

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: P175567

Luminaire Tested: **LDA6A20827D010TE LAR35FL 6LAL1 30° Tilt**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P175567
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: LDA6A20827D010TE 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 / 2700K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1396.7 lumens
Efficiency: N/A
Efficacy: 48.0 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

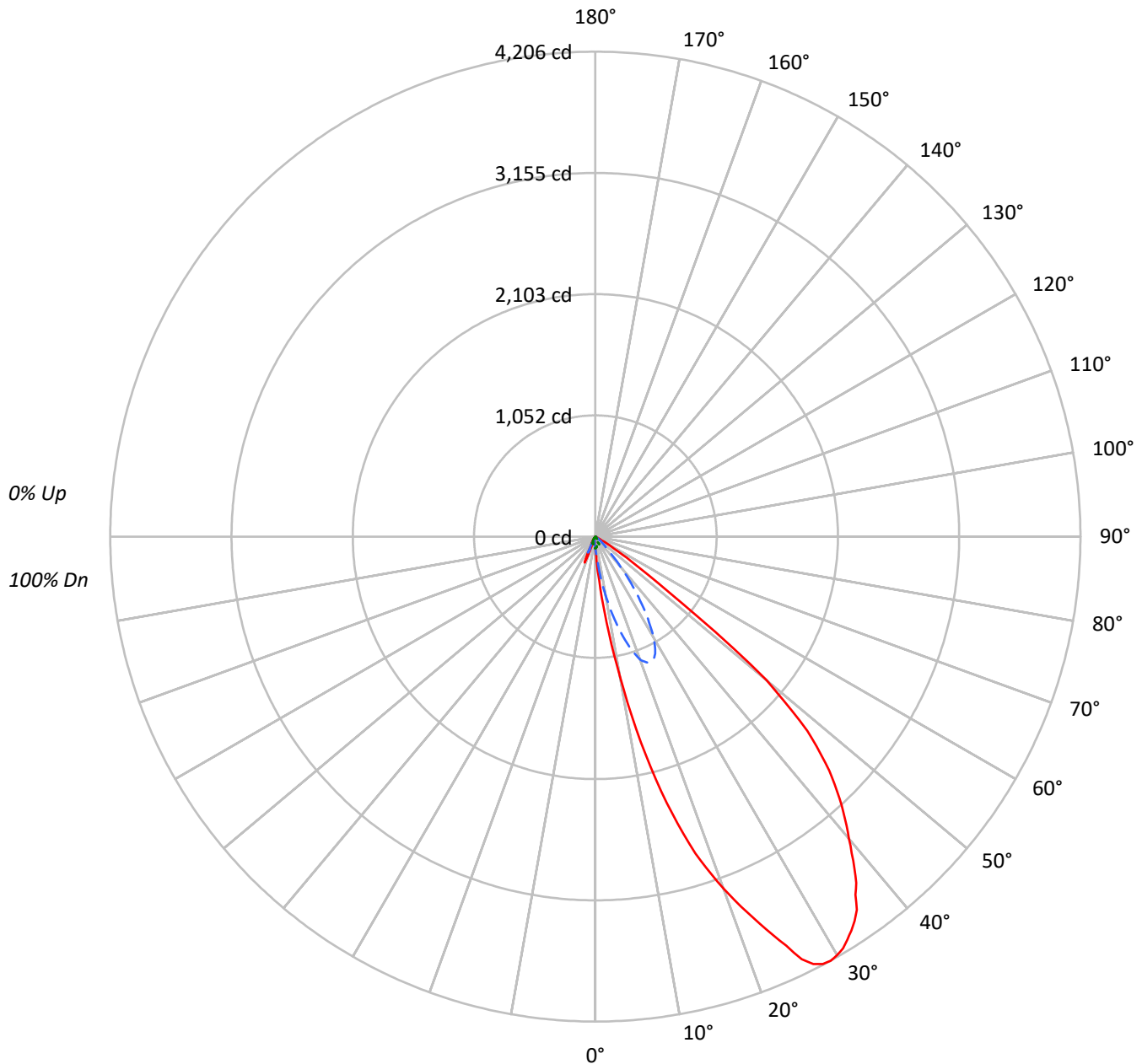
Input Watts (W): 29.12
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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°	5597	5597	5597
5°	21148	5250	2685
10°	68747	4437	1748
15°	135784	3598	1561
20°	189658	3010	2748
25°	236856	4174	8244
30°	265351	2418	3906
35°	264540	1767	2028
40°	244895	966	966
45°	222411	612	519
50°	164950	333	239
55°	40276	268	105
60°	7138	241	66
65°	1310	363	78
70°	272	449	176
75°	0	593	233
80°	0	884	347
85°	0	1761	692



