050.0	991.6
17.5°	1569.3	1556.8	1543.6	1533.2	1504.8	1482.8	1436.3	1396.3	1339.4	1288.1	1217.8
20°	1771.0	1764.3	1749.0	1734.7	1704.4	1675.7	1627.4	1581.8	1518.9	1453.8	1386.5
22.5°	1949.6	1939.5	1920.2	1898.5	1860.6	1822.7	1767.1	1716.3	1647.6	1578.2	1505.7
25°	2133.3	2128.7	2099.3	2064.5	2011.0	1957.5	1888.1	1825.5	1747.8	1674.8	1590.4
26°	2222.2	2201.4	2171.5	2130.8	2067.8	2003.0	1927.9	1859.1	1776.2	1696.2	1611.8
27°	2266.5	2250.3	2224.0	2182.8	2117.1	2040.6	1957.8	1883.8	1796.1	1713.3	1625.9
28°	2287.0	2273.3	2251.6	2213.3	2149.5	2063.6	1976.5	1898.2	1806.8	1721.2	1631.0
29°	2291.6	2280.9	2261.9	2226.8	2166.9	2079.2	1986.2	1904.6	1811.4	1724.0	1632.3
30°	2283.7	2277.5	2262.9	2229.2	2171.5	2083.7	1988.1	1904.6	1810.2	1721.2	1627.4
31°	2270.5	2266.8	2254.6	2223.1	2166.9	2077.9	1981.0	1897.3	1802.2	1712.4	1616.4
32°	2245.7	2249.1	2239.0	2208.2	2152.5	2063.0	1967.3	1884.4	1789.1	1698.3	1599.6
33°	2219.5	2227.7	2218.5	2185.2	2127.8	2038.8	1946.8	1866.1	1770.4	1678.7	1577.6
34°	2190.7	2200.2	2188.6	2151.0	2091.7	2005.8	1919.0	1840.7	1745.7	1653.7	1548.8
35°	2153.4	2161.4	2146.1	2106.4	2045.8	1964.5	1884.4	1808.0	1714.2	1620.7	1513.4
36°	2090.8	2110.0	2094.1	2053.2	1993.9	1919.6	1845.3	1771.0	1678.1	1584.3	1474.5
37°	2048.6	2052.3	2036.7	1995.1	1940.4	1874.4	1804.1	1731.6	1639.9	1543.6	1432.1
38°	1987.8	1989.3	1973.7	1934.9	1887.5	1827.0	1759.7	1689.1	1597.4	1499.6	1384.7
39°	1924.2	1923.9	1909.8	1876.5	1834.3	1776.5	1711.4	1642.1	1549.1	1448.9	1329.4
40°	1864.3	1863.4	1851.1	1820.6	1779.6	1723.7	1659.8	1590.1	1495.3	1392.6	1268.2
42.5°	1722.4	1716.3	1704.1	1674.1	1635.0	1579.7	1513.1	1437.9	1337.3	1221.5	1080.8
45°	1562.9	1549.7	1536.9	1502.4	1458.3	1399.0	1324.2	1238.9	1126.4	999.5	853.4
47.5°	1358.7	1341.0	1328.4	1289.0	1238.9	1172.2	1086.7	993.7	875.1	739.1	589.9
50°	1053.6	1014.2	1001.1	939.0	871.5	785.3	677.7	570.1	450.6	339.3	237.5
51°	836.9	792.9	780.1	716.5	651.1	571.6	473.8	382.7	289.8	214.0	158.9
52°	611.6	570.7	559.1	501.6	446.6	382.7	309.9	250.0	197.8	159.9	128.4
53°	422.1	395.5	385.1	346.6	310.3	269.3	225.3	188.9	155.3	128.4	104.8
54°	311.5	293.4	285.2	257.4	231.1	202.4	172.1	147.3	124.1	104.2	84.7
55°	229.6	216.1	210.3	191.0	173.9	154.4	134.2	116.5	98.4	81.9	64.2
57.5°	103.9	97.2	94.8	86.5	79.8	74.0	60.2	50.4	41.0	33.0	25.7
