

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: P175569

Luminaire Tested: **LDA6A20835D010TE LAR35FL 6LAL1 30° Tilt**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P175569
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: LDA6A20835D010TE 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: 1589.6 lumens
Efficiency: N/A
Efficacy: 54.6 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

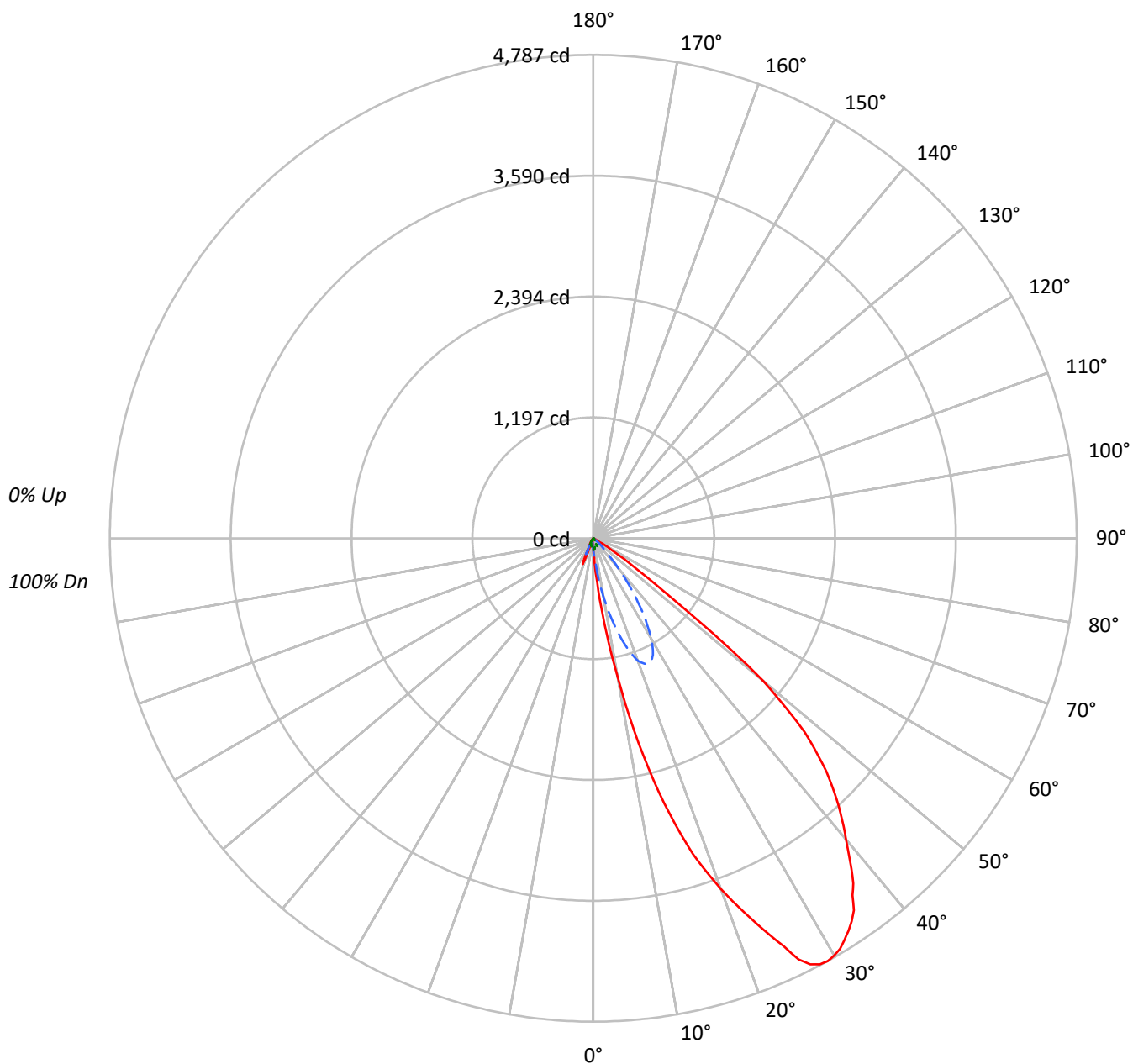
Input Watts (W): 29.12
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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°	6370	6370	6370
5°	24070	5976	3060
10°	78238	5049	1993
15°	154530	4098	1776
20°	215840	3424	3127
25°	269562	4748	9388
30°	301990	2747	4444
35°	301067	2008	2309
40°	278708	1095	1095
45°	253127	690	597
50°	187721	384	273
55°	45838	306	124
60°	8124	285	66
65°	1492	415	78
70°	305	513	208
75°	0	678	275
80°	0	1010	410
85°	0	2013	818



