

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: P175578

Luminaire Tested: **LDA6A10840D010TE LAR35FL 6LAL1 30° Tilt**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P175578
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: LDA6A10840D010TE 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 / 4000K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 886.7 lumens
Efficiency: N/A
Efficacy: 64.1 lumens/watt
Spacing Criteria (0/90/45): 2.79 / 0.61 / 1.4
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

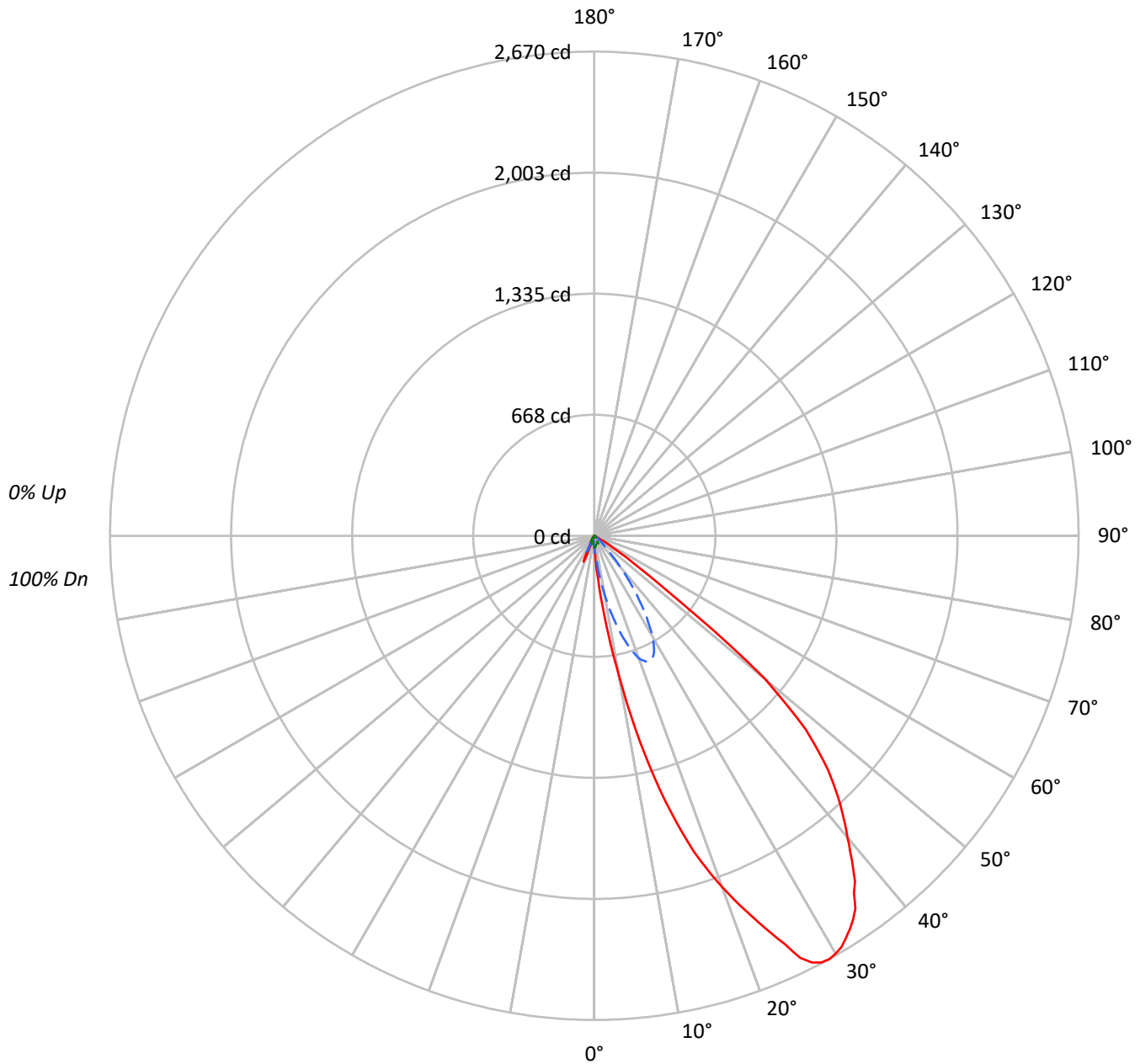
Input Watts (W): 13.84
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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°	3552	3552	3552
5°	13427	3335	1706
10°	43642	2817	1108
15°	86198	2282	993
20°	120399	1913	1744
25°	150366	2649	5238
30°	168450	1532	2481
35°	167937	1118	1285
40°	155463	608	608
45°	141193	388	333
50°	104713	213	154
55°	25567	172	67
60°	4528	153	44
65°	830	233	52
70°	176	289	112
75°	0	381	148
80°	0	568	221
85°	0	1132	440