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.5	1.4
10°-20°	157.6	11.3
20°-30°	382.4	27.4
30°-40°	451.5	32.3
40°-50°	320.3	22.9
50°-60°	58.1	4.2
60°-70°	3.7	0.3
70°-80°	1.9	0.1
80°-90°	1.7	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°	559.5	40.1
0°-40°	1011.0	72.4
0°-60°	1389.4	99.5
0°-90°	1396.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1396.7	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	102	102	102	102	102	
5°	384	220	95	58	49	64
15°	2392	870	63	32	28	692
25°	3916	1180	69	153	136	1802
35°	3953	677	26	30	30	2435
45°	2869	129	8	8	7	2154
55°	421	17	3	2	1	547
65°	10	3	3	2	1	16
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°	102.1	102.1	102.1	102.1	102.1	102.1	102.1	102.1	102.1	102.1	102.1
2.5°	171.1	167.2	167.2	168.9	169.4	166.1	166.1	161.6	159.3	159.9	155.4
5°	384.3	392.2	376.5	378.7	377.1	366.4	361.9	346.8	336.7	331.6	315.3
7.5°	750.7	739.0	715.4	716.5	710.3	692.9	678.4	652.0	629.5	613.3	583.5
10°	1235.0	1238.3	1200.7	1197.4	1182.8	1149.7	1117.1	1066.1	1020.1	984.2	929.2
12.5°	1827.5	1793.2	1779.8	1770.2	1746.7	1701.2	1650.7	1580.0	1509.9	1449.9	1365.1
15°	2392.5	2373.4	2353.2	2336.9	2307.2	2250.0	2186.6	2097.9	2006.5	1927.3	1820.2
17.5°	2880.6	2857.6	2833.5	2814.4	2762.2	2721.8	2636.6	2563.1	2458.7	2364.4	2235.4
20°	3251.0	3238.6	3210.6	3184.2	3128.6	3075.9	2987.2	2903.6	2788.1	2668.5	2545.1
22.5°	3578.6	3560.1	3524.8	3484.9	3415.3	3345.8	3243.7	3150.5	3024.3	2896.9	2763.9
25°	3915.8	3907.4	3853.6	3789.6	3691.4	3593.2	3465.8	3350.8	3208.3	3074.2	2919.3
26°	4079.1	4041.0	3986.0	3911.4	3795.8	3676.8	3538.8	3412.5	3260.5	3113.5	2958.6
27°	4160.5	4130.7	4082.5	4006.7	3886.1	3745.8	3593.8	3458.0	3297.0	3144.9	2984.4
28°	4198.1	4172.8	4133.0	4062.8	3945.6	3787.9	3628.0	3484.4	3316.6	3159.5	2994.0
29°	4206.5	4186.8	4152.1	4087.5	3977.6	3816.5	3646.0	3496.1	3325.0	3164.5	2996.2
30°	4191.9	4180.7	4153.7	4092.0	3986.0	3824.9	3649.3	3496.1	3322.8	3159.5	2987.2
