

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: P175573

Luminaire Tested: **LDA6A20935D010TE LAR35FL 6LAL1 30° Tilt**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P175573
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: LDA6A20935D010TE 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 / 3500K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1303.0 lumens
Efficiency: N/A
Efficacy: 44.7 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

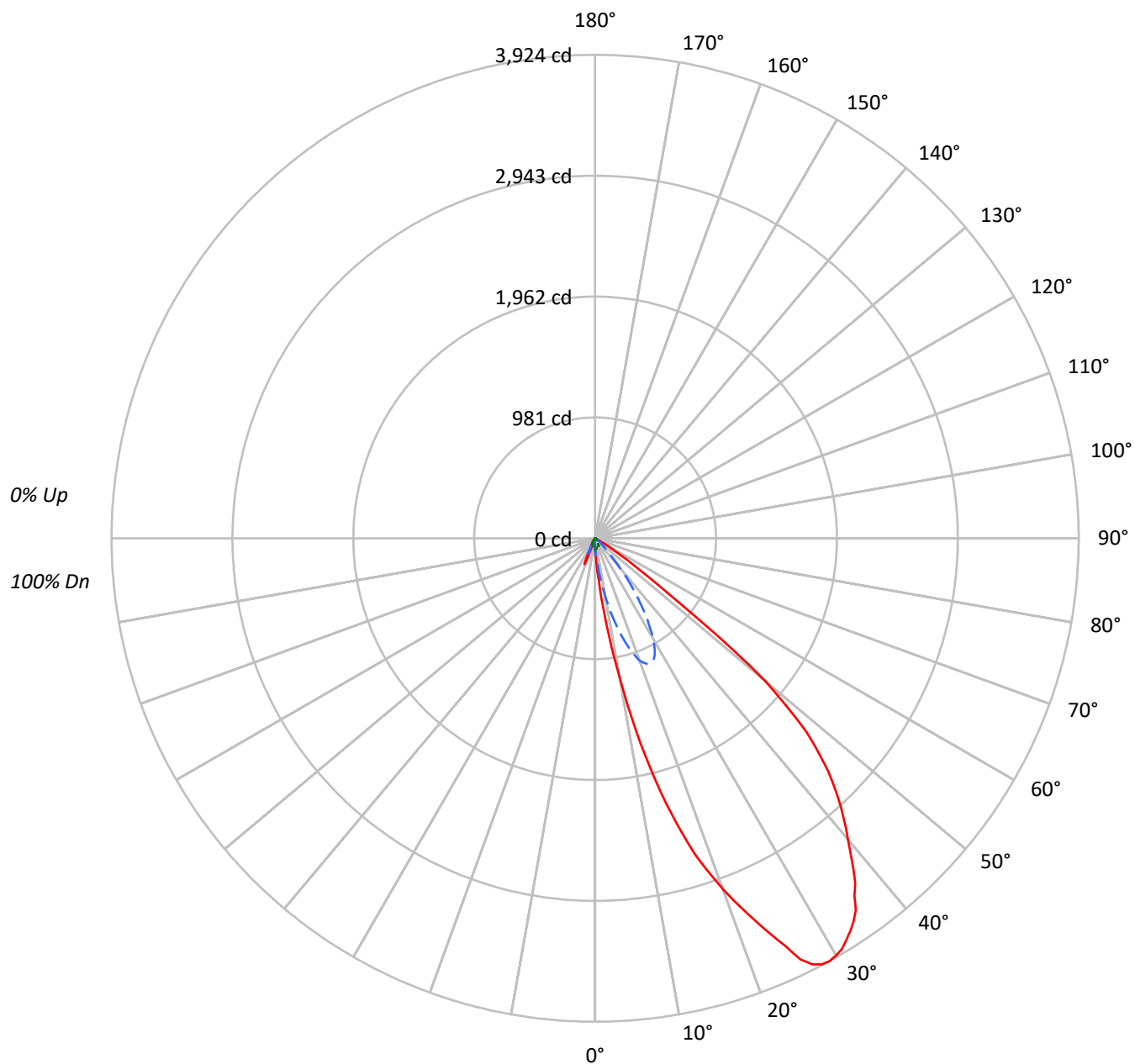
Input Watts (W): 29.12
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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°	5224	5224	5224
5°	19734	4898	2504
10°	64133	4136	1631
15°	126669	3354	1453
20°	176929	2812	2567
25°	220966	3895	7694
30°	247544	2254	3646
35°	246786	1646	1894
40°	228457	902	902
45°	207487	566	488
50°	153880	316	222
55°	37571	248	96
60°	6655	230	55
65°	1219	337	65
70°	256	417	160
75°	0	551	212
80°	0	821	316
85°	0	1635	629