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.4	1.4
10°-20°	100.0	11.3
20°-30°	242.8	27.4
30°-40°	286.6	32.3
40°-50°	203.3	22.9
50°-60°	36.9	4.2
60°-70°	2.3	0.3
70°-80°	1.2	0.1
80°-90°	1.1	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°	355.2	40.1
0°-40°	641.8	72.4
0°-60°	882.0	99.5
0°-90°	886.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	886.7	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	65	65	65	65	65	
5°	244	140	61	37	31	41
15°	1519	552	40	20	18	439
25°	2486	749	44	97	87	1144
35°	2509	430	17	19	19	1546
45°	1821	82	5	5	4	1367
55°	268	11	2	1	1	347
65°	6	2	2	1	0	10
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°	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
2.5°	108.6	106.1	106.1	107.2	107.6	105.4	105.4	102.6	101.2	101.5	98.7
5°	244.0	249.0	239.0	240.4	239.4	232.6	229.7	220.1	213.7	210.5	200.2
7.5°	476.6	469.1	454.1	454.9	450.9	439.9	430.6	413.9	399.6	389.3	370.4
10°	784.0	786.1	762.3	760.1	750.9	729.8	709.2	676.8	647.6	624.8	589.9
12.5°	1160.1	1138.4	1129.8	1123.8	1108.8	1080.0	1047.9	1003.0	958.5	920.4	866.6
15°	1518.8	1506.7	1493.9	1483.5	1464.7	1428.3	1388.1	1331.8	1273.7	1223.5	1155.5
17.5°	1828.7	1814.1	1798.8	1786.7	1753.5	1727.9	1673.8	1627.1	1560.8	1501.0	1419.1
20°	2063.8	2056.0	2038.1	2021.4	1986.1	1952.7	1896.4	1843.3	1769.9	1694.1	1615.7
22.5°	2271.8	2260.0	2237.6	2212.3	2168.2	2124.0	2059.2	2000.0	1919.9	1839.0	1754.6
25°	2485.9	2480.5	2446.3	2405.7	2343.4	2281.1	2200.2	2127.2	2036.7	1951.6	1853.3
26°	2589.5	2565.3	2530.4	2483.0	2409.7	2334.1	2246.5	2166.4	2069.8	1976.5	1878.2
27°	2641.2	2622.3	2591.7	2543.6	2467.0	2377.9	2281.4	2195.2	2093.0	1996.5	1894.6
28°	2665.0	2649.0	2623.7	2579.2	2504.8	2404.7	2303.1	2212.0	2105.5	2005.7	1900.7
29°	2670.4	2657.9	2635.8	2594.9	2525.1	2422.8	2314.5	2219.4	2110.8	2008.9	1902.1
30°	2661.1	2654.0	2636.9	2597.7	2530.4	2428.2	2316.7	2219.4	2109.4	2005.7	1896.4
