

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: P175577

Luminaire Tested: **LDA6A10835D010TE LAR35FL 6LAL1 30° Tilt**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P175577
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: LDA6A10835D010TE 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 / 3500K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 864.4 lumens
Efficiency: N/A
Efficacy: 62.5 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

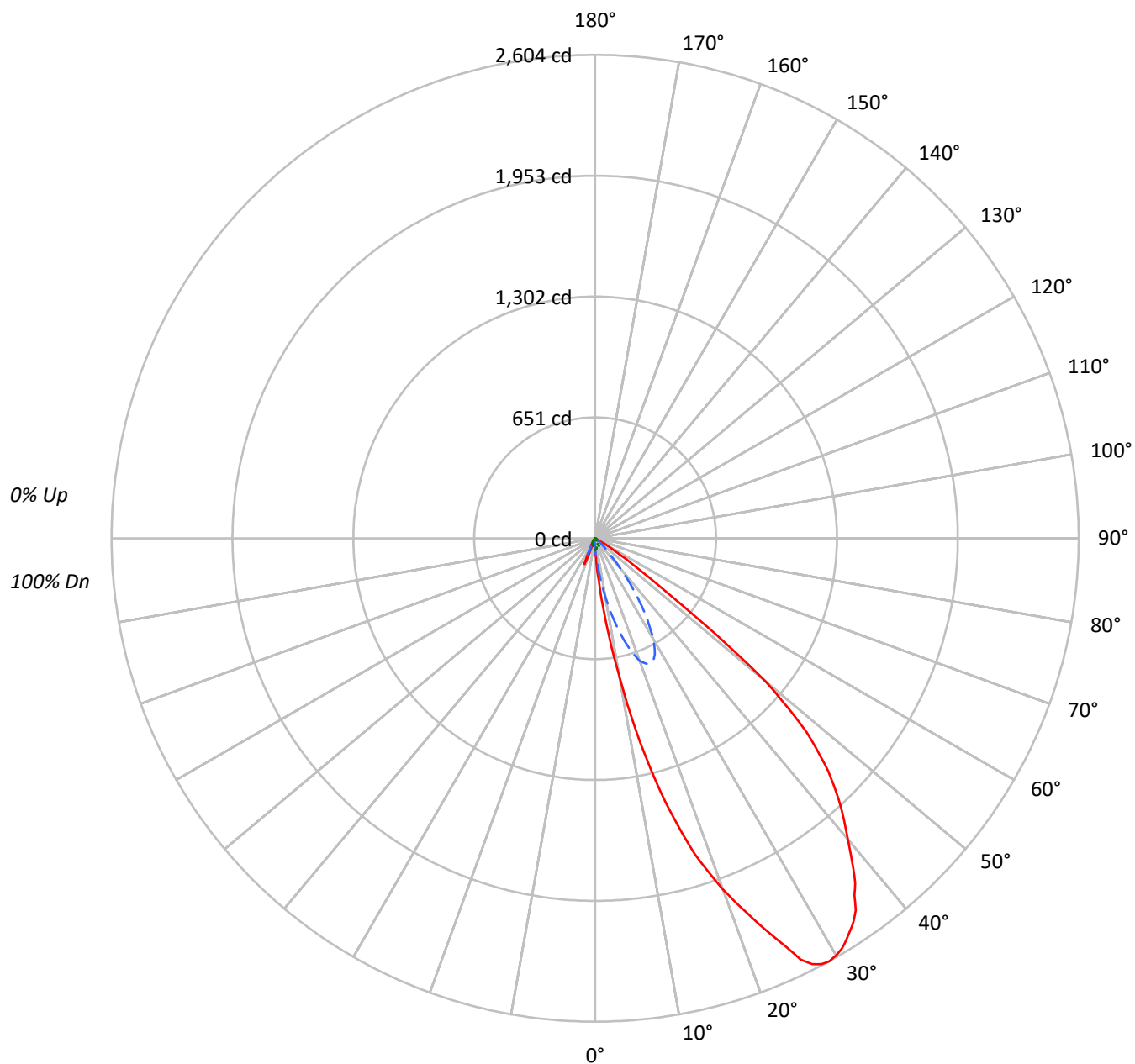
Input Watts (W): 13.84
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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°	3465	3465	3465
5°	13092	3247	1662
10°	42551	2744	1080
15°	84041	2225	965
20°	117383	1861	1703
25°	146603	2583	5105
30°	164234	1494	2418
35°	163734	1091	1258
40°	151577	594	594
45°	137658	380	326
50°	102095	205	145
55°	24926	162	67
60°	4419	153	33
65°	817	221	39
70°	160	272	112
75°	0	360	148
80°	0	537	221
85°	0	1069	440