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.2	1.4
10°-20°	147.0	11.3
20°-30°	356.8	27.4
30°-40°	421.2	32.3
40°-50°	298.8	22.9
50°-60°	54.2	4.2
60°-70°	3.4	0.3
70°-80°	1.8	0.1
80°-90°	1.6	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°	522.0	40.1
0°-40°	943.2	72.4
0°-60°	1296.1	99.5
0°-90°	1303.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1303.0	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	95	95	95	95	95	
5°	359	205	89	54	46	60
15°	2232	812	59	30	26	645
25°	3653	1101	64	142	127	1681
35°	3688	632	25	28	28	2272
45°	2676	120	7	8	6	2009
55°	393	16	3	2	1	510
65°	9	3	3	2	0	15
75°	0	2	3	2	1	0
85°	0	2	3	2	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°	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
2.5°	159.6	156.0	156.0	157.6	158.1	154.9	154.9	150.7	148.7	149.2	145.0
5°	358.6	365.9	351.2	353.3	351.7	341.8	337.6	323.5	314.1	309.4	294.2
7.5°	700.4	689.4	667.4	668.4	662.7	646.4	632.8	608.2	587.3	572.1	544.4
10°	1152.1	1155.2	1120.2	1117.0	1103.4	1072.5	1042.2	994.5	951.6	918.1	866.8
12.5°	1704.8	1672.9	1660.3	1651.4	1629.5	1587.1	1539.9	1474.0	1408.6	1352.6	1273.5
15°	2231.9	2214.1	2195.3	2180.1	2152.4	2099.0	2039.8	1957.1	1871.8	1798.0	1698.0
17.5°	2687.3	2665.9	2643.4	2625.6	2576.9	2539.2	2459.6	2391.1	2293.7	2205.8	2085.4
20°	3032.8	3021.3	2995.1	2970.5	2918.7	2869.5	2786.8	2708.8	2601.0	2489.5	2374.3
22.5°	3338.5	3321.2	3288.2	3251.1	3186.2	3121.3	3026.0	2939.1	2821.3	2702.5	2578.4
25°	3653.1	3645.2	3595.0	3535.3	3443.7	3352.1	3233.3	3126.0	2993.0	2867.9	2723.4
26°	3805.4	3769.8	3718.5	3648.9	3541.0	3430.1	3301.3	3183.5	3041.7	2904.5	2760.1
27°	3881.3	3853.5	3808.5	3737.9	3625.3	3494.5	3352.6	3225.9	3075.7	2933.9	2784.2
28°	3916.4	3892.8	3855.6	3790.2	3680.8	3533.7	3384.5	3250.5	3094.0	2947.5	2793.1
29°	3924.2	3905.9	3873.4	3813.2	3710.6	3560.4	3401.3	3261.5	3101.9	2952.2	2795.1
30°	3910.6	3900.1	3875.0	3817.4	3718.5	3568.3	3404.4	3261.5	3099.8	2947.5	2786.8
