

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: P175587

Luminaire Tested: **LDA6A15927D010TE LAR35FL 6LAL1 30° Tilt**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P175587
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: LDA6A15927D010TE 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 / 2700K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 905.4 lumens
Efficiency: N/A
Efficacy: 40.7 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

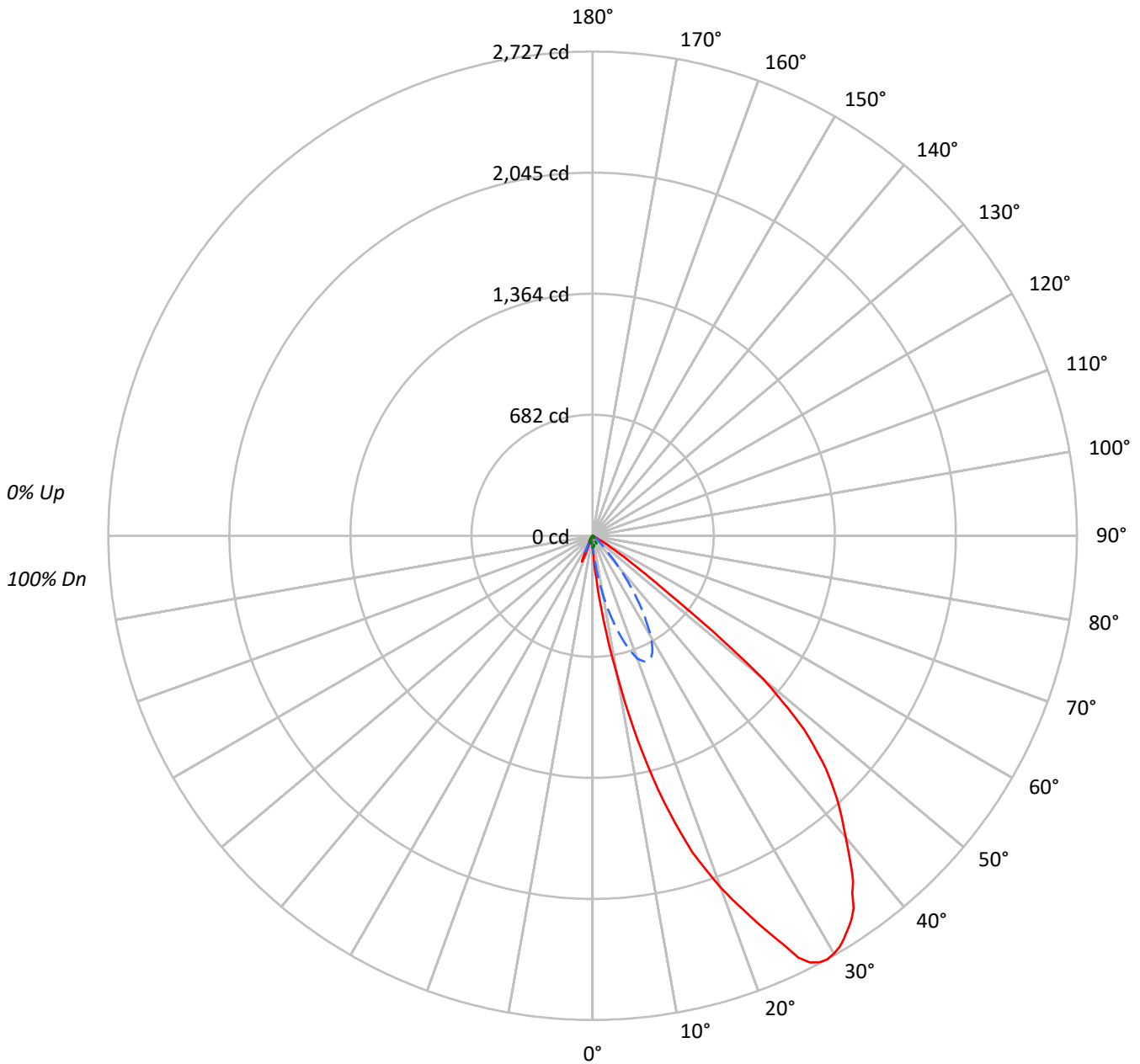
Input Watts (W): 22.27
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20									20									20									20									
RC	80									50									30									10									0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0																
RCR																																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100																			
1	112	109	106	103	110	107	104	101	103	100	98	99	97	95	95	94	93	91																			
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	85	83	81																			
3	98	90	84	79	96	88	83	78	86	81	77	83	79	75	81	77	74	72																			
4	91	82	75	69	89	80	74	69	78	72	68	76	71	67	74	70	66	65																			
5	85	74	67	61	83	73	66	61	71	65	60	69	64	60	68	63	59	58																			
6	79	68	60	55	77	67	60	54	65	59	54	63	58	54	62	57	53	51																			
7	73	62	54	49	72	61	54	49	59	53	48	58	52	48	57	52	48	46																			
8	68	56	49	44	67	56	49	44	54	48	43	53	47	43	52	47	43	41																			
9	64	52	44	39	62	51	44	39	50	44	39	49	43	39	48	43	39	37																			
10	60	48	40	36	58	47	40	36	46	40	35	45	39	35	44	39	35	34																			

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°
0°	3629	3629	3629
5°	13708	3401	1739
10°	44561	2872	1136
15°	88014	2333	1010
20°	122937	1954	1785
25°	153535	2704	5347
30°	172001	1564	2532
35°	171477	1144	1312
40°	158740	623	623
45°	144170	395	341
50°	106922	213	154
55°	26102	172	67
60°	4627	164	44
65°	843	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°	12.6	1.4
10°-20°	102.1	11.3
20°-30°	247.9	27.4
30°-40°	292.7	32.3
40°-50°	207.6	22.9
50°-60°	37.7	4.2
60°-70°	2.4	0.3
70°-80°	1.3	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°	362.7	40.1
0°-40°	655.4	72.4
0°-60°	900.6	99.5