31°	2645.8	2641.5	2627.3	2590.6	2525.1	2421.4	2308.5	2210.9	2100.1	1995.4	1883.6
32°	2617.0	2620.9	2609.1	2573.1	2508.3	2404.0	2292.5	2195.9	2084.8	1979.0	1864.0
33°	2586.3	2595.9	2585.3	2546.4	2479.5	2375.8	2268.6	2174.6	2063.1	1956.2	1838.3
34°	2552.8	2563.9	2550.3	2506.5	2437.4	2337.3	2236.2	2145.0	2034.2	1927.0	1804.8
35°	2509.4	2518.6	2500.8	2454.5	2384.0	2289.3	2195.9	2106.9	1997.5	1888.5	1763.5
36°	2436.4	2458.8	2440.3	2392.6	2323.5	2236.9	2150.3	2063.8	1955.5	1846.2	1718.3
37°	2387.2	2391.5	2373.3	2324.9	2261.1	2184.2	2102.3	2017.8	1911.0	1798.8	1668.8
38°	2316.3	2318.1	2299.9	2254.7	2199.5	2129.0	2050.6	1968.3	1861.5	1747.5	1613.6
39°	2242.2	2241.9	2225.5	2186.7	2137.5	2070.2	1994.3	1913.5	1805.2	1688.4	1549.1
40°	2172.4	2171.4	2157.1	2121.5	2073.8	2008.6	1934.1	1852.9	1742.5	1622.8	1477.8
42.5°	2007.2	2000.0	1985.8	1950.9	1905.3	1840.8	1763.2	1675.5	1558.3	1423.4	1259.5
45°	1821.2	1805.9	1790.9	1750.7	1699.4	1630.3	1543.0	1443.7	1312.6	1164.8	994.5
47.5°	1583.3	1562.6	1548.0	1502.1	1443.7	1366.0	1266.3	1158.0	1019.8	861.3	687.5
50°	1227.8	1181.9	1166.5	1094.2	1015.5	915.1	789.7	664.3	525.0	395.4	276.8
51°	975.3	924.0	909.0	834.9	758.7	666.1	552.1	446.0	337.7	249.3	185.2
52°	712.7	665.0	651.5	584.5	520.4	446.0	361.2	291.4	230.5	186.3	149.6
53°	491.9	460.9	448.8	403.9	361.5	313.8	262.5	220.1	180.9	149.6	122.2
54°	363.0	341.9	332.3	299.9	269.3	235.8	200.5	171.7	144.6	121.5	98.7
55°	267.5	251.8	245.1	222.6	202.7	179.9	156.4	135.7	114.7	95.5	74.8
57.5°	121.1	113.3	110.4	100.8	93.0	86.2	70.2	58.8	47.7	38.5	29.9
60°	41.3	38.1	37.0	33.5	31.3	29.2	24.6	21.0	18.2	15.7	13.2
61°	26.4	24.6	23.9	22.1	21.0	19.9	17.1	15.0	13.2	11.8	10.0
62°	17.8	16.7	16.4	15.3	14.6	14.2	12.5	11.0	9.6	8.5	7.5
63°	12.5	11.8	11.8	11.0	10.7	10.3	8.9	8.2	7.1	6.4	5.7
64°	8.9	8.5	8.2	7.8	7.5	7.5	6.4	6.1	5.3	5.0	4.3
65°	6.4	6.1	6.1	5.7	5.7	5.3	5.0	4.3	3.9	3.6	3.2
66°	4.6	4.3	4.3	4.3	3.9	3.9	3.6	3.2	2.8	2.8	2.5