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	22.2	1.4
10°-20°	179.3	11.3
20°-30°	435.3	27.4
30°-40°	513.9	32.3
40°-50°	364.5	22.9
50°-60°	66.1	4.2
60°-70°	4.2	0.3
70°-80°	2.2	0.1
80°-90°	2.0	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°	636.8	40.1
0°-40°	1150.6	72.4
0°-60°	1581.2	99.5
0°-90°	1589.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1589.6	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	116	116	116	116	116	
5°	437	250	109	66	56	73
15°	2723	990	72	36	31	787
25°	4456	1344	78	174	155	2050
35°	4499	771	30	34	34	2771
45°	3265	147	9	10	8	2451
55°	480	19	3	3	1	622
65°	12	3	3	3	1	18
75°	0	2	3	3	1	0
85°	0	2	3	3	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°	116.2	116.2	116.2	116.2	116.2	116.2	116.2	116.2	116.2	116.2	116.2
2.5°	194.8	190.3	190.3	192.2	192.8	189.0	189.0	183.9	181.4	182.0	176.9
5°	437.4	446.4	428.5	431.0	429.1	417.0	411.9	394.6	383.1	377.4	358.9
7.5°	854.4	841.0	814.2	815.4	808.4	788.6	772.0	742.0	716.5	697.9	664.1
10°	1405.5	1409.3	1366.5	1362.7	1346.1	1308.4	1271.4	1213.3	1160.9	1120.0	1057.5
12.5°	2079.8	2040.8	2025.5	2014.7	1987.8	1936.1	1878.7	1798.2	1718.4	1650.0	1553.6
15°	2722.8	2701.1	2678.1	2659.6	2625.8	2560.6	2488.5	2387.6	2283.5	2193.5	2071.5
17.5°	3278.4	3252.2	3224.7	3203.0	3143.6	3097.7	3000.6	2917.0	2798.2	2690.9	2544.0
20°	3699.8	3685.8	3653.9	3623.8	3560.6	3500.6	3399.7	3304.6	3173.0	3037.0	2896.5
22.5°	4072.7	4051.7	4011.4	3966.1	3886.9	3807.7	3691.5	3585.5	3441.9	3296.9	3145.6
25°	4456.5	4446.9	4385.6	4312.8	4201.1	4089.4	3944.4	3813.5	3651.3	3498.7	3322.4
26°	4642.3	4598.9	4536.3	4451.4	4319.9	4184.5	4027.4	3883.7	3710.7	3543.4	3367.1
27°	4734.9	4701.1	4646.2	4560.0	4422.7	4263.0	4090.0	3935.5	3752.2	3579.1	3396.5
28°	4777.7	4749.0	4703.6	4623.8	4490.4	4310.9	4128.9	3965.5	3774.5	3595.7	3407.4
29°	4787.3	4765.0	4725.4	4651.9	4526.8	4343.5	4149.4	3978.9	3784.1	3601.5	3409.9
30°	4770.7	4757.9	4727.3	4657.0	4536.3	4353.1	4153.2	3978.9	3781.6	3595.7	3399.7