0°-90°	905.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	905.4	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	66	66	66	66	66	
5°	249	143	62	38	32	42
15°	1551	564	41	21	18	448
25°	2538	765	45	99	88	1168
35°	2562	439	17	20	20	1578
45°	1860	84	5	6	4	1396
55°	273	11	2	2	1	355
65°	6	2	2	2	0	10
75°	0	1	2	2	1	0
85°	0	1	2	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°	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
2.5°	110.9	108.4	108.4	109.5	109.8	107.7	107.7	104.7	103.3	103.7	100.7
5°	249.1	254.2	244.0	245.5	244.4	237.5	234.6	224.8	218.2	215.0	204.4
7.5°	486.6	479.0	463.7	464.5	460.5	449.2	439.7	422.6	408.1	397.5	378.3
10°	800.5	802.7	778.3	776.1	766.7	745.2	724.1	691.0	661.2	637.9	602.3
12.5°	1184.6	1162.4	1153.7	1147.5	1132.2	1102.8	1070.0	1024.2	978.7	939.8	884.9
15°	1550.8	1538.5	1525.4	1514.8	1495.6	1458.5	1417.4	1359.9	1300.6	1249.3	1179.9
17.5°	1867.3	1852.4	1836.7	1824.3	1790.5	1764.3	1709.1	1661.4	1593.8	1532.7	1449.0
20°	2107.3	2099.3	2081.1	2064.0	2028.0	1993.8	1936.4	1882.2	1807.3	1729.8	1649.8
22.5°	2319.7	2307.7	2284.8	2259.0	2213.9	2168.8	2102.6	2042.2	1960.4	1877.8	1791.6
25°	2538.3	2532.8	2497.9	2456.5	2392.8	2329.2	2246.6	2172.1	2079.7	1992.7	1892.4
26°	2644.1	2619.4	2583.8	2535.4	2460.5	2383.4	2293.9	2212.1	2113.5	2018.2	1917.8
27°	2696.9	2677.6	2646.3	2597.2	2519.0	2428.1	2329.5	2241.5	2137.1	2038.6	1934.6
28°	2721.2	2704.9	2679.1	2633.6	2557.6	2455.4	2351.7	2258.6	2149.9	2048.0	1940.7
29°	2726.7	2714.0	2691.4	2649.6	2578.3	2473.9	2363.4	2266.3	2155.3	2051.3	1942.2
30°	2717.2	2710.0	2692.5	2652.5	2583.8	2479.4	2365.5	2266.3	2153.9	2048.0	1936.4
31°	2701.6	2697.2	2682.7	2645.2	2578.3	2472.5	2357.2	2257.5	2144.4	2037.5	1923.3
32°	2672.1	2676.1	2664.1	2627.4	2561.2	2454.6	2340.8	2242.2	2128.8	2020.7	1903.3
33°	2640.9	2650.7	2639.8	2600.1	2531.8	2425.9	2316.4	2220.4	2106.6	1997.5	1877.1
34°	2606.7	2618.0	2604.1	2559.4	2488.8	2386.6	2283.3	2190.2	2077.1	1967.6	1842.9
35°	2562.3	2571.8	2553.6	2506.3	2434.3	2337.5	2242.2	2151.3	2039.7	1928.4	1800.7
36°	2487.7	2510.7	2491.7	2443.0	2372.5	2284.1	2195.7	2107.3	1996.7	1885.1	1754.5
37°	2437.6	2441.9	2423.4	2373.9	2308.8	2230.2	2146.6	2060.4	1951.3	1836.7	1704.0
38°	2365.2	2367.0	2348.4	2302.3	2245.9	2173.9	2093.9	2009.8	1900.7	1784.3	1647.6