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.1	1.4
10°-20°	97.5	11.3
20°-30°	236.7	27.4
30°-40°	279.5	32.3
40°-50°	198.2	22.9
50°-60°	36.0	4.2
60°-70°	2.3	0.3
70°-80°	1.2	0.1
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°	346.3	40.1
0°-40°	625.8	72.4
0°-60°	859.9	99.5
0°-90°	864.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	864.4	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	63	63	63	63	63	
5°	238	136	59	36	30	40
15°	1481	539	39	20	17	428
25°	2424	731	43	94	84	1115
35°	2447	419	16	19	19	1507
45°	1776	80	5	5	4	1333
55°	261	10	2	1	1	339
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°	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
2.5°	105.9	103.5	103.5	104.5	104.9	102.8	102.8	100.0	98.6	99.0	96.2
5°	237.9	242.7	233.0	234.4	233.4	226.8	224.0	214.6	208.4	205.2	195.2
7.5°	464.7	457.4	442.8	443.5	439.7	428.9	419.9	403.5	389.6	379.6	361.2
10°	764.4	766.4	743.2	741.1	732.1	711.6	691.4	659.8	631.4	609.1	575.1
12.5°	1131.1	1109.9	1101.6	1095.7	1081.1	1053.0	1021.7	977.9	934.5	897.4	844.9
15°	1480.8	1469.0	1456.5	1446.4	1428.0	1392.6	1353.4	1298.5	1241.9	1192.9	1126.6
17.5°	1782.9	1768.7	1753.8	1742.0	1709.7	1684.7	1631.9	1586.4	1521.8	1463.4	1383.6
20°	2012.1	2004.5	1987.1	1970.8	1936.4	1903.8	1848.9	1797.2	1725.6	1651.7	1575.3
22.5°	2215.0	2203.5	2181.6	2157.0	2113.9	2070.8	2007.6	1950.0	1871.8	1793.0	1710.7
25°	2423.7	2418.5	2385.1	2345.5	2284.8	2224.0	2145.2	2074.0	1985.7	1902.7	1806.9
26°	2524.7	2501.1	2467.1	2420.9	2349.4	2275.7	2190.3	2112.2	2018.0	1927.1	1831.2
27°	2575.1	2556.7	2526.8	2479.9	2405.3	2318.4	2224.3	2140.3	2040.6	1946.5	1847.2
28°	2598.4	2582.7	2558.1	2514.7	2442.1	2344.5	2245.5	2156.6	2052.8	1955.5	1853.1
29°	2603.6	2591.4	2569.9	2529.9	2461.9	2362.2	2256.6	2163.9	2058.0	1958.7	1854.5
30°	2594.5	2587.6	2570.9	2532.7	2467.1	2367.4	2258.7	2163.9	2056.6	1955.5	1848.9