31°	4743.2	4735.6	4710.0	4644.3	4526.8	4340.9	4138.5	3963.6	3765.0	3577.2	3376.7
32°	4691.5	4698.5	4677.5	4613.0	4496.8	4309.7	4109.8	3936.7	3737.5	3547.9	3341.6
33°	4636.6	4653.8	4634.7	4565.1	4445.0	4259.2	4067.0	3898.4	3698.6	3507.0	3295.6
34°	4576.6	4596.4	4572.1	4493.6	4369.7	4190.2	4008.9	3845.4	3646.8	3454.6	3235.6
35°	4498.7	4515.3	4483.3	4400.3	4273.9	4104.0	3936.7	3777.1	3581.1	3385.7	3161.5
36°	4367.8	4408.0	4374.8	4289.2	4165.3	4010.2	3855.0	3699.8	3505.7	3309.7	3080.4
37°	4279.6	4287.3	4254.7	4167.9	4053.6	3915.7	3768.8	3617.5	3425.9	3224.7	2991.7
38°	4152.6	4155.8	4123.2	4042.1	3943.1	3816.7	3676.2	3528.7	3337.1	3132.8	2892.7
39°	4019.7	4019.1	3989.7	3920.1	3832.0	3711.3	3575.3	3430.4	3236.2	3026.8	2777.1
40°	3894.6	3892.7	3867.1	3803.3	3717.7	3600.9	3467.4	3321.8	3123.8	2909.3	2649.4
42.5°	3598.3	3585.5	3560.0	3497.4	3415.7	3300.1	3160.9	3003.8	2793.7	2551.7	2258.0
45°	3265.0	3237.5	3210.7	3138.5	3046.6	2922.7	2766.3	2588.1	2353.1	2088.1	1782.9
47.5°	2838.4	2801.4	2775.2	2692.8	2588.1	2448.9	2270.1	2076.0	1828.2	1544.0	1232.4
50°	2201.1	2118.7	2091.3	1961.7	1820.5	1640.5	1415.7	1190.9	941.2	708.8	496.2
51°	1748.4	1656.4	1629.6	1496.8	1360.1	1194.1	989.8	799.5	605.4	447.0	332.1
52°	1277.8	1192.2	1167.9	1047.9	932.9	799.5	647.5	522.3	413.1	334.0	268.2
53°	881.9	826.3	804.6	724.1	648.1	562.6	470.6	394.6	324.4	268.2	219.0
54°	650.7	613.0	595.8	537.7	482.8	422.7	359.5	307.8	259.3	217.7	176.9
55°	479.6	451.5	439.3	399.1	363.3	322.5	280.3	243.3	205.6	171.1	134.1
57.5°	217.1	203.1	198.0	180.7	166.7	154.5	125.8	105.4	85.6	69.0	53.6
60°	74.1	68.3	66.4	60.0	56.2	52.4	44.1	37.7	32.6	28.1	23.6
61°	47.3	44.1	42.8	39.6	37.7	35.8	30.7	26.8	23.6	21.1	17.9
62°	31.9	30.0	29.4	27.5	26.2	25.5	22.3	19.8	17.2	15.3	13.4
63°	22.3	21.1	21.1	19.8	19.2	18.5	16.0	14.7	12.8	11.5	10.2
64°	16.0	15.3	14.7	14.0	13.4	13.4	11.5	10.9	9.6	8.9	7.7
65°	11.5	10.9	10.9	10.2	10.2	9.6	8.9	7.7	7.0	6.4	5.7
66°	8.3	7.7	7.7	7.7	7.0	7.0	6.4	5.7	5.1	5.1	4.5