31°	4167.8	4161.0	4138.6	4080.8	3977.6	3814.3	3636.4	3482.7	3308.2	3143.2	2967.0
32°	4122.3	4128.5	4110.0	4053.3	3951.2	3786.8	3611.2	3459.1	3284.1	3117.4	2936.2
33°	4074.1	4089.2	4072.4	4011.2	3905.7	3742.5	3573.6	3425.4	3249.8	3081.5	2895.8
34°	4021.3	4038.7	4017.4	3948.4	3839.5	3681.9	3522.5	3378.9	3204.4	3035.5	2843.0
35°	3952.9	3967.5	3939.4	3866.5	3755.4	3606.1	3459.1	3318.8	3146.6	2974.9	2778.0
36°	3837.8	3873.2	3844.0	3768.8	3660.0	3523.6	3387.3	3251.0	3080.4	2908.1	2706.7
37°	3760.4	3767.2	3738.5	3662.2	3561.8	3440.6	3311.5	3178.6	3010.2	2833.5	2628.7
38°	3648.8	3651.6	3623.0	3551.7	3464.7	3353.6	3230.2	3100.6	2932.3	2752.7	2541.7
39°	3532.1	3531.5	3505.7	3444.5	3367.1	3261.0	3141.5	3014.2	2843.6	2659.6	2440.2
40°	3422.1	3420.4	3398.0	3341.8	3266.7	3164.0	3046.7	2918.8	2744.8	2556.3	2328.0
42.5°	3161.7	3150.5	3128.1	3073.1	3001.3	2899.7	2777.4	2639.4	2454.8	2242.1	1984.0
45°	2868.8	2844.7	2821.2	2757.8	2677.0	2568.1	2430.6	2274.1	2067.6	1834.8	1566.6
47.5°	2494.0	2461.5	2438.5	2366.1	2274.1	2151.8	1994.7	1824.1	1606.4	1356.7	1082.9
50°	1934.1	1861.7	1837.6	1723.7	1599.7	1441.4	1243.9	1046.4	827.0	622.8	436.0
51°	1536.3	1455.5	1431.9	1315.2	1195.1	1049.2	869.7	702.5	531.9	392.8	291.8
52°	1122.7	1047.6	1026.2	920.7	819.8	702.5	568.9	459.0	363.0	293.4	235.7
53°	774.9	726.0	707.0	636.3	569.5	494.3	413.5	346.8	285.0	235.7	192.5
54°	571.7	538.6	523.5	472.4	424.2	371.4	315.9	270.4	227.8	191.3	155.4
55°	421.4	396.7	386.0	350.7	319.3	283.4	246.3	213.8	180.7	150.4	117.8
57.5°	190.8	178.4	173.9	158.8	146.4	135.8	110.5	92.6	75.2	60.6	47.1
60°	65.1	60.0	58.4	52.7	49.4	46.0	38.7	33.1	28.6	24.7	20.8
61°	41.5	38.7	37.6	34.8	33.1	31.4	26.9	23.6	20.8	18.5	15.7
62°	28.1	26.4	25.8	24.1	23.0	22.4	19.6	17.4	15.1	13.5	11.8
63°	19.6	18.5	18.5	17.4	16.8	16.3	14.0	12.9	11.2	10.1	9.0
64°	14.0	13.5	12.9	12.3	11.8	11.8	10.1	9.5	8.4	7.9	6.7
65°	10.1	9.5	9.5	9.0	9.0	8.4	7.9	6.7	6.2	5.6	5.0
66°	7.3	6.7	6.7	6.7	6.2	6.2	5.6	5.0	4.5	4.5	3.9