60°	35.5	32.7	31.8	28.7	26.9	25.1	21.1	18.0	15.6	13.4	11.3
61°	22.6	21.1	20.5	19.0	18.0	17.1	14.7	12.8	11.3	10.1	8.6
62°	15.3	14.4	14.1	13.1	12.5	12.2	10.7	9.5	8.3	7.3	6.4
63°	10.7	10.1	10.1	9.5	9.2	8.9	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	2.8
66°	4.0	3.7	3.7	3.7	3.4	3.4	3.1	2.8	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°	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
2.5°	85.3	83.1	82.5	81.9	81.0	80.1	77.3	76.7	76.1	73.7	73.1
5°	169.3	160.8	155.3	149.5	143.4	136.3	125.0	119.8	114.3	104.8	100.3
7.5°	308.4	291.0	276.9	262.6	248.2	231.4	209.4	196.2	182.2	163.5	151.0
10°	483.6	451.5	424.0	397.4	371.7	342.3	313.6	284.9	260.4	231.4	207.9
12.5°	704.0	651.7	606.4	561.8	517.8	470.7	424.9	380.3	336.8	298.3	262.0
15°	939.3	871.8	808.5	744.9	678.3	607.7	538.6	474.1	412.7	358.9	309.6
17.5°	1140.1	1063.4	982.4	903.3	818.3	723.5	638.8	555.7	476.8	407.5	344.2
20°	1302.8	1215.3	1119.4	1025.2	921.3	819.8	718.3	619.3	519.3	434.7	358.2
22.5°	1419.2	1326.3	1221.5	1114.5	995.9	878.8	761.1	644.7	532.2	436.2	351.2
25°	1497.5	1396.3	1282.6	1164.0	1031.6	902.6	770.6	643.1	520.2	417.8	327.7
26°	1516.1	1412.5	1295.7	1172.5	1036.8	904.5	766.0	634.6	508.9	404.4	313.3
27°	1528.0	1421.4	1301.5	1174.7	1036.5	906.6	755.6	621.1	493.0	387.9	296.8
28°	1532.3	1423.5	1301.2	1170.4	1029.5	885.5	739.4	601.9	475.6	368.0	277.9
29°	1531.7	1420.7	1295.1	1160.0	1016.3	867.8	717.1	578.0	451.8	345.7	257.4
30°	1525.6	1411.6	1282.6	1142.6	996.5	843.0	688.4	549.3	425.5	321.3	235.1
31°	1513.1	1396.0	1262.4	1116.9	969.0	811.6	654.7	516.9	396.5	295.0	212.1
32°	1494.1	1373.7	1235.2	1085.1	935.3	774.9	616.8	477.1	365.6	268.1	192.3
33°	1469.7	1345.2	1202.5	1047.8	897.4	732.7	575.0	449.3	334.1	240.9	166.3
34°	1438.5	1310.7	1162.8	1004.7	853.4	685.9	531.6	406.8	302.3	213.4	146.7
35°	1401.2	1269.1	1117.5	957.0	804.5	635.2	492.1	368.9	269.9	185.8	124.7
36°	1359.3	1223.0	1066.8	905.7	751.0	583.5	447.2	331.0	237.8	158.9	105.2
37°	1313.5	1172.2	1013.0	849.5	693.6	530.0	402.3	293.7	206.3	133.3	89.6
38°	1261.8	1115.4	953.4	787.4	632.1	476.8	357.9	256.5	174.8	110.3	78.3
39°	1201.9	1050.6	888.6	718.9	569.2	423.4	314.2	219.8	145.2	92.0	69.7
40°	1135.3	981.8	817.7	646.5	505.6	371.4	271.4	184.3	118.6	79.5	62.4