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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°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
75°	0.0	0.0	0.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
77.5°	0.0	0.0	0.0	0.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6
80°	0.0	0.0	0.0	0.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6
82.5°	0.0	0.0	0.0	0.0	0.0	0.6	0.6	0.6	0.6	0.6	0.6
85°	0.0	0.0	0.0	0.0	0.0	0.6	0.6	0.6	0.6	0.6	0.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.6	0.6	0.6	0.6	0.6	0.6
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):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	116.2	116.2	116.2	116.2	116.2	116.2	116.2	116.2	116.2	116.2	116.2
2.5°	178.2	173.7	172.4	171.1	169.2	167.3	161.6	160.3	159.0	153.9	152.6
5°	353.8	335.9	324.4	312.3	299.5	284.8	261.2	250.3	238.8	219.0	209.4
7.5°	644.3	607.9	578.5	548.5	518.5	483.4	437.4	410.0	380.6	341.6	315.4
10°	1010.2	943.2	885.7	830.1	776.5	715.2	655.2	595.1	544.1	483.4	434.2
12.5°	1470.6	1361.4	1266.9	1173.7	1081.7	983.4	887.6	794.4	703.7	623.2	547.2
15°	1962.3	1821.2	1689.0	1556.2	1417.0	1269.5	1125.1	990.4	862.1	749.7	646.9
17.5°	2381.8	2221.6	2052.3	1887.0	1709.4	1511.5	1334.6	1160.9	996.2	851.2	719.0
20°	2721.6	2538.9	2338.4	2141.7	1924.6	1712.6	1500.6	1293.7	1084.9	908.0	748.4
22.5°	2964.8	2770.7	2551.7	2328.2	2080.4	1835.9	1590.0	1346.7	1111.7	911.2	733.7
25°	3128.3	2917.0	2679.4	2431.6	2155.1	1885.7	1609.8	1343.5	1086.8	872.9	684.5
26°	3167.3	2950.8	2706.9	2449.5	2166.0	1889.5	1600.2	1325.7	1063.2	844.8	654.5
27°	3192.2	2969.3	2719.0	2454.0	2165.4	1894.0	1578.5	1297.6	1030.0	810.3	620.0
28°	3201.1	2973.8	2718.4	2445.1	2150.7	1849.9	1544.7	1257.3	993.6	768.8	580.5
29°	3199.8	2968.0	2705.6	2423.3	2123.2	1812.9	1498.1	1207.5	943.8	722.2	537.7