31°	3888.1	3881.8	3860.9	3807.0	3710.6	3558.3	3392.4	3249.0	3086.2	2932.3	2767.9
32°	3845.7	3851.4	3834.2	3781.3	3686.0	3532.7	3368.8	3227.0	3063.7	2908.2	2739.1
33°	3800.7	3814.8	3799.1	3742.0	3643.6	3491.3	3333.8	3195.6	3031.7	2874.7	2701.5
34°	3751.5	3767.7	3747.8	3683.4	3581.9	3434.8	3286.1	3152.1	2989.3	2831.8	2652.3
35°	3687.6	3701.2	3675.0	3607.0	3503.4	3364.1	3227.0	3096.1	2935.4	2775.3	2591.5
36°	3580.3	3613.3	3586.1	3515.9	3414.4	3287.2	3160.0	3032.8	2873.7	2713.0	2525.1
37°	3508.1	3514.4	3487.7	3416.5	3322.8	3209.7	3089.3	2965.3	2808.2	2643.4	2452.3
38°	3403.9	3406.5	3379.8	3313.4	3232.2	3128.6	3013.4	2892.5	2735.5	2568.0	2371.2
39°	3295.0	3294.5	3270.4	3213.4	3141.1	3042.2	2930.7	2811.9	2652.8	2481.1	2276.4
40°	3192.4	3190.9	3169.9	3117.6	3047.4	2951.7	2842.3	2722.9	2560.7	2384.8	2171.7
42.5°	2949.6	2939.1	2918.2	2866.9	2799.9	2705.1	2591.0	2462.2	2290.0	2091.7	1850.9
45°	2676.3	2653.8	2631.8	2572.7	2497.3	2395.8	2267.5	2121.5	1928.9	1711.6	1461.4
47.5°	2326.7	2296.3	2274.9	2207.3	2121.5	2007.4	1860.8	1701.7	1498.6	1265.7	1010.2
50°	1804.3	1736.8	1714.3	1608.0	1492.3	1344.7	1160.5	976.2	771.5	581.0	406.7
51°	1433.2	1357.8	1335.8	1226.9	1114.9	978.8	811.3	655.3	496.2	366.4	272.2
52°	1047.4	977.3	957.4	859.0	764.7	655.3	530.8	428.2	338.7	273.8	219.8
53°	722.9	677.3	659.5	593.6	531.3	461.1	385.8	323.5	265.9	219.8	179.5
54°	533.4	502.5	488.4	440.7	395.7	346.5	294.7	252.3	212.5	178.5	145.0
55°	393.1	370.1	360.1	327.1	297.8	264.3	229.8	199.4	168.5	140.3	109.9
57.5°	178.0	166.5	162.3	148.1	136.6	126.7	103.1	86.4	70.1	56.5	44.0
60°	60.7	56.0	54.4	49.2	46.1	42.9	36.1	30.9	26.7	23.0	19.4
61°	38.7	36.1	35.1	32.5	30.9	29.3	25.1	22.0	19.4	17.3	14.7
62°	26.2	24.6	24.1	22.5	21.5	20.9	18.3	16.2	14.1	12.6	11.0
63°	18.3	17.3	17.3	16.2	15.7	15.2	13.1	12.0	10.5	9.4	8.4
64°	13.1	12.6	12.0	11.5	11.0	11.0	9.4	8.9	7.9	7.3	6.3
65°	9.4	8.9	8.9	8.4	8.4	7.9	7.3	6.3	5.8	5.2	4.7
66°	6.8	6.3	6.3	6.3	5.8	5.8	5.2	4.7	4.2	4.2	3.7