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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°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
75°	0.0	0.0	0.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
77.5°	0.0	0.0	0.0	0.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4
80°	0.0	0.0	0.0	0.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4
82.5°	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4	0.4	0.4	0.4
85°	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4	0.4	0.4	0.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4	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°	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
2.5°	99.4	96.9	96.2	95.5	94.4	93.3	90.1	89.4	88.7	85.8	85.1
5°	197.3	187.4	180.9	174.2	167.1	158.9	145.7	139.6	133.2	122.2	116.8
7.5°	359.4	339.1	322.7	306.0	289.2	269.6	244.0	228.7	212.3	190.6	176.0
10°	563.5	526.1	494.0	463.1	433.1	398.9	365.5	332.0	303.5	269.6	242.2
12.5°	820.3	759.4	706.7	654.7	603.4	548.5	495.1	443.1	392.5	347.6	305.3
15°	1094.6	1015.9	942.1	868.0	790.4	708.1	627.6	552.5	480.9	418.2	360.8
17.5°	1328.6	1239.2	1144.8	1052.6	953.5	843.1	744.4	647.6	555.7	474.8	401.1
20°	1518.1	1416.2	1304.4	1194.7	1073.6	955.3	837.1	721.6	605.2	506.5	417.5
22.5°	1653.8	1545.5	1423.4	1298.7	1160.5	1024.1	886.9	751.2	620.1	508.3	409.3
25°	1745.0	1627.1	1494.6	1356.4	1202.2	1051.8	898.0	749.4	606.2	486.9	381.8
26°	1766.7	1646.0	1509.9	1366.4	1208.2	1054.0	892.6	739.5	593.1	471.2	365.1
27°	1780.6	1656.3	1516.7	1368.9	1207.9	1056.5	880.5	723.8	574.5	452.0	345.9
28°	1785.6	1658.8	1516.3	1363.9	1199.7	1031.9	861.6	701.3	554.2	428.9	323.8
29°	1784.9	1655.6	1509.2	1351.8	1184.3	1011.2	835.6	673.6	526.5	402.9	299.9
30°	1777.8	1644.9	1494.6	1331.5	1161.2	982.4	802.1	640.1	495.8	374.4	273.9
31°	1763.2	1626.7	1471.1	1301.5	1129.1	945.7	763.0	602.3	462.0	343.7	247.2
32°	1741.1	1600.7	1439.4	1264.5	1090.0	903.0	718.8	556.0	426.0	312.4	224.0
33°	1712.6	1567.6	1401.3	1221.0	1045.8	853.8	670.0	523.6	389.3	280.7	193.8
34°	1676.2	1527.4	1355.0	1170.8	994.5	799.3	619.4	474.1	352.3	248.6	171.0
35°	1632.8	1478.9	1302.2	1115.2	937.5	740.2	573.5	429.9	314.5	216.6	145.3
36°	1584.0	1425.1	1243.1	1055.4	875.2	680.0	521.1	385.8	277.1	185.2	122.5
37°	1530.6	1366.0	1180.4	989.9	808.2	617.6	468.8	342.3	240.4	155.3	104.4
38°	1470.4	1299.8	1111.0	917.6	736.6	555.7	417.1	298.8	203.7	128.6	91.2
39°	1400.6	1224.2	1035.5	837.8	663.2	493.3	366.2	256.1	169.2	107.2	81.2
40°	1322.9	1144.1	952.8	753.3	589.1	432.8	316.3	214.8	138.2	92.6	72.7
42.5°	1094.9	909.4	717.4	553.9	416.7	294.2	202.7	128.6	89.4	68.7	53.4
45°	825.7	651.8	495.5	372.9	271.1	176.3	115.4	81.9	63.4	47.7	37.4
47.5°	540.3	406.1	288.9	200.5	135.7	90.5	70.5	53.4	41.3	31.7	25.3
50°	203.7	150.3	116.8	93.3	73.7	55.9	44.2	33.8	26.0	19.9	16.0
51°	150.7	121.5	95.8	76.6	60.9	46.3	36.0	26.7	20.7	16.0	13.2
52°	123.6	99.7	78.7	62.7	49.5	36.0	27.8	21.0	16.7	13.2	10.7
53°	101.2	81.2	63.4	49.5	37.8	27.4	21.4	16.7	13.5	10.7	8.9
54°	80.5	63.0	47.4	36.3	28.1	20.7	16.7	13.2	10.7	8.9	7.5
55°	59.8	45.6	33.8	26.7	21.0	16.0	13.2	10.7	8.9	7.1	6.1
57.5°	24.6	19.6	16.0	13.2	11.0	8.9	7.5	6.4	5.3	4.3	3.6
60°	11.4	9.6	8.5	7.1	6.1	5.0	4.3	3.9	3.2	2.8	2.5
61°	8.9	7.5	6.4	5.7	5.0	3.9	3.6	3.2	2.8	2.5	2.1
62°	6.8	5.7	5.0	4.3	3.9	3.2	2.8	2.5	2.1	2.1	1.8
63°	5.0	4.3	3.9	3.6	3.2	2.8	2.5	2.1	2.1	1.8	1.8
64°	3.9	3.6	3.2	2.8	2.5	2.1	2.1	1.8	1.8	1.4	1.4
65°	2.8	2.8	2.5	2.1	2.1	1.8	1.8	1.8	1.4	1.4	1.4
66°	2.5	2.1	1.8	1.8	1.8	1.4	1.4	1.4	1.4	1.4	1.4