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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°	102.1	102.1	102.1	102.1	102.1	102.1	102.1	102.1	102.1	102.1	102.1
2.5°	156.5	152.6	151.5	150.4	148.7	147.0	142.0	140.8	139.7	135.2	134.1
5°	310.8	295.1	285.0	274.4	263.2	250.2	229.5	219.9	209.8	192.5	184.0
7.5°	566.1	534.2	508.3	482.0	455.6	424.7	384.3	360.2	334.4	300.2	277.2
10°	887.6	828.7	778.2	729.4	682.3	628.4	575.7	522.9	478.0	424.7	381.5
12.5°	1292.2	1196.2	1113.2	1031.3	950.5	864.1	779.9	698.0	618.3	547.6	480.9
15°	1724.2	1600.2	1484.1	1367.4	1245.1	1115.4	988.6	870.2	757.5	658.7	568.4
17.5°	2092.9	1952.0	1803.3	1658.0	1502.0	1328.1	1172.7	1020.1	875.3	747.9	631.8
20°	2391.4	2230.9	2054.7	1881.9	1691.1	1504.8	1318.6	1136.8	953.3	797.9	657.6
22.5°	2605.1	2434.6	2242.1	2045.7	1828.0	1613.1	1397.1	1183.3	976.9	800.7	644.7
25°	2748.8	2563.1	2354.3	2136.6	1893.7	1656.9	1414.5	1180.5	955.0	767.0	601.5
26°	2783.0	2592.8	2378.5	2152.3	1903.2	1660.3	1406.1	1164.8	934.2	742.3	575.1
27°	2804.9	2609.1	2389.1	2156.3	1902.7	1664.2	1387.0	1140.1	905.0	712.0	544.8
28°	2812.7	2613.0	2388.6	2148.4	1889.7	1625.5	1357.3	1104.8	873.1	675.6	510.0
29°	2811.6	2607.9	2377.3	2129.3	1865.6	1592.9	1316.3	1061.0	829.3	634.6	472.4
30°	2800.4	2591.1	2354.3	2097.4	1829.2	1547.5	1263.6	1008.3	781.0	589.7	431.5
31°	2777.4	2562.5	2317.3	2050.2	1778.7	1489.7	1201.9	948.8	727.7	541.5	389.4
32°	2742.6	2521.5	2267.4	1991.9	1716.9	1422.4	1132.3	875.9	671.1	492.1	352.9
33°	2697.7	2469.4	2207.3	1923.4	1647.4	1344.9	1055.4	824.8	613.3	442.1	305.2
34°	2640.5	2406.0	2134.4	1844.3	1566.6	1259.1	975.7	746.8	554.9	391.6	269.3
35°	2572.0	2329.6	2051.3	1756.8	1476.8	1165.9	903.4	677.2	495.4	341.1	228.9
36°	2495.2	2244.9	1958.2	1662.5	1378.6	1071.1	820.9	607.7	436.5	291.8	193.0
37°	2411.0	2151.8	1859.4	1559.3	1273.1	972.9	738.4	539.2	378.7	244.6	164.4
38°	2316.2	2047.4	1750.0	1445.4	1160.3	875.3	657.0	470.8	320.9	202.6	143.6
39°	2206.2	1928.5	1631.1	1319.7	1044.7	777.1	576.8	403.4	266.5	168.9	127.9
40°	2083.9	1802.2	1500.9	1186.7	928.0	681.7	498.2	338.3	217.7	145.9	114.5
42.5°	1724.8	1432.5	1130.0	872.5	656.5	463.5	319.3	202.6	140.8	108.3	84.2
45°	1300.6	1026.8	780.5	587.5	427.0	277.7	181.8	129.1	99.9	75.2	58.9
47.5°	851.2	639.6	455.0	315.9	213.8	142.5	111.1	84.2	65.1	49.9	39.8
50°	320.9	236.8	184.0	147.0	116.1	88.1	69.6	53.3	41.0	31.4	25.2
51°	237.3	191.3	150.9	120.6	95.9	72.9	56.7	42.1	32.5	25.2	20.8
52°	194.7	157.1	124.0	98.8	78.0	56.7	43.8	33.1	26.4	20.8	16.8
53°	159.3	127.9	99.9	78.0	59.5	43.2	33.7	26.4	21.3	16.8	14.0
54°	126.8	99.3	74.6	57.2	44.3	32.5	26.4	20.8	16.8	14.0	11.8
55°	94.3	71.8	53.3	42.1	33.1	25.2	20.8	16.8	14.0	11.2	9.5
57.5°	38.7	30.9	25.2	20.8	17.4	14.0	11.8	10.1	8.4	6.7	5.6
60°	18.0	15.1	13.5	11.2	9.5	7.9	6.7	6.2	5.0	4.5	3.9
61°	14.0	11.8	10.1	9.0	7.9	6.2	5.6	5.0	4.5	3.9	3.4
62°	10.7	9.0	7.9	6.7	6.2	5.0	4.5	3.9	3.4	3.4	2.8
63°	7.9	6.7	6.2	5.6	5.0	4.5	3.9	3.4	3.4	2.8	2.8
64°	6.2	5.6	5.0	4.5	3.9	3.4	3.4	2.8	2.8	2.2	2.2
65°	4.5	4.5	3.9	3.4	3.4	2.8	2.8	2.8	2.2	2.2	2.2
66°	3.9	3.4	2.8	2.8	2.8	2.2	2.2	2.2	2.2	2.2	2.2