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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°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
75°	0.0	0.0	0.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
77.5°	0.0	0.0	0.0	0.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5
80°	0.0	0.0	0.0	0.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5
82.5°	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.5	0.5	0.5	0.5
85°	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.5	0.5	0.5	0.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.5	0.5	0.5	0.5
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°	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
2.5°	146.0	142.4	141.3	140.3	138.7	137.1	132.4	131.4	130.3	126.1	125.1
5°	290.0	275.3	265.9	256.0	245.5	233.5	214.1	205.2	195.8	179.5	171.7
7.5°	528.1	498.3	474.2	449.6	425.0	396.2	358.6	336.0	312.0	280.0	258.6
10°	828.1	773.1	726.0	680.5	636.5	586.2	537.0	487.8	446.0	396.2	355.9
12.5°	1205.5	1116.0	1038.5	962.1	886.7	806.1	727.6	651.2	576.8	510.9	448.6
15°	1608.5	1492.8	1384.5	1275.6	1161.5	1040.6	922.3	811.8	706.6	614.5	530.2
17.5°	1952.4	1821.0	1682.3	1546.8	1401.2	1239.0	1094.0	951.6	816.6	697.7	589.4
20°	2230.9	2081.2	1916.8	1755.6	1577.6	1403.9	1230.1	1060.5	889.3	744.3	613.5
22.5°	2430.3	2271.2	2091.7	1908.4	1705.4	1504.9	1303.4	1103.9	911.3	746.9	601.4
25°	2564.3	2391.1	2196.3	1993.2	1766.6	1545.7	1319.6	1101.3	890.9	715.5	561.1
26°	2596.2	2418.8	2218.8	2007.9	1775.5	1548.8	1311.7	1086.7	871.5	692.5	536.5
27°	2616.7	2434.0	2228.8	2011.6	1775.0	1552.5	1293.9	1063.6	844.3	664.2	508.3
28°	2624.0	2437.6	2228.3	2004.2	1762.9	1516.4	1266.2	1030.6	814.5	630.2	475.8
29°	2622.9	2432.9	2217.8	1986.4	1740.4	1486.0	1228.0	989.8	773.6	592.0	440.7
30°	2612.5	2417.2	2196.3	1956.6	1706.4	1443.6	1178.8	940.6	728.6	550.1	402.5
31°	2591.0	2390.5	2161.8	1912.6	1659.3	1389.7	1121.2	885.1	678.9	505.1	363.3
32°	2558.6	2352.3	2115.2	1858.2	1601.7	1326.9	1056.3	817.1	626.0	459.1	329.2
33°	2516.7	2303.6	2059.2	1794.3	1536.8	1254.7	984.6	769.5	572.1	412.5	284.7
34°	2463.3	2244.5	1991.2	1720.5	1461.4	1174.6	910.3	696.7	517.7	365.4	251.2
35°	2399.4	2173.3	1913.7	1638.9	1377.7	1087.7	842.7	631.8	462.2	318.2	213.6
36°	2327.7	2094.3	1826.8	1550.9	1286.1	999.2	765.8	566.9	407.2	272.2	180.1
37°	2249.2	2007.4	1734.7	1454.6	1187.7	907.6	688.8	503.0	353.3	228.2	153.4
38°	2160.7	1910.0	1632.6	1348.4	1082.5	816.6	612.9	439.2	299.4	189.0	134.0
39°	2058.2	1799.1	1521.6	1231.1	974.6	725.0	538.1	376.4	248.6	157.6	119.3
40°	1944.0	1681.3	1400.2	1107.1	865.8	636.0	464.8	315.6	203.1	136.1	106.8
42.5°	1609.0	1336.3	1054.2	813.9	612.4	432.4	297.8	189.0	131.4	101.0	78.5
45°	1213.3	957.9	728.1	548.0	398.3	259.1	169.6	120.4	93.2	70.1	55.0
47.5°	794.1	596.7	424.5	294.7	199.4	133.0	103.6	78.5	60.7	46.6	37.2
50°	299.4	220.9	171.7	137.1	108.4	82.2	64.9	49.7	38.2	29.3	23.6
51°	221.4	178.5	140.8	112.5	89.5	68.0	52.9	39.3	30.4	23.6	19.4
52°	181.6	146.6	115.7	92.1	72.8	52.9	40.8	30.9	24.6	19.4	15.7
53°	148.7	119.3	93.2	72.8	55.5	40.3	31.4	24.6	19.9	15.7	13.1
54°	118.3	92.6	69.6	53.4	41.4	30.4	24.6	19.4	15.7	13.1	11.0
55°	87.9	67.0	49.7	39.3	30.9	23.6	19.4	15.7	13.1	10.5	8.9
57.5°	36.1	28.8	23.6	19.4	16.2	13.1	11.0	9.4	7.9	6.3	5.2
60°	16.7	14.1	12.6	10.5	8.9	7.3	6.3	5.8	4.7	4.2	3.7
61°	13.1	11.0	9.4	8.4	7.3	5.8	5.2	4.7	4.2	3.7	3.1
62°	9.9	8.4	7.3	6.3	5.8	4.7	4.2	3.7	3.1	3.1	2.6
63°	7.3	6.3	5.8	5.2	4.7	4.2	3.7	3.1	3.1	2.6	2.6
64°	5.8	5.2	4.7	4.2	3.7	3.1	3.1	2.6	2.6	2.1	2.1
65°	4.2	4.2	3.7	3.1	3.1	2.6	2.6	2.6	2.1	2.1	2.1
66°	3.7	3.1	2.6	2.6	2.6	2.1	2.1	2.1	2.1	2.1	2.1