39°	2289.5	2289.2	2272.4	2232.8	2182.6	2113.9	2036.4	1953.8	1843.3	1724.0	1581.8
40°	2218.2	2217.1	2202.6	2166.2	2117.5	2050.9	1974.9	1892.0	1779.2	1657.0	1509.0
42.5°	2049.5	2042.2	2027.7	1992.0	1945.5	1879.6	1800.3	1710.9	1591.2	1453.4	1286.1
45°	1859.6	1844.0	1828.7	1787.6	1735.2	1664.7	1575.6	1474.1	1340.3	1189.3	1015.5
47.5°	1616.7	1595.6	1580.7	1533.7	1474.1	1394.8	1293.0	1182.4	1041.3	879.4	702.0
50°	1253.7	1206.8	1191.1	1117.3	1036.9	934.4	806.3	678.3	536.1	403.7	282.6
51°	995.8	943.5	928.2	852.5	774.7	680.1	563.7	455.4	344.8	254.6	189.1
52°	727.8	679.0	665.2	596.8	531.4	455.4	368.8	297.5	235.3	190.2	152.8
53°	502.3	470.6	458.3	412.4	369.2	320.4	268.1	224.8	184.8	152.8	124.8
54°	370.6	349.2	339.3	306.2	275.0	240.8	204.8	175.3	147.7	124.0	100.7
55°	273.1	257.1	250.2	227.3	206.9	183.7	159.7	138.6	117.1	97.5	76.4
57.5°	123.7	115.7	112.7	102.9	94.9	88.0	71.7	60.0	48.7	39.3	30.6
60°	42.2	38.9	37.8	34.2	32.0	29.8	25.1	21.5	18.5	16.0	13.5
61°	26.9	25.1	24.4	22.5	21.5	20.4	17.5	15.3	13.5	12.0	10.2
62°	18.2	17.1	16.7	15.6	14.9	14.5	12.7	11.3	9.8	8.7	7.6
63°	12.7	12.0	12.0	11.3	10.9	10.5	9.1	8.4	7.3	6.5	5.8
64°	9.1	8.7	8.4	8.0	7.6	7.6	6.5	6.2	5.5	5.1	4.4
65°	6.5	6.2	6.2	5.8	5.8	5.5	5.1	4.4	4.0	3.6	3.3
66°	4.7	4.4	4.4	4.4	4.0	4.0	3.6	3.3	2.9	2.9	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°	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
2.5°	101.5	98.9	98.2	97.5	96.4	95.3	92.0	91.3	90.6	87.7	86.9
5°	201.5	191.3	184.8	177.9	170.6	162.2	148.8	142.6	136.0	124.8	119.3
7.5°	367.0	346.2	329.5	312.4	295.3	275.3	249.1	233.5	216.8	194.6	179.7
10°	575.4	537.2	504.5	472.8	442.3	407.4	373.2	339.0	309.9	275.3	247.3
12.5°	837.6	775.4	721.6	668.5	616.1	560.1	505.6	452.4	400.8	355.0	311.7
15°	1117.7	1037.3	962.0	886.4	807.1	723.0	640.8	564.1	491.0	427.0	368.4
17.5°	1356.6	1265.3	1169.0	1074.8	973.6	860.9	760.1	661.2	567.4	484.8	409.5
20°	1550.1	1446.1	1331.9	1219.9	1096.2	975.5	854.7	736.9	617.9	517.2	426.3
22.5°	1688.7	1578.1	1453.4	1326.1	1185.0	1045.7	905.6	767.1	633.2	519.0	417.9
25°	1781.8	1661.4	1526.1	1385.0	1227.5	1074.0	916.9	765.2	619.0	497.2	389.9
26°	1804.0	1680.7	1541.7	1395.2	1233.7	1076.2	911.4	755.1	605.6	481.2	372.8
27°	1818.2	1691.2	1548.7	1397.7	1233.3	1078.8	899.1	739.0	586.7	461.5	353.2
28°	1823.3	1693.8	1548.3	1392.6	1225.0	1053.7	879.8	716.1	565.9	437.9	330.6