31°	2579.6	2575.4	2561.5	2525.8	2461.9	2360.8	2250.7	2155.6	2047.6	1945.5	1836.4
32°	2551.5	2555.3	2543.8	2508.8	2445.5	2343.8	2235.1	2141.0	2032.6	1929.5	1817.3
33°	2521.6	2531.0	2520.6	2482.7	2417.4	2316.4	2211.8	2120.1	2011.4	1907.3	1792.3
34°	2489.0	2499.7	2486.5	2443.8	2376.4	2278.9	2180.2	2091.3	1983.3	1878.8	1759.7
35°	2446.6	2455.6	2438.3	2393.1	2324.3	2232.0	2141.0	2054.2	1947.5	1841.3	1719.4
36°	2375.4	2397.3	2379.2	2332.7	2265.3	2180.9	2096.5	2012.1	1906.6	1800.0	1675.3
37°	2327.5	2331.6	2313.9	2266.7	2204.5	2129.5	2049.6	1967.3	1863.2	1753.8	1627.0
38°	2258.4	2260.1	2242.4	2198.3	2144.5	2075.7	1999.3	1919.1	1814.9	1703.8	1573.2
39°	2186.1	2185.8	2169.8	2132.0	2084.0	2018.4	1944.4	1865.6	1760.0	1646.1	1510.3
40°	2118.1	2117.0	2103.1	2068.4	2021.9	1958.3	1885.7	1806.6	1698.9	1582.2	1440.9
42.5°	1956.9	1950.0	1936.1	1902.1	1857.6	1794.7	1719.0	1633.6	1519.4	1387.7	1228.0
45°	1775.6	1760.7	1746.1	1706.9	1656.9	1589.5	1504.4	1407.5	1279.7	1135.6	969.6
47.5°	1543.7	1523.5	1509.3	1464.5	1407.5	1331.8	1234.6	1129.0	994.3	839.7	670.3
50°	1197.1	1152.3	1137.3	1066.8	990.1	892.2	769.9	647.7	511.9	385.5	269.8
51°	950.9	900.8	886.3	814.0	739.7	649.4	538.3	434.8	329.2	243.1	180.6
52°	694.9	648.4	635.2	569.9	507.4	434.8	352.1	284.1	224.7	181.6	145.9
53°	479.6	449.4	437.6	393.8	352.5	306.0	255.9	214.6	176.4	145.9	119.1
54°	353.9	333.4	324.0	292.4	262.5	229.9	195.5	167.4	141.0	118.4	96.2
55°	260.8	245.5	238.9	217.1	197.6	175.4	152.5	132.3	111.8	93.1	72.9
57.5°	118.1	110.4	107.7	98.3	90.6	84.0	68.4	57.3	46.5	37.5	29.2
60°	40.3	37.2	36.1	32.6	30.6	28.5	24.0	20.5	17.7	15.3	12.8
61°	25.7	24.0	23.3	21.5	20.5	19.4	16.7	14.6	12.8	11.5	9.7
62°	17.4	16.3	16.0	14.9	14.2	13.9	12.2	10.8	9.4	8.3	7.3
63°	12.2	11.5	11.5	10.8	10.4	10.1	8.7	8.0	6.9	6.3	5.6
64°	8.7	8.3	8.0	7.6	7.3	7.3	6.3	5.9	5.2	4.9	4.2
65°	6.3	5.9	5.9	5.6	5.6	5.2	4.9	4.2	3.8	3.5	3.1
66°	4.5	4.2	4.2	4.2	3.8	3.8	3.5	3.1	2.8	2.8	2.4