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CATALOG NUMBER: LDA6A20935D010TE 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°	1.0	1.0	1.0	1.0	1.0	1.0	1.6	1.6	1.6	1.6	1.6
75°	1.0	1.0	1.0	1.0	1.0	1.0	1.6	1.6	1.6	1.6	1.6
77.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.6	1.6	1.6	1.6	1.6
80°	1.0	1.0	1.0	1.0	1.0	1.0	1.6	1.6	1.6	1.6	1.6
82.5°	1.0	1.0	1.0	1.0	1.0	1.6	1.6	1.6	1.6	1.6	1.6
85°	1.0	1.0	1.0	1.0	1.0	1.6	1.6	1.6	1.6	1.6	1.6
87.5°	1.0	1.0	1.0	1.0	1.0	1.6	1.6	1.6	1.6	1.6	1.6
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°	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
2.5°	122.5	122.0	118.3	116.7	114.6	112.0	109.9	108.4	105.7	103.6	101.5
5°	160.7	154.9	145.5	139.2	133.5	127.7	123.0	118.8	114.1	109.9	105.7
7.5°	231.9	212.5	189.0	171.2	156.5	143.4	134.0	126.1	118.8	112.5	105.2
10°	311.4	275.9	239.7	205.7	179.0	156.5	140.8	128.8	118.8	110.4	101.0
12.5°	384.7	332.4	279.5	234.0	194.7	163.8	142.4	127.2	115.7	105.2	94.2
15°	447.0	376.9	309.9	251.2	202.6	164.4	139.8	123.0	109.9	97.4	86.4
17.5°	486.3	397.3	318.2	250.7	197.3	156.0	131.4	115.2	100.5	87.9	77.5
20°	494.6	392.6	306.2	232.4	179.0	140.3	119.9	103.1	88.5	77.5	68.6
22.5°	473.7	365.9	274.3	201.0	153.4	124.1	106.8	90.6	78.5	69.6	62.3
25°	428.7	319.3	230.3	164.9	131.4	109.4	93.7	80.6	71.7	66.0	61.8
26°	405.1	296.3	210.4	151.8	124.1	104.2	89.5	78.0	70.7	66.5	63.3
27°	377.9	271.7	190.5	140.3	117.2	97.4	84.3	73.8	67.0	63.3	61.2
28°	348.1	245.5	171.7	129.8	108.9	89.0	76.9	67.0	60.2	56.0	52.3
29°	316.7	219.3	154.4	120.4	100.5	81.7	70.1	60.7	53.9	49.7	46.1
30°	283.7	194.2	139.8	112.0	92.1	74.9	64.4	55.5	49.2	45.0	41.4
31°	251.8	171.2	129.3	103.1	84.8	69.1	59.7	52.3	46.1	41.9	39.3
32°	219.8	151.8	119.3	94.7	78.0	64.9	55.5	49.2	44.0	40.3	38.2
33°	191.1	135.6	110.4	86.9	72.2	60.7	52.9	47.1	42.4	39.3	37.2
34°	165.4	124.6	100.5	79.0	66.5	56.0	48.7	43.4	38.7	36.1	33.5
35°	144.5	113.1	90.6	71.2	59.7	50.2	44.0	38.7	34.5	31.9	29.3
36°	128.2	101.5	80.6	63.3	53.4	45.5	39.3	34.5	30.9	28.3	26.2
37°	115.7	91.1	72.2	57.1	48.7	40.8	35.6	31.4	27.7	25.1	23.0
38°	104.2	81.1	64.9	51.8	44.0	37.2	31.9	28.8	25.1	22.5	20.4
39°	92.6	71.2	58.1	47.1	40.3	34.0	29.3	26.2	22.5	20.4	18.3
40°	82.2	63.9	52.3	42.4	36.6	30.4	26.7	23.6	20.4	18.3	16.2
42.5°	60.7	47.6	39.8	32.5	27.7	23.6	20.4	17.3	15.2	13.6	12.0
45°	43.4	34.5	28.8	23.6	19.9	16.7	14.1	12.6	11.0	9.9	8.9
47.5°	29.3	23.6	19.9	15.7	13.6	11.5	9.9	8.9	7.9	6.8	6.3
50°	18.8	15.2	13.1	10.5	8.9	7.9	6.8	5.8	5.2	4.7	4.7
51°	15.7	12.6	11.0	8.9	7.9	6.8	5.8	5.2	4.7	4.2	3.7
52°	13.1	10.5	8.9	7.3	6.3	5.8	4.7	4.2	3.7	3.7	3.7
53°	11.0	8.9	7.9	6.3	5.8	4.7	4.2	3.7	3.1	3.1	3.1
54°	8.9	7.3	6.3	5.2	4.7	4.2	3.7	3.1	3.1	2.6	2.6
55°	7.3	6.3	5.2	4.7	4.2	3.7	3.1	2.6	2.6	2.6	2.6
57.5°	4.7	4.2	3.7	3.1	2.6	2.6	2.1	2.1	2.1	2.1	2.1
60°	3.1	2.6	2.6	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
61°	2.6	2.6	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
62°	2.6	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
63°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
64°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
65°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
66°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1