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CATALOG NUMBER: LDA6A10840D010TE 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°	0.7	0.7	0.7	0.7	0.7	0.7	1.1	1.1	1.1	1.1	1.1
75°	0.7	0.7	0.7	0.7	0.7	0.7	1.1	1.1	1.1	1.1	1.1
77.5°	0.7	0.7	0.7	0.7	0.7	0.7	1.1	1.1	1.1	1.1	1.1
80°	0.7	0.7	0.7	0.7	0.7	0.7	1.1	1.1	1.1	1.1	1.1
82.5°	0.7	0.7	0.7	0.7	0.7	1.1	1.1	1.1	1.1	1.1	1.1
85°	0.7	0.7	0.7	0.7	0.7	1.1	1.1	1.1	1.1	1.1	1.1
87.5°	0.7	0.7	0.7	0.7	0.7	1.1	1.1	1.1	1.1	1.1	1.1
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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CATALOG NUMBER: LDA6A10840D010TE LAR35FL 6LAL1 30° Tilt

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
2.5°	83.3	83.0	80.5	79.4	78.0	76.2	74.8	73.7	72.0	70.5	69.1
5°	109.4	105.4	99.0	94.7	90.8	86.9	83.7	80.9	77.7	74.8	72.0
7.5°	157.8	144.6	128.6	116.5	106.5	97.6	91.2	85.8	80.9	76.6	71.6
10°	211.9	187.7	163.1	140.0	121.8	106.5	95.8	87.6	80.9	75.2	68.7
12.5°	261.8	226.2	190.2	159.2	132.5	111.5	96.9	86.6	78.7	71.6	64.1
15°	304.2	256.5	210.9	171.0	137.8	111.8	95.1	83.7	74.8	66.3	58.8
17.5°	330.9	270.4	216.6	170.6	134.3	106.1	89.4	78.4	68.4	59.8	52.7
20°	336.6	267.1	208.4	158.2	121.8	95.5	81.6	70.2	60.2	52.7	46.7
22.5°	322.4	249.0	186.6	136.8	104.4	84.4	72.7	61.6	53.4	47.4	42.4
25°	291.7	217.3	156.7	112.2	89.4	74.4	63.8	54.9	48.8	44.9	42.0
26°	275.7	201.6	143.2	103.3	84.4	70.9	60.9	53.1	48.1	45.2	43.1
27°	257.2	184.9	129.7	95.5	79.8	66.3	57.3	50.2	45.6	43.1	41.7
28°	236.9	167.1	116.8	88.3	74.1	60.6	52.4	45.6	41.0	38.1	35.6
29°	215.5	149.2	105.1	81.9	68.4	55.6	47.7	41.3	36.7	33.8	31.3
30°	193.1	132.1	95.1	76.2	62.7	50.9	43.8	37.8	33.5	30.6	28.1
31°	171.3	116.5	88.0	70.2	57.7	47.0	40.6	35.6	31.3	28.5	26.7
32°	149.6	103.3	81.2	64.5	53.1	44.2	37.8	33.5	29.9	27.4	26.0
33°	130.0	92.3	75.2	59.1	49.2	41.3	36.0	32.1	28.9	26.7	25.3
34°	112.6	84.8	68.4	53.8	45.2	38.1	33.1	29.6	26.4	24.6	22.8
35°	98.3	76.9	61.6	48.4	40.6	34.2	29.9	26.4	23.5	21.7	19.9
36°	87.3	69.1	54.9	43.1	36.3	31.0	26.7	23.5	21.0	19.2	17.8
37°	78.7	62.0	49.2	38.8	33.1	27.8	24.2	21.4	18.9	17.1	15.7
38°	70.9	55.2	44.2	35.3	29.9	25.3	21.7	19.6	17.1	15.3	13.9
39°	63.0	48.4	39.5	32.1	27.4	23.2	19.9	17.8	15.3	13.9	12.5
40°	55.9	43.5	35.6	28.9	24.9	20.7	18.2	16.0	13.9	12.5	11.0
42.5°	41.3	32.4	27.1	22.1	18.9	16.0	13.9	11.8	10.3	9.3	8.2
45°	29.6	23.5	19.6	16.0	13.5	11.4	9.6	8.5	7.5	6.8	6.1
47.5°	19.9	16.0	13.5	10.7	9.3	7.8	6.8	6.1	5.3	4.6	4.3
50°	12.8	10.3	8.9	7.1	6.1	5.3	4.6	3.9	3.6	3.2	3.2
51°	10.7	8.5	7.5	6.1	5.3	4.6	3.9	3.6	3.2	2.8	2.5
52°	8.9	7.1	6.1	5.0	4.3	3.9	3.2	2.8	2.5	2.5	2.5
53°	7.5	6.1	5.3	4.3	3.9	3.2	2.8	2.5	2.1	2.1	2.1
54°	6.1	5.0	4.3	3.6	3.2	2.8	2.5	2.1	2.1	1.8	1.8
55°	5.0	4.3	3.6	3.2	2.8	2.5	2.1	1.8	1.8	1.8	1.8
57.5°	3.2	2.8	2.5	2.1	1.8	1.8	1.4	1.4	1.4	1.4	1.4
60°	2.1	1.8	1.8	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
61°	1.8	1.8	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
62°	1.8	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
63°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
64°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
65°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
66°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4