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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°	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
2.5°	96.9	94.5	93.8	93.1	92.0	91.0	87.9	87.2	86.5	83.7	83.0
5°	192.4	182.7	176.4	169.8	162.9	154.9	142.0	136.1	129.9	119.1	113.9
7.5°	350.4	330.6	314.6	298.3	282.0	262.9	237.9	223.0	207.0	185.8	171.6
10°	549.4	512.9	481.7	451.5	422.3	389.0	356.3	323.7	295.9	262.9	236.2
12.5°	799.8	740.4	689.0	638.3	588.3	534.8	482.7	432.0	382.7	338.9	297.6
15°	1067.2	990.4	918.6	846.3	770.6	690.4	611.9	538.6	468.8	407.7	351.8
17.5°	1295.4	1208.2	1116.2	1026.2	929.7	822.0	725.8	631.4	541.8	462.9	391.0
20°	1480.1	1380.8	1271.7	1164.8	1046.7	931.4	816.1	703.6	590.0	493.8	407.0
22.5°	1612.4	1506.8	1387.7	1266.2	1131.4	998.4	864.7	732.4	604.6	495.6	399.0
25°	1701.3	1586.4	1457.2	1322.4	1172.1	1025.5	875.5	730.7	591.1	474.7	372.3
26°	1722.5	1604.8	1472.1	1332.2	1178.0	1027.6	870.3	721.0	578.2	459.5	356.0
27°	1736.1	1614.9	1478.7	1334.6	1177.6	1030.0	858.5	705.7	560.2	440.7	337.2
28°	1740.9	1617.3	1478.4	1329.7	1169.6	1006.1	840.1	683.8	540.4	418.1	315.7
29°	1740.2	1614.2	1471.4	1317.9	1154.7	985.9	814.7	656.7	513.3	392.8	292.4
30°	1733.3	1603.7	1457.2	1298.1	1132.1	957.8	782.1	624.1	483.4	365.0	267.1
31°	1719.0	1586.0	1434.3	1269.0	1100.9	922.0	743.9	587.3	450.4	335.1	241.0
32°	1697.5	1560.7	1403.4	1232.8	1062.7	880.4	700.8	542.1	415.3	304.6	218.4
33°	1669.7	1528.4	1366.2	1190.5	1019.6	832.4	653.2	510.5	379.6	273.7	188.9
34°	1634.3	1489.1	1321.1	1141.5	969.6	779.3	603.9	462.2	343.5	242.4	166.7
35°	1591.9	1441.9	1269.7	1087.3	914.0	721.6	559.1	419.2	306.6	211.1	141.7
36°	1544.4	1389.5	1212.0	1029.0	853.3	663.0	508.1	376.1	270.2	180.6	119.5
37°	1492.3	1331.8	1150.9	965.1	788.0	602.2	457.0	333.7	234.4	151.4	101.8
38°	1433.6	1267.2	1083.2	894.6	718.2	541.8	406.7	291.4	198.6	125.4	88.9
39°	1365.5	1193.6	1009.5	816.8	646.6	481.0	357.0	249.7	165.0	104.5	79.2
40°	1289.8	1115.5	929.0	734.5	574.4	421.9	308.4	209.4	134.7	90.3	70.8
42.5°	1067.5	886.6	699.4	540.0	406.3	286.9	197.6	125.4	87.2	67.0	52.1
45°	805.0	635.5	483.1	363.6	264.3	171.9	112.5	79.9	61.8	46.5	36.5
47.5°	526.8	395.9	281.6	195.5	132.3	88.2	68.8	52.1	40.3	30.9	24.7
50°	198.6	146.6	113.9	91.0	71.9	54.5	43.1	33.0	25.4	19.4	15.6
51°	146.9	118.4	93.4	74.7	59.4	45.1	35.1	26.0	20.1	15.6	12.8
52°	120.5	97.2	76.7	61.1	48.3	35.1	27.1	20.5	16.3	12.8	10.4
53°	98.6	79.2	61.8	48.3	36.8	26.7	20.8	16.3	13.2	10.4	8.7
54°	78.5	61.5	46.2	35.4	27.4	20.1	16.3	12.8	10.4	8.7	7.3
55°	58.3	44.5	33.0	26.0	20.5	15.6	12.8	10.4	8.7	6.9	5.9
57.5°	24.0	19.1	15.6	12.8	10.8	8.7	7.3	6.3	5.2	4.2	3.5
60°	11.1	9.4	8.3	6.9	5.9	4.9	4.2	3.8	3.1	2.8	2.4
61°	8.7	7.3	6.3	5.6	4.9	3.8	3.5	3.1	2.8	2.4	2.1
62°	6.6	5.6	4.9	4.2	3.8	3.1	2.8	2.4	2.1	2.1	1.7
63°	4.9	4.2	3.8	3.5	3.1	2.8	2.4	2.1	2.1	1.7	1.7
64°	3.8	3.5	3.1	2.8	2.4	2.1	2.1	1.7	1.7	1.4	1.4
65°	2.8	2.8	2.4	2.1	2.1	1.7	1.7	1.7	1.4	1.4	1.4
66°	2.4	2.1	1.7	1.7	1.7	1.4	1.4	1.4	1.4	1.4	1.4