TEST NUMBER: P175573

CATALOG NUMBER: LDA6A20935D010TE 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°	1.6	1.6	1.6	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
75°	1.6	1.6	1.6	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
77.5°	1.6	1.6	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
80°	1.6	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.6
82.5°	1.6	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.6
85°	1.6	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.6
87.5°	1.6	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
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: P175573

CATALOG NUMBER: LDA6A20935D010TE LAR35FL 6LAL1 30° Tilt

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
0°	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
2.5°	98.9	97.4	94.7	93.2	78.5	70.7	63.3	62.8
5°	101.0	96.8	92.6	89.0	64.9	53.9	46.6	45.5
7.5°	98.9	92.6	86.9	82.7	54.4	42.4	36.1	35.1
10°	93.2	86.4	79.6	74.3	46.6	36.1	30.4	29.3
12.5°	85.8	78.5	71.7	66.0	40.3	32.5	27.7	26.7
15°	77.5	70.1	64.4	59.1	37.2	29.8	26.7	25.6
17.5°	69.6	62.8	57.6	52.9	34.5	28.8	27.2	27.7
20°	61.8	56.5	51.8	48.2	35.6	34.0	39.3	44.0
22.5°	57.1	53.4	50.8	48.2	55.0	84.8	191.6	227.2
25°	59.7	59.1	60.7	64.4	112.5	142.4	125.6	127.2
26°	62.8	63.9	66.5	70.1	96.3	89.5	82.2	87.9
27°	60.7	61.2	60.7	60.2	63.3	62.8	66.0	71.7
28°	50.8	49.7	48.7	47.1	48.2	53.4	60.7	65.4
29°	44.0	42.9	41.4	39.8	41.9	51.8	58.6	61.8
30°	39.8	38.2	36.6	35.6	41.9	51.3	56.0	57.6
31°	37.2	36.1	35.1	35.1	42.4	48.7	51.3	51.8
32°	37.2	36.1	35.6	35.6	39.3	43.4	45.0	45.5
33°	36.1	35.1	33.5	33.0	34.5	37.7	39.3	39.3
34°	31.9	30.9	29.8	28.3	29.8	32.5	34.0	33.5
35°	27.7	26.7	25.6	24.6	25.6	28.3	28.8	28.3