TEST NUMBER: P175578

CATALOG NUMBER: LDA6A10840D010TE 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°	1.1	1.1	1.1	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
75°	1.1	1.1	1.1	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
77.5°	1.1	1.1	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
80°	1.1	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.8
82.5°	1.1	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.8
85°	1.1	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.8
87.5°	1.1	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
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: P175578

CATALOG NUMBER: LDA6A10840D010TE LAR35FL 6LAL1 30° Tilt

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
0°	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
2.5°	67.3	66.3	64.5	63.4	53.4	48.1	43.1	42.7
5°	68.7	65.9	63.0	60.6	44.2	36.7	31.7	31.0
7.5°	67.3	63.0	59.1	56.3	37.0	28.9	24.6	23.9
10°	63.4	58.8	54.1	50.6	31.7	24.6	20.7	19.9
12.5°	58.4	53.4	48.8	44.9	27.4	22.1	18.9	18.2
15°	52.7	47.7	43.8	40.2	25.3	20.3	18.2	17.5
17.5°	47.4	42.7	39.2	36.0	23.5	19.6	18.5	18.9
20°	42.0	38.5	35.3	32.8	24.2	23.2	26.7	29.9
22.5°	38.8	36.3	34.6	32.8	37.4	57.7	130.4	154.6
25°	40.6	40.2	41.3	43.8	76.6	96.9	85.5	86.6
26°	42.7	43.5	45.2	47.7	65.5	60.9	55.9	59.8
27°	41.3	41.7	41.3	41.0	43.1	42.7	44.9	48.8
28°	34.6	33.8	33.1	32.1	32.8	36.3	41.3	44.5
29°	29.9	29.2	28.1	27.1	28.5	35.3	39.9	42.0
30°	27.1	26.0	24.9	24.2	28.5	34.9	38.1	39.2
31°	25.3	24.6	23.9	23.9	28.9	33.1	34.9	35.3
32°	25.3	24.6	24.2	24.2	26.7	29.6	30.6	31.0
33°	24.6	23.9	22.8	22.4	23.5	25.6	26.7	26.7
34°	21.7	21.0	20.3	19.2	20.3	22.1	23.2	22.8
35°	18.9	18.2	17.5	16.7	17.5	19.2	19.6	19.2