30°	3187.1	2948.9	2679.4	2386.9	2081.7	1761.2	1438.0	1147.5	888.9	671.1	491.1
31°	3160.9	2916.3	2637.3	2333.3	2024.2	1695.4	1367.8	1079.8	828.2	616.2	443.2
32°	3121.3	2869.7	2580.4	2266.9	1954.0	1618.8	1288.6	996.8	763.7	560.0	401.7
33°	3070.2	2810.3	2512.1	2189.0	1874.8	1530.6	1201.1	938.7	697.9	503.2	347.4
34°	3005.1	2738.2	2429.1	2099.0	1782.9	1432.9	1110.5	849.9	631.5	445.7	306.5
35°	2927.2	2651.3	2334.6	1999.3	1680.7	1326.9	1028.1	770.7	563.9	388.2	260.5
36°	2839.7	2554.9	2228.6	1892.1	1568.9	1219.0	934.2	691.6	496.8	332.1	219.7
37°	2743.9	2448.9	2116.2	1774.6	1448.9	1107.3	840.3	613.7	431.0	278.4	187.1
38°	2636.0	2330.1	1991.7	1644.9	1320.5	996.2	747.8	535.8	365.3	230.5	163.5
39°	2510.8	2194.7	1856.3	1501.9	1189.0	884.4	656.4	459.1	303.3	192.2	145.6
40°	2371.6	2051.1	1708.2	1350.6	1056.2	775.9	567.0	385.1	247.8	166.0	130.3
42.5°	1962.9	1630.2	1286.1	993.0	747.1	527.5	363.3	230.5	160.3	123.2	95.8
45°	1480.2	1168.6	888.2	668.6	485.9	316.1	206.9	146.9	113.7	85.6	67.0
47.5°	968.7	728.0	517.9	359.5	243.3	162.2	126.4	95.8	74.1	56.8	45.3
50°	365.3	269.5	209.4	167.3	132.2	100.3	79.2	60.7	46.6	35.8	28.7
51°	270.1	217.7	171.8	137.3	109.2	83.0	64.5	47.9	37.0	28.7	23.6
52°	221.6	178.8	141.1	112.4	88.8	64.5	49.8	37.7	30.0	23.6	19.2
53°	181.4	145.6	113.7	88.8	67.7	49.2	38.3	30.0	24.3	19.2	16.0
54°	144.3	113.0	84.9	65.1	50.4	37.0	30.0	23.6	19.2	16.0	13.4
55°	107.3	81.7	60.7	47.9	37.7	28.7	23.6	19.2	16.0	12.8	10.9
57.5°	44.1	35.1	28.7	23.6	19.8	16.0	13.4	11.5	9.6	7.7	6.4
60°	20.4	17.2	15.3	12.8	10.9	8.9	7.7	7.0	5.7	5.1	4.5
61°	16.0	13.4	11.5	10.2	8.9	7.0	6.4	5.7	5.1	4.5	3.8
62°	12.1	10.2	8.9	7.7	7.0	5.7	5.1	4.5	3.8	3.8	3.2
63°	8.9	7.7	7.0	6.4	5.7	5.1	4.5	3.8	3.8	3.2	3.2
64°	7.0	6.4	5.7	5.1	4.5	3.8	3.8	3.2	3.2	2.6	2.6
65°	5.1	5.1	4.5	3.8	3.8	3.2	3.2	3.2	2.6	2.6	2.6
66°	4.5	3.8	3.2	3.2	3.2	2.6	2.6	2.6	2.6	2.6	2.6