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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°	1.1	1.1	1.1	1.1	1.1	1.1	1.7	1.7	1.7	1.7	1.7
75°	1.1	1.1	1.1	1.1	1.1	1.1	1.7	1.7	1.7	1.7	1.7
77.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.7	1.7	1.7	1.7	1.7
80°	1.1	1.1	1.1	1.1	1.1	1.1	1.7	1.7	1.7	1.7	1.7
82.5°	1.1	1.1	1.1	1.1	1.1	1.7	1.7	1.7	1.7	1.7	1.7
85°	1.1	1.1	1.1	1.1	1.1	1.7	1.7	1.7	1.7	1.7	1.7
87.5°	1.1	1.1	1.1	1.1	1.1	1.7	1.7	1.7	1.7	1.7	1.7
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°	102.1	102.1	102.1	102.1	102.1	102.1	102.1	102.1	102.1	102.1	102.1
2.5°	131.3	130.7	126.8	125.1	122.9	120.1	117.8	116.1	113.3	111.1	108.9
5°	172.3	166.1	156.0	149.2	143.1	136.9	131.9	127.4	122.3	117.8	113.3
7.5°	248.6	227.8	202.6	183.5	167.8	153.7	143.6	135.2	127.4	120.6	112.8
10°	333.8	295.7	257.0	220.5	191.9	167.8	150.9	138.0	127.4	118.4	108.3
12.5°	412.4	356.3	299.6	250.8	208.7	175.6	152.6	136.3	124.0	112.8	101.0
15°	479.2	404.0	332.2	269.3	217.1	176.2	149.8	131.9	117.8	104.4	92.6
17.5°	521.3	425.9	341.1	268.8	211.5	167.2	140.8	123.4	107.7	94.3	83.0
20°	530.2	420.8	328.2	249.1	191.9	150.4	128.5	110.5	94.8	83.0	73.5
22.5°	507.8	392.2	294.0	215.5	164.4	133.0	114.5	97.1	84.2	74.6	66.8
25°	459.5	342.3	246.9	176.7	140.8	117.3	100.4	86.4	76.9	70.7	66.2
26°	434.3	317.6	225.6	162.7	133.0	111.7	95.9	83.6	75.7	71.3	67.9
27°	405.1	291.2	204.2	150.4	125.7	104.4	90.3	79.1	71.8	67.9	65.6
28°	373.1	263.2	184.0	139.2	116.7	95.4	82.5	71.8	64.5	60.0	56.1
29°	339.5	235.1	165.5	129.1	107.7	87.5	75.2	65.1	57.8	53.3	49.4
30°	304.1	208.2	149.8	120.1	98.8	80.2	69.0	59.5	52.7	48.3	44.3
31°	269.9	183.5	138.6	110.5	90.9	74.1	64.0	56.1	49.4	44.9	42.1
32°	235.7	162.7	127.9	101.6	83.6	69.6	59.5	52.7	47.1	43.2	41.0
33°	204.8	145.3	118.4	93.1	77.4	65.1	56.7	50.5	45.4	42.1	39.8
34°	177.3	133.5	107.7	84.7	71.3	60.0	52.2	46.6	41.5	38.7	35.9
35°	154.9	121.2	97.1	76.3	64.0	53.9	47.1	41.5	37.0	34.2	31.4
36°	137.5	108.9	86.4	67.9	57.2	48.8	42.1	37.0	33.1	30.3	28.1
37°	124.0	97.6	77.4	61.2	52.2	43.8	38.2	33.7	29.7	26.9	24.7
38°	111.7	87.0	69.6	55.5	47.1	39.8	34.2	30.9	26.9	24.1	21.9
39°	99.3	76.3	62.3	50.5	43.2	36.5	31.4	28.1	24.1	21.9	19.6
40°	88.1	68.5	56.1	45.4	39.3	32.5	28.6	25.2	21.9	19.6	17.4
42.5°	65.1	51.1	42.6	34.8	29.7	25.2	21.9	18.5	16.3	14.6	12.9
45°	46.6	37.0	30.9	25.2	21.3	18.0	15.1	13.5	11.8	10.7	9.5
47.5°	31.4	25.2	21.3	16.8	14.6	12.3	10.7	9.5	8.4	7.3	6.7
50°	20.2	16.3	14.0	11.2	9.5	8.4	7.3	6.2	5.6	5.0	5.0
51°	16.8	13.5	11.8	9.5	8.4	7.3	6.2	5.6	5.0	4.5	3.9
52°	14.0	11.2	9.5	7.9	6.7	6.2	5.0	4.5	3.9	3.9	3.9
53°	11.8	9.5	8.4	6.7	6.2	5.0	4.5	3.9	3.4	3.4	3.4
54°	9.5	7.9	6.7	5.6	5.0	4.5	3.9	3.4	3.4	2.8	2.8
55°	7.9	6.7	5.6	5.0	4.5	3.9	3.4	2.8	2.8	2.8	2.8
57.5°	5.0	4.5	3.9	3.4	2.8	2.8	2.2	2.2	2.2	2.2	2.2
60°	3.4	2.8	2.8	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
61°	2.8	2.8	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
62°	2.8	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
63°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
64°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
65°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
66°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2