42.5°	939.6	780.4	615.6	475.3	357.6	252.5	173.9	110.3	76.7	59.0	45.9
45°	708.5	559.4	425.2	320.0	232.6	151.3	99.0	70.3	54.4	41.0	32.1
47.5°	463.7	348.5	247.9	172.1	116.5	77.6	60.5	45.9	35.5	27.2	21.7
50°	174.8	129.0	100.3	80.1	63.3	48.0	37.9	29.0	22.3	17.1	13.8
51°	129.3	104.2	82.2	65.7	52.3	39.7	30.9	22.9	17.7	13.8	11.3
52°	106.1	85.6	67.6	53.8	42.5	30.9	23.8	18.0	14.4	11.3	9.2
53°	86.8	69.7	54.4	42.5	32.4	23.5	18.3	14.4	11.6	9.2	7.6
54°	69.1	54.1	40.7	31.2	24.1	17.7	14.4	11.3	9.2	7.6	6.4
55°	51.4	39.1	29.0	22.9	18.0	13.8	11.3	9.2	7.6	6.1	5.2
57.5°	21.1	16.8	13.8	11.3	9.5	7.6	6.4	5.5	4.6	3.7	3.1
60°	9.8	8.3	7.3	6.1	5.2	4.3	3.7	3.4	2.8	2.4	2.1
61°	7.6	6.4	5.5	4.9	4.3	3.4	3.1	2.8	2.4	2.1	1.8
62°	5.8	4.9	4.3	3.7	3.4	2.8	2.4	2.1	1.8	1.8	1.5
63°	4.3	3.7	3.4	3.1	2.8	2.4	2.1	1.8	1.8	1.5	1.5
64°	3.4	3.1	2.8	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: LDA6A10940D010TE 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°	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
2.5°	71.5	71.2	69.1	68.2	66.9	65.4	64.2	63.3	61.7	60.5	59.3
5°	93.8	90.5	85.0	81.3	77.9	74.6	71.8	69.4	66.6	64.2	61.7
7.5°	135.4	124.1	110.3	100.0	91.4	83.8	78.3	73.7	69.4	65.7	61.4
10°	181.9	161.1	140.0	120.1	104.5	91.4	82.2	75.2	69.4	64.5	59.0
12.5°	224.7	194.1	163.2	136.6	113.7	95.7	83.1	74.3	67.6	61.4	55.0
15°	261.0	220.1	181.0	146.7	118.3	96.0	81.6	71.8	64.2	56.9	50.4
17.5°	284.0	232.0	185.8	146.4	115.2	91.1	76.7	67.2	58.7	51.4	45.2
20°	288.9	229.3	178.8	135.7	104.5	81.9	70.0	60.2	51.7	45.2	40.0
22.5°	276.6	213.7	160.2	117.4	89.6	72.4	62.4	52.9	45.9	40.7	36.4
25°	250.3	186.5	134.5	96.3	76.7	63.9	54.7	47.1	41.9	38.5	36.1
26°	236.6	173.0	122.9	88.6	72.4	60.8	52.3	45.5	41.3	38.8	37.0
27°	220.7	158.6	111.3	81.9	68.5	56.9	49.2	43.1	39.1	37.0	35.8
28°	203.3	143.4	100.3	75.8	63.6	52.0	44.9	39.1	35.2	32.7	30.6
29°	184.9	128.1	90.2	70.3	58.7	47.7	41.0	35.5	31.5	29.0	26.9
30°	165.7	113.4	81.6	65.4	53.8	43.7	37.6	32.4	28.7	26.3	24.1
31°	147.0	100.0	75.5	60.2	49.5	40.3	34.8	30.6	26.9	24.5	22.9
32°	128.4	88.6	69.7	55.3	45.5	37.9	32.4	28.7	25.7	23.5	22.3
33°	111.6	79.2	64.5	50.7	42.2	35.5	30.9	27.5	24.8	22.9	21.7
34°	96.6	72.7	58.7	46.2	38.8	32.7	28.4	25.4	22.6	21.1	19.6
35°	84.4	66.0	52.9	41.6	34.8	29.3	25.7	22.6	20.2	18.6	17.1
36°	74.9	59.3	47.1	37.0	31.2	26.6	22.9	20.2	18.0	16.5	15.3