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
72.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.9	1.9	1.9	1.9	1.9
75°	1.3	1.3	1.3	1.3	1.3	1.3	1.9	1.9	1.9	1.9	1.9
77.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.9	1.9	1.9	1.9	1.9
80°	1.3	1.3	1.3	1.3	1.3	1.3	1.9	1.9	1.9	1.9	1.9
82.5°	1.3	1.3	1.3	1.3	1.3	1.9	1.9	1.9	1.9	1.9	1.9
85°	1.3	1.3	1.3	1.3	1.3	1.9	1.9	1.9	1.9	1.9	1.9
87.5°	1.3	1.3	1.3	1.3	1.3	1.9	1.9	1.9	1.9	1.9	1.9
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°	116.2	116.2	116.2	116.2	116.2	116.2	116.2	116.2	116.2	116.2	116.2
2.5°	149.4	148.8	144.3	142.4	139.8	136.7	134.1	132.2	129.0	126.4	123.9
5°	196.0	189.0	177.5	169.9	162.8	155.8	150.1	145.0	139.2	134.1	129.0
7.5°	282.9	259.3	230.5	208.8	190.9	175.0	163.5	153.9	145.0	137.3	128.4
10°	379.9	336.5	292.5	251.0	218.4	190.9	171.8	157.1	145.0	134.7	123.2
12.5°	469.3	405.5	341.0	285.4	237.5	199.9	173.7	155.2	141.1	128.4	114.9
15°	545.3	459.8	378.0	306.5	247.1	200.5	170.5	150.1	134.1	118.8	105.4
17.5°	593.2	484.7	388.2	305.9	240.7	190.3	160.3	140.5	122.6	107.3	94.5
20°	603.4	478.9	373.6	283.5	218.4	171.1	146.2	125.8	107.9	94.5	83.7
22.5°	577.9	446.4	334.6	245.2	187.1	151.3	130.3	110.5	95.8	84.9	76.0
25°	523.0	389.5	281.0	201.1	160.3	133.5	114.3	98.3	87.5	80.5	75.4
26°	494.2	361.4	256.7	185.2	151.3	127.1	109.2	95.1	86.2	81.1	77.3
27°	461.0	331.4	232.4	171.1	143.0	118.8	102.8	90.0	81.7	77.3	74.7
28°	424.6	299.5	209.4	158.4	132.8	108.6	93.9	81.7	73.4	68.3	63.9
29°	386.3	267.6	188.4	146.9	122.6	99.6	85.6	74.1	65.8	60.7	56.2
30°	346.1	236.9	170.5	136.7	112.4	91.3	78.5	67.7	60.0	54.9	50.4
31°	307.1	208.8	157.7	125.8	103.4	84.3	72.8	63.9	56.2	51.1	47.9
32°	268.2	185.2	145.6	115.6	95.1	79.2	67.7	60.0	53.6	49.2	46.6
33°	233.1	165.4	134.7	106.0	88.1	74.1	64.5	57.5	51.7	47.9	45.3
34°	201.8	152.0	122.6	96.4	81.1	68.3	59.4	53.0	47.3	44.1	40.9
35°	176.2	137.9	110.5	86.8	72.8	61.3	53.6	47.3	42.1	39.0	35.8
36°	156.4	123.9	98.3	77.3	65.1	55.6	47.9	42.1	37.7	34.5	31.9
37°	141.1	111.1	88.1	69.6	59.4	49.8	43.4	38.3	33.8	30.7	28.1
38°	127.1	99.0	79.2	63.2	53.6	45.3	39.0	35.1	30.7	27.5	24.9
39°	113.0	86.8	70.9	57.5	49.2	41.5	35.8	31.9	27.5	24.9	22.3
40°	100.3	77.9	63.9	51.7	44.7	37.0	32.6	28.7	24.9	22.3	19.8
42.5°	74.1	58.1	48.5	39.6	33.8	28.7	24.9	21.1	18.5	16.6	14.7
45°	53.0	42.1	35.1	28.7	24.3	20.4	17.2	15.3	13.4	12.1	10.9
47.5°	35.8	28.7	24.3	19.2	16.6	14.0	12.1	10.9	9.6	8.3	7.7
50°	23.0	18.5	16.0	12.8	10.9	9.6	8.3	7.0	6.4	5.7	5.7
51°	19.2	15.3	13.4	10.9	9.6	8.3	7.0	6.4	5.7	5.1	4.5
52°	16.0	12.8	10.9	8.9	7.7	7.0	5.7	5.1	4.5	4.5	4.5
53°	13.4	10.9	9.6	7.7	7.0	5.7	5.1	4.5	3.8	3.8	3.8
54°	10.9	8.9	7.7	6.4	5.7	5.1	4.5	3.8	3.8	3.2	3.2
55°	8.9	7.7	6.4	5.7	5.1	4.5	3.8	3.2	3.2	3.2	3.2
57.5°	5.7	5.1	4.5	3.8	3.2	3.2	2.6	2.6	2.6	2.6	2.6
60°	3.8	3.2	3.2	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
61°	3.2	3.2	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
62°	3.2	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
63°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
64°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
65°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
66°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6