TEST NUMBER: P175567

CATALOG NUMBER: LDA6A20827D010TE 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°	1.7	1.7	1.7	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
75°	1.7	1.7	1.7	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
77.5°	1.7	1.7	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
80°	1.7	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.8
82.5°	1.7	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.8
85°	1.7	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.8
87.5°	1.7	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
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: P175567

CATALOG NUMBER: LDA6A20827D010TE LAR35FL 6LAL1 30° Tilt

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
0°	102.1	102.1	102.1	102.1	102.1	102.1	102.1	102.1
2.5°	106.0	104.4	101.6	99.9	84.2	75.7	67.9	67.3
5°	108.3	103.8	99.3	95.4	69.6	57.8	49.9	48.8
7.5°	106.0	99.3	93.1	88.7	58.4	45.4	38.7	37.6
10°	99.9	92.6	85.3	79.7	49.9	38.7	32.5	31.4
12.5°	92.0	84.2	76.9	70.7	43.2	34.8	29.7	28.6
15°	83.0	75.2	69.0	63.4	39.8	32.0	28.6	27.5
17.5°	74.6	67.3	61.7	56.7	37.0	30.9	29.2	29.7
20°	66.2	60.6	55.5	51.6	38.2	36.5	42.1	47.1
22.5°	61.2	57.2	54.4	51.6	58.9	90.9	205.4	243.5
25°	64.0	63.4	65.1	69.0	120.6	152.6	134.7	136.3
26°	67.3	68.5	71.3	75.2	103.2	95.9	88.1	94.3
27°	65.1	65.6	65.1	64.5	67.9	67.3	70.7	76.9
28°	54.4	53.3	52.2	50.5	51.6	57.2	65.1	70.1
29°	47.1	46.0	44.3	42.6	44.9	55.5	62.8	66.2
30°	42.6	41.0	39.3	38.2	44.9	55.0	60.0	61.7
31°	39.8	38.7	37.6	37.6	45.4	52.2	55.0	55.5
32°	39.8	38.7	38.2	38.2	42.1	46.6	48.3	48.8
33°	38.7	37.6	35.9	35.3	37.0	40.4	42.1	42.1
34°	34.2	33.1	32.0	30.3	32.0	34.8	36.5	35.9
35°	29.7	28.6	27.5	26.4	27.5	30.3	30.9	30.3