36°	24.1	23.0	22.0	20.9	22.0	24.1	24.6	24.1
37°	21.5	20.4	19.4	18.3	18.3	20.9	21.5	20.4
38°	19.4	17.8	16.7	16.2	16.2	18.3	18.3	17.3
39°	17.3	16.2	15.2	14.1	14.1	15.7	15.7	14.7
40°	15.2	14.1	13.1	12.6	12.6	13.6	13.6	12.6
42.5°	11.0	10.5	9.9	9.4	9.4	10.5	9.9	8.9
45°	8.4	7.9	7.3	7.3	7.3	7.9	6.8	6.3
47.5°	5.8	5.8	5.2	5.2	5.2	5.8	5.2	4.7
50°	4.2	4.2	3.7	3.7	4.2	4.2	3.7	2.6
51°	3.7	3.7	3.7	3.1	3.7	3.7	3.1	2.6
52°	3.1	3.1	3.1	3.1	3.1	3.1	2.6	2.1
53°	2.6	2.6	2.6	2.6	2.6	2.6	2.1	1.6
54°	2.6	2.6	2.6	2.6	2.6	2.6	1.6	1.6
55°	2.6	2.6	2.6	2.6	2.6	2.1	1.6	1.0
57.5°	2.1	2.1	2.1	2.1	2.1	2.1	1.6	1.0
60°	2.1	2.1	2.1	2.1	2.1	2.1	1.0	0.5
61°	2.1	2.1	2.1	2.1	2.6	2.1	1.0	0.5
62°	2.1	2.1	2.1	2.1	2.6	2.1	1.0	0.5
63°	2.1	2.1	2.1	2.1	2.6	2.1	1.0	0.5
64°	2.1	2.1	2.1	2.6	2.6	2.1	1.0	0.5
65°	2.1	2.1	2.6	2.6	2.6	2.1	1.0	0.5
66°	2.1	2.6	2.6	2.6	2.6	2.1	1.0	0.5



TEST NUMBER: P175573

CATALOG NUMBER: LDA6A20935D010TE LAR35FL 6LAL1 30° Tilt

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
72.5°	2.1	2.6	2.6	2.6	2.6	2.1	1.6	1.0
75°	2.1	2.6	2.6	2.6	2.6	2.1	1.6	1.0
77.5°	2.6	2.6	2.6	2.6	2.6	2.1	1.6	1.0
80°	2.6	2.6	2.6	2.6	2.6	2.1	1.6	1.0
82.5°	2.6	2.6	2.6	2.6	2.6	2.1	1.6	1.0
85°	2.6	2.6	2.6	2.6	2.6	2.1	1.6	1.0
87.5°	2.6	2.6	2.6	2.6	2.6	2.1	1.0	0.5
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°	4.2	3.7	3.7	3.7	3.7	3.1	3.1	3.1	2.6	2.6	2.1
70°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.0





67.5°	2.1	2.1	2.1	2.1	1.6	1.6	1.6	1.6	1.6	1.6	1.6
70°	1.0	1.0	1.0	1.0	1.0	1.0	1.6	1.6	1.6	1.6	1.6





67.5°	1.6	1.6	1.6	1.6	2.1	2.1	2.1	2.1	2.1	2.1	2.1
70°	1.6	1.6	1.6	1.6	2.1	2.1	2.1	2.1	2.1	2.1	2.1





67.5°	2.1	2.6	2.6	2.6	2.6	2.1	1.0	1.0
70°	2.1	2.1	2.6	2.6	2.6	2.1	1.6	1.0



(END OF REPORT)