TEST NUMBER: P175569

CATALOG NUMBER: LDA6A20835D010TE 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°	1.9	1.9	1.9	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
75°	1.9	1.9	1.9	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
77.5°	1.9	1.9	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
80°	1.9	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	3.2
82.5°	1.9	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	3.2
85°	1.9	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	3.2
87.5°	1.9	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
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: P175569

CATALOG NUMBER: LDA6A20835D010TE LAR35FL 6LAL1 30° Tilt

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
0°	116.2	116.2	116.2	116.2	116.2	116.2	116.2	116.2
2.5°	120.7	118.8	115.6	113.7	95.8	86.2	77.3	76.6
5°	123.2	118.1	113.0	108.6	79.2	65.8	56.8	55.6
7.5°	120.7	113.0	106.0	100.9	66.4	51.7	44.1	42.8
10°	113.7	105.4	97.1	90.7	56.8	44.1	37.0	35.8
12.5°	104.7	95.8	87.5	80.5	49.2	39.6	33.8	32.6
15°	94.5	85.6	78.5	72.2	45.3	36.4	32.6	31.3
17.5°	84.9	76.6	70.2	64.5	42.1	35.1	33.2	33.8
20°	75.4	69.0	63.2	58.7	43.4	41.5	47.9	53.6
22.5°	69.6	65.1	61.9	58.7	67.0	103.4	233.7	277.1
25°	72.8	72.2	74.1	78.5	137.3	173.7	153.3	155.2
26°	76.6	77.9	81.1	85.6	117.5	109.2	100.3	107.3
27°	74.1	74.7	74.1	73.4	77.3	76.6	80.5	87.5
28°	61.9	60.7	59.4	57.5	58.7	65.1	74.1	79.8
29°	53.6	52.4	50.4	48.5	51.1	63.2	71.5	75.4
30°	48.5	46.6	44.7	43.4	51.1	62.6	68.3	70.2
31°	45.3	44.1	42.8	42.8	51.7	59.4	62.6	63.2
32°	45.3	44.1	43.4	43.4	47.9	53.0	54.9	55.6
33°	44.1	42.8	40.9	40.2	42.1	46.0	47.9	47.9
34°	39.0	37.7	36.4	34.5	36.4	39.6	41.5	40.9
35°	33.8	32.6	31.3	30.0	31.3	34.5	35.1	34.5
36°	29.4	28.1	26.8	25.5	26.8	29.4	30.0	29.4
37°	26.2	24.9	23.6	22.3	22.3	25.5	26.2	24.9
38°	23.6	21.7	20.4	19.8	19.8	22.3	22.3	21.1
39°	21.1	19.8	18.5	17.2	17.2	19.2	19.2	17.9
40°	18.5	17.2	16.0	15.3	15.3	16.6	16.6	15.3
42.5°	13.4	12.8	12.1	11.5	11.5	12.8	12.1	10.9
45°	10.2	9.6	8.9	8.9	8.9	9.6	8.3	7.7
47.5°	7.0	7.0	6.4	6.4	6.4	7.0	6.4	5.7
50°	5.1	5.1	4.5	4.5	5.1	5.1	4.5	3.2
51°	4.5	4.5	4.5	3.8	4.5	4.5	3.8	3.2
52°	3.8	3.8	3.8	3.8	3.8	3.8	3.2	2.6
53°	3.2	3.2	3.2	3.2	3.2	3.2	2.6	1.9
54°	3.2	3.2	3.2	3.2	3.2	3.2	1.9	1.9
55°	3.2	3.2	3.2	3.2	3.2	2.6	1.9	1.3
57.5°	2.6	2.6	2.6	2.6	2.6	2.6	1.9	1.3
60°	2.6	2.6	2.6	2.6	2.6	2.6	1.3	0.6
61°	2.6	2.6	2.6	2.6	3.2	2.6	1.3	0.6
62°	2.6	2.6	2.6	2.6	3.2	2.6	1.3	0.6
63°	2.6	2.6	2.6	2.6	3.2	2.6	1.3	0.6
64°	2.6	2.6	2.6	3.2	3.2	2.6	1.3	0.6
65°	2.6	2.6	3.2	3.2	3.2	2.6	1.3	0.6
66°	2.6	3.2	3.2	3.2	3.2	2.6	1.3	0.6



TEST NUMBER: P175569

CATALOG NUMBER: LDA6A20835D010TE LAR35FL 6LAL1 30° Tilt

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
72.5°	2.6	3.2	3.2	3.2	3.2	2.6	1.9	1.3
75°	2.6	3.2	3.2	3.2	3.2	2.6	1.9	1.3
77.5°	3.2	3.2	3.2	3.2	3.2	2.6	1.9	1.3
80°	3.2	3.2	3.2	3.2	3.2	2.6	1.9	1.3
82.5°	3.2	3.2	3.2	3.2	3.2	2.6	1.9	1.3
85°	3.2	3.2	3.2	3.2	3.2	2.6	1.9	1.3
87.5°	3.2	3.2	3.2	3.2	3.2	2.6	1.3	0.6
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°	5.1	4.5	4.5	4.5	4.5	3.8	3.8	3.8	3.2	3.2	2.6
70°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.3





67.5°	2.6	2.6	2.6	2.6	1.9	1.9	1.9	1.9	1.9	1.9	1.9
70°	1.3	1.3	1.3	1.3	1.3	1.3	1.9	1.9	1.9	1.9	1.9





67.5°	1.9	1.9	1.9	1.9	2.6	2.6	2.6	2.6	2.6	2.6	2.6
70°	1.9	1.9	1.9	1.9	2.6	2.6	2.6	2.6	2.6	2.6	2.6





67.5°	2.6	3.2	3.2	3.2	3.2	2.6	1.3	1.3
70°	2.6	2.6	3.2	3.2	3.2	2.6	1.9	1.3



(END OF REPORT)