36°	25.8	24.7	23.6	22.4	23.6	25.8	26.4	25.8
37°	23.0	21.9	20.8	19.6	19.6	22.4	23.0	21.9
38°	20.8	19.1	18.0	17.4	17.4	19.6	19.6	18.5
39°	18.5	17.4	16.3	15.1	15.1	16.8	16.8	15.7
40°	16.3	15.1	14.0	13.5	13.5	14.6	14.6	13.5
42.5°	11.8	11.2	10.7	10.1	10.1	11.2	10.7	9.5
45°	9.0	8.4	7.9	7.9	7.9	8.4	7.3	6.7
47.5°	6.2	6.2	5.6	5.6	5.6	6.2	5.6	5.0
50°	4.5	4.5	3.9	3.9	4.5	4.5	3.9	2.8
51°	3.9	3.9	3.9	3.4	3.9	3.9	3.4	2.8
52°	3.4	3.4	3.4	3.4	3.4	3.4	2.8	2.2
53°	2.8	2.8	2.8	2.8	2.8	2.8	2.2	1.7
54°	2.8	2.8	2.8	2.8	2.8	2.8	1.7	1.7
55°	2.8	2.8	2.8	2.8	2.8	2.2	1.7	1.1
57.5°	2.2	2.2	2.2	2.2	2.2	2.2	1.7	1.1
60°	2.2	2.2	2.2	2.2	2.2	2.2	1.1	0.6
61°	2.2	2.2	2.2	2.2	2.8	2.2	1.1	0.6
62°	2.2	2.2	2.2	2.2	2.8	2.2	1.1	0.6
63°	2.2	2.2	2.2	2.2	2.8	2.2	1.1	0.6
64°	2.2	2.2	2.2	2.8	2.8	2.2	1.1	0.6
65°	2.2	2.2	2.8	2.8	2.8	2.2	1.1	0.6
66°	2.2	2.8	2.8	2.8	2.8	2.2	1.1	0.6



TEST NUMBER: P175567

CATALOG NUMBER: LDA6A20827D010TE LAR35FL 6LAL1 30° Tilt

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
72.5°	2.2	2.8	2.8	2.8	2.8	2.2	1.7	1.1
75°	2.2	2.8	2.8	2.8	2.8	2.2	1.7	1.1
77.5°	2.8	2.8	2.8	2.8	2.8	2.2	1.7	1.1
80°	2.8	2.8	2.8	2.8	2.8	2.2	1.7	1.1
82.5°	2.8	2.8	2.8	2.8	2.8	2.2	1.7	1.1
85°	2.8	2.8	2.8	2.8	2.8	2.2	1.7	1.1
87.5°	2.8	2.8	2.8	2.8	2.8	2.2	1.1	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°	4.5	3.9	3.9	3.9	3.9	3.4	3.4	3.4	2.8	2.8	2.2
70°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.1





67.5°	2.2	2.2	2.2	2.2	1.7	1.7	1.7	1.7	1.7	1.7	1.7
70°	1.1	1.1	1.1	1.1	1.1	1.1	1.7	1.7	1.7	1.7	1.7





67.5°	1.7	1.7	1.7	1.7	2.2	2.2	2.2	2.2	2.2	2.2	2.2
70°	1.7	1.7	1.7	1.7	2.2	2.2	2.2	2.2	2.2	2.2	2.2





67.5°	2.2	2.8	2.8	2.8	2.8	2.2	1.1	1.1
70°	2.2	2.2	2.8	2.8	2.8	2.2	1.7	1.1



(END OF REPORT)