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CATALOG NUMBER: LDA6A10835D010TE 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	1.0	1.0	1.0	1.0	1.0
75°	0.7	0.7	0.7	0.7	0.7	0.7	1.0	1.0	1.0	1.0	1.0
77.5°	0.7	0.7	0.7	0.7	0.7	0.7	1.0	1.0	1.0	1.0	1.0
80°	0.7	0.7	0.7	0.7	0.7	0.7	1.0	1.0	1.0	1.0	1.0
82.5°	0.7	0.7	0.7	0.7	0.7	1.0	1.0	1.0	1.0	1.0	1.0
85°	0.7	0.7	0.7	0.7	0.7	1.0	1.0	1.0	1.0	1.0	1.0
87.5°	0.7	0.7	0.7	0.7	0.7	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



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CATALOG NUMBER: LDA6A10835D010TE LAR35FL 6LAL1 30° Tilt

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
2.5°	81.3	80.9	78.5	77.4	76.1	74.3	72.9	71.9	70.2	68.8	67.4
5°	106.6	102.8	96.5	92.4	88.6	84.7	81.6	78.8	75.7	72.9	70.2
7.5°	153.8	141.0	125.4	113.6	103.8	95.2	88.9	83.7	78.8	74.7	69.8
10°	206.6	183.0	159.1	136.5	118.8	103.8	93.4	85.4	78.8	73.3	67.0
12.5°	255.3	220.5	185.4	155.2	129.2	108.7	94.5	84.4	76.7	69.8	62.5
15°	296.6	250.0	205.6	166.7	134.4	109.0	92.7	81.6	72.9	64.6	57.3
17.5°	322.6	263.6	211.1	166.3	130.9	103.5	87.2	76.4	66.7	58.3	51.4
20°	328.2	260.5	203.2	154.2	118.8	93.1	79.5	68.4	58.7	51.4	45.5
22.5°	314.3	242.7	182.0	133.4	101.8	82.3	70.8	60.1	52.1	46.2	41.3
25°	284.4	211.8	152.8	109.4	87.2	72.6	62.2	53.5	47.6	43.8	41.0
26°	268.8	196.6	139.6	100.7	82.3	69.1	59.4	51.7	46.9	44.1	42.0
27°	250.7	180.2	126.4	93.1	77.8	64.6	55.9	49.0	44.5	42.0	40.6
28°	230.9	162.9	113.9	86.1	72.2	59.0	51.1	44.5	39.9	37.2	34.7
29°	210.1	145.5	102.4	79.9	66.7	54.2	46.5	40.3	35.8	33.0	30.6
30°	188.2	128.8	92.7	74.3	61.1	49.7	42.7	36.8	32.6	29.9	27.4
31°	167.0	113.6	85.8	68.4	56.3	45.8	39.6	34.7	30.6	27.8	26.0
32°	145.9	100.7	79.2	62.9	51.7	43.1	36.8	32.6	29.2	26.7	25.4
33°	126.8	89.9	73.3	57.6	47.9	40.3	35.1	31.3	28.1	26.0	24.7
34°	109.7	82.7	66.7	52.4	44.1	37.2	32.3	28.8	25.7	24.0	22.2
35°	95.8	75.0	60.1	47.2	39.6	33.3	29.2	25.7	22.9	21.2	19.4
36°	85.1	67.4	53.5	42.0	35.4	30.2	26.0	22.9	20.5	18.8	17.4
37°	76.7	60.4	47.9	37.9	32.3	27.1	23.6	20.8	18.4	16.7	15.3
38°	69.1	53.8	43.1	34.4	29.2	24.7	21.2	19.1	16.7	14.9	13.5
39°	61.5	47.2	38.5	31.3	26.7	22.6	19.4	17.4	14.9	13.5	12.2
40°	54.5	42.4	34.7	28.1	24.3	20.1	17.7	15.6	13.5	12.2	10.8
42.5°	40.3	31.6	26.4	21.5	18.4	15.6	13.5	11.5	10.1	9.0	8.0
45°	28.8	22.9	19.1	15.6	13.2	11.1	9.4	8.3	7.3	6.6	5.9
47.5°	19.4	15.6	13.2	10.4	9.0	7.6	6.6	5.9	5.2	4.5	4.2
50°	12.5	10.1	8.7	6.9	5.9	5.2	4.5	3.8	3.5	3.1	3.1
51°	10.4	8.3	7.3	5.9	5.2	4.5	3.8	3.5	3.1	2.8	2.4
52°	8.7	6.9	5.9	4.9	4.2	3.8	3.1	2.8	2.4	2.4	2.4
53°	7.3	5.9	5.2	4.2	3.8	3.1	2.8	2.4	2.1	2.1	2.1
54°	5.9	4.9	4.2	3.5	3.1	2.8	2.4	2.1	2.1	1.7	1.7
55°	4.9	4.2	3.5	3.1	2.8	2.4	2.1	1.7	1.7	1.7	1.7
57.5°	3.1	2.8	2.4	2.1	1.7	1.7	1.4	1.4	1.4	1.4	1.4
60°	2.1	1.7	1.7	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
61°	1.7	1.7	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
62°	1.7	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: P175577