37°	67.6	53.2	42.2	33.3	28.4	23.8	20.8	18.3	16.2	14.7	13.4
38°	60.8	47.4	37.9	30.3	25.7	21.7	18.6	16.8	14.7	13.1	11.9
39°	54.1	41.6	33.9	27.5	23.5	19.9	17.1	15.3	13.1	11.9	10.7
40°	48.0	37.3	30.6	24.8	21.4	17.7	15.6	13.8	11.9	10.7	9.5
42.5°	35.5	27.8	23.2	19.0	16.2	13.8	11.9	10.1	8.9	7.9	7.0
45°	25.4	20.2	16.8	13.8	11.6	9.8	8.3	7.3	6.4	5.8	5.2
47.5°	17.1	13.8	11.6	9.2	7.9	6.7	5.8	5.2	4.6	4.0	3.7
50°	11.0	8.9	7.6	6.1	5.2	4.6	4.0	3.4	3.1	2.8	2.8
51°	9.2	7.3	6.4	5.2	4.6	4.0	3.4	3.1	2.8	2.4	2.1
52°	7.6	6.1	5.2	4.3	3.7	3.4	2.8	2.4	2.1	2.1	2.1
53°	6.4	5.2	4.6	3.7	3.4	2.8	2.4	2.1	1.8	1.8	1.8
54°	5.2	4.3	3.7	3.1	2.8	2.4	2.1	1.8	1.8	1.5	1.5
55°	4.3	3.7	3.1	2.8	2.4	2.1	1.8	1.5	1.5	1.5	1.5
57.5°	2.8	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: P175582

CATALOG NUMBER: LDA6A10940D010TE 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: P175582

CATALOG NUMBER: LDA6A10940D010TE LAR35FL 6LAL1 30° Tilt

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
0°	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
2.5°	57.8	56.9	55.3	54.4	45.9	41.3	37.0	36.7
5°	59.0	56.5	54.1	52.0	37.9	31.5	27.2	26.6
7.5°	57.8	54.1	50.7	48.3	31.8	24.8	21.1	20.5
10°	54.4	50.4	46.5	43.4	27.2	21.1	17.7	17.1
12.5°	50.1	45.9	41.9	38.5	23.5	19.0	16.2	15.6
15°	45.2	41.0	37.6	34.5	21.7	17.4	15.6	15.0
17.5°	40.7	36.7	33.6	30.9	20.2	16.8	15.9	16.2
20°	36.1	33.0	30.3	28.1	20.8	19.9	22.9	25.7
22.5°	33.3	31.2	29.6	28.1	32.1	49.5	111.9	132.7
25°	34.8	34.5	35.5	37.6	65.7	83.1	73.4	74.3
26°	36.7	37.3	38.8	41.0	56.2	52.3	48.0	51.4
27°	35.5	35.8	35.5	35.2	37.0	36.7	38.5	41.9
28°	29.6	29.0	28.4	27.5	28.1	31.2	35.5	38.2
29°	25.7	25.1	24.1	23.2	24.5	30.3	34.2	36.1
30°	23.2	22.3	21.4	20.8	24.5	30.0	32.7	33.6
31°	21.7	21.1	20.5	20.5	24.8	28.4	30.0	30.3
32°	21.7	21.1	20.8	20.8	22.9	25.4	26.3	26.6
33°	21.1	20.5	19.6	19.3	20.2	22.0	22.9	22.9
34°	18.6	18.0	17.4	16.5	17.4	19.0	19.9	19.6
35°	16.2	15.6	15.0	14.4	15.0	16.5	16.8	16.5
36°	14.1	13.4	12.8	12.2	12.8	14.1	14.4	14.1
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	8.9	8.3	8.3	9.2	9.2	8.6
40°	8.9	8.3	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	2.8
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: P175582

CATALOG NUMBER: LDA6A10940D010TE 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)