36°	16.4	15.7	15.0	14.2	15.0	16.4	16.7	16.4
37°	14.6	13.9	13.2	12.5	12.5	14.2	14.6	13.9
38°	13.2	12.1	11.4	11.0	11.0	12.5	12.5	11.8
39°	11.8	11.0	10.3	9.6	9.6	10.7	10.7	10.0
40°	10.3	9.6	8.9	8.5	8.5	9.3	9.3	8.5
42.5°	7.5	7.1	6.8	6.4	6.4	7.1	6.8	6.1
45°	5.7	5.3	5.0	5.0	5.0	5.3	4.6	4.3
47.5°	3.9	3.9	3.6	3.6	3.6	3.9	3.6	3.2
50°	2.8	2.8	2.5	2.5	2.8	2.8	2.5	1.8
51°	2.5	2.5	2.5	2.1	2.5	2.5	2.1	1.8
52°	2.1	2.1	2.1	2.1	2.1	2.1	1.8	1.4
53°	1.8	1.8	1.8	1.8	1.8	1.8	1.4	1.1
54°	1.8	1.8	1.8	1.8	1.8	1.8	1.1	1.1
55°	1.8	1.8	1.8	1.8	1.8	1.4	1.1	0.7
57.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.1	0.7
60°	1.4	1.4	1.4	1.4	1.4	1.4	0.7	0.4
61°	1.4	1.4	1.4	1.4	1.8	1.4	0.7	0.4
62°	1.4	1.4	1.4	1.4	1.8	1.4	0.7	0.4
63°	1.4	1.4	1.4	1.4	1.8	1.4	0.7	0.4
64°	1.4	1.4	1.4	1.8	1.8	1.4	0.7	0.4
65°	1.4	1.4	1.8	1.8	1.8	1.4	0.7	0.4
66°	1.4	1.8	1.8	1.8	1.8	1.4	0.7	0.4



TEST NUMBER: P175578

CATALOG NUMBER: LDA6A10840D010TE LAR35FL 6LAL1 30° Tilt

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
72.5°	1.4	1.8	1.8	1.8	1.8	1.4	1.1	0.7
75°	1.4	1.8	1.8	1.8	1.8	1.4	1.1	0.7
77.5°	1.8	1.8	1.8	1.8	1.8	1.4	1.1	0.7
80°	1.8	1.8	1.8	1.8	1.8	1.4	1.1	0.7
82.5°	1.8	1.8	1.8	1.8	1.8	1.4	1.1	0.7
85°	1.8	1.8	1.8	1.8	1.8	1.4	1.1	0.7
87.5°	1.8	1.8	1.8	1.8	1.8	1.4	0.7	0.4
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°	2.8	2.5	2.5	2.5	2.5	2.1	2.1	2.1	1.8	1.8	1.4
70°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.7





67.5°	1.4	1.4	1.4	1.4	1.1	1.1	1.1	1.1	1.1	1.1	1.1
70°	0.7	0.7	0.7	0.7	0.7	0.7	1.1	1.1	1.1	1.1	1.1





67.5°	1.1	1.1	1.1	1.1	1.4	1.4	1.4	1.4	1.4	1.4	1.4
70°	1.1	1.1	1.1	1.1	1.4	1.4	1.4	1.4	1.4	1.4	1.4





67.5°	1.4	1.8	1.8	1.8	1.8	1.4	0.7	0.7
70°	1.4	1.4	1.8	1.8	1.8	1.4	1.1	0.7



(END OF REPORT)