CATALOG NUMBER: LDA6A10835D010TE 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°	1.0	1.0	1.0	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
75°	1.0	1.0	1.0	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
77.5°	1.0	1.0	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
80°	1.0	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.7
82.5°	1.0	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.7
85°	1.0	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.7
87.5°	1.0	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: P175577

CATALOG NUMBER: LDA6A10835D010TE LAR35FL 6LAL1 30° Tilt

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
0°	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
2.5°	65.6	64.6	62.9	61.8	52.1	46.9	42.0	41.7
5°	67.0	64.2	61.5	59.0	43.1	35.8	30.9	30.2
7.5°	65.6	61.5	57.6	54.9	36.1	28.1	24.0	23.3
10°	61.8	57.3	52.8	49.3	30.9	24.0	20.1	19.4
12.5°	57.0	52.1	47.6	43.8	26.7	21.5	18.4	17.7
15°	51.4	46.5	42.7	39.2	24.7	19.8	17.7	17.0
17.5°	46.2	41.7	38.2	35.1	22.9	19.1	18.1	18.4
20°	41.0	37.5	34.4	31.9	23.6	22.6	26.0	29.2
22.5°	37.9	35.4	33.7	31.9	36.5	56.3	127.1	150.7
25°	39.6	39.2	40.3	42.7	74.7	94.5	83.3	84.4
26°	41.7	42.4	44.1	46.5	63.9	59.4	54.5	58.3
27°	40.3	40.6	40.3	39.9	42.0	41.7	43.8	47.6
28°	33.7	33.0	32.3	31.3	31.9	35.4	40.3	43.4
29°	29.2	28.5	27.4	26.4	27.8	34.4	38.9	41.0
30°	26.4	25.4	24.3	23.6	27.8	34.0	37.2	38.2
31°	24.7	24.0	23.3	23.3	28.1	32.3	34.0	34.4
32°	24.7	24.0	23.6	23.6	26.0	28.8	29.9	30.2
33°	24.0	23.3	22.2	21.9	22.9	25.0	26.0	26.0
34°	21.2	20.5	19.8	18.8	19.8	21.5	22.6	22.2
35°	18.4	17.7	17.0	16.3	17.0	18.8	19.1	18.8
36°	16.0	15.3	14.6	13.9	14.6	16.0	16.3	16.0
37°	14.2	13.5	12.8	12.2	12.2	13.9	14.2	13.5
38°	12.8	11.8	11.1	10.8	10.8	12.2	12.2	11.5
39°	11.5	10.8	10.1	9.4	9.4	10.4	10.4	9.7
40°	10.1	9.4	8.7	8.3	8.3	9.0	9.0	8.3
42.5°	7.3	6.9	6.6	6.3	6.3	6.9	6.6	5.9
45°	5.6	5.2	4.9	4.9	4.9	5.2	4.5	4.2
47.5°	3.8	3.8	3.5	3.5	3.5	3.8	3.5	3.1
50°	2.8	2.8	2.4	2.4	2.8	2.8	2.4	1.7
51°	2.4	2.4	2.4	2.1	2.4	2.4	2.1	1.7
52°	2.1	2.1	2.1	2.1	2.1	2.1	1.7	1.4
53°	1.7	1.7	1.7	1.7	1.7	1.7	1.4	1.0
54°	1.7	1.7	1.7	1.7	1.7	1.7	1.0	1.0
55°	1.7	1.7	1.7	1.7	1.7	1.4	1.0	0.7
57.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.0	0.7
60°	1.4	1.4	1.4	1.4	1.4	1.4	0.7	0.3
61°	1.4	1.4	1.4	1.4	1.7	1.4	0.7	0.3
62°	1.4	1.4	1.4	1.4	1.7	1.4	0.7	0.3
63°	1.4	1.4	1.4	1.4	1.7	1.4	0.7	0.3
64°	1.4	1.4	1.4	1.7	1.7	1.4	0.7	0.3
65°	1.4	1.4	1.7	1.7	1.7	1.4	0.7	0.3
66°	1.4	1.7	1.7	1.7	1.7	1.4	0.7	0.3



TEST NUMBER: P175577

CATALOG NUMBER: LDA6A10835D010TE LAR35FL 6LAL1 30° Tilt

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
72.5°	1.4	1.7	1.7	1.7	1.7	1.4	1.0	0.7
75°	1.4	1.7	1.7	1.7	1.7	1.4	1.0	0.7
77.5°	1.7	1.7	1.7	1.7	1.7	1.4	1.0	0.7
80°	1.7	1.7	1.7	1.7	1.7	1.4	1.0	0.7
82.5°	1.7	1.7	1.7	1.7	1.7	1.4	1.0	0.7
85°	1.7	1.7	1.7	1.7	1.7	1.4	1.0	0.7
87.5°	1.7	1.7	1.7	1.7	1.7	1.4	0.7	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°	2.8	2.4	2.4	2.4	2.4	2.1	2.1	2.1	1.7	1.7	1.4
70°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7





67.5°	1.4	1.4	1.4	1.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0
70°	0.7	0.7	0.7	0.7	0.7	0.7	1.0	1.0	1.0	1.0	1.0





67.5°	1.0	1.0	1.0	1.0	1.4	1.4	1.4	1.4	1.4	1.4	1.4
70°	1.0	1.0	1.0	1.0	1.4	1.4	1.4	1.4	1.4	1.4	1.4





67.5°	1.4	1.7	1.7	1.7	1.7	1.4	0.7	0.7
70°	1.4	1.4	1.7	1.7	1.7	1.4	1.0	0.7



(END OF REPORT)