29°	1822.5	1690.5	1541.0	1380.3	1209.3	1032.6	853.3	687.8	537.6	411.4	306.2
30°	1815.3	1679.6	1526.1	1359.5	1185.7	1003.1	819.1	653.6	506.3	382.3	279.7
31°	1800.3	1661.0	1502.1	1329.0	1152.9	965.6	779.1	615.0	471.7	351.0	252.4
32°	1777.8	1634.5	1469.7	1291.2	1112.9	922.0	734.0	567.7	435.0	319.0	228.8
33°	1748.7	1600.7	1430.8	1246.8	1067.8	871.8	684.1	534.6	397.5	286.6	197.9
34°	1711.6	1559.6	1383.5	1195.5	1015.5	816.2	632.5	484.1	359.7	253.9	174.6
35°	1667.2	1510.1	1329.7	1138.8	957.3	755.8	585.6	439.0	321.2	221.1	148.4
36°	1617.4	1455.2	1269.3	1077.7	893.6	694.3	532.1	393.9	283.0	189.1	125.1
37°	1562.8	1394.8	1205.3	1010.7	825.2	630.7	478.6	349.5	245.5	158.6	106.6
38°	1501.4	1327.2	1134.4	936.9	752.1	567.4	425.9	305.1	208.0	131.3	93.1
39°	1430.1	1250.1	1057.3	855.4	677.2	503.7	373.9	261.5	172.8	109.5	82.9
40°	1350.8	1168.2	972.9	769.2	601.6	441.9	323.0	219.3	141.1	94.6	74.2
42.5°	1118.0	928.5	732.5	565.6	425.5	300.4	206.9	131.3	91.3	70.2	54.6
45°	843.1	665.6	505.9	380.8	276.8	180.0	117.8	83.7	64.7	48.7	38.2
47.5°	551.7	414.6	295.0	204.8	138.6	92.4	72.0	54.6	42.2	32.4	25.8
50°	208.0	153.5	119.3	95.3	75.3	57.1	45.1	34.6	26.6	20.4	16.4
51°	153.8	124.0	97.8	78.2	62.2	47.3	36.7	27.3	21.1	16.4	13.5
52°	126.2	101.8	80.4	64.0	50.6	36.7	28.4	21.5	17.1	13.5	10.9
53°	103.3	82.9	64.7	50.6	38.6	28.0	21.8	17.1	13.8	10.9	9.1
54°	82.2	64.4	48.4	37.1	28.7	21.1	17.1	13.5	10.9	9.1	7.6
55°	61.1	46.6	34.6	27.3	21.5	16.4	13.5	10.9	9.1	7.3	6.2
57.5°	25.1	20.0	16.4	13.5	11.3	9.1	7.6	6.5	5.5	4.4	3.6
60°	11.6	9.8	8.7	7.3	6.2	5.1	4.4	4.0	3.3	2.9	2.5
61°	9.1	7.6	6.5	5.8	5.1	4.0	3.6	3.3	2.9	2.5	2.2
62°	6.9	5.8	5.1	4.4	4.0	3.3	2.9	2.5	2.2	2.2	1.8
63°	5.1	4.4	4.0	3.6	3.3	2.9	2.5	2.2	2.2	1.8	1.8
64°	4.0	3.6	3.3	2.9	2.5	2.2	2.2	1.8	1.8	1.5	1.5
65°	2.9	2.9	2.5	2.2	2.2	1.8	1.8	1.8	1.5	1.5	1.5
66°	2.5	2.2	1.8	1.8	1.8	1.5	1.5	1.5	1.5	1.5	1.5



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CATALOG NUMBER: LDA6A15927D010TE 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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CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
2.5°	85.1	84.7	82.2	81.1	79.7	77.8	76.4	75.3	73.5	72.0	70.6
5°	111.7	107.7	101.1	96.7	92.7	88.7	85.5	82.6	79.3	76.4	73.5
7.5°	161.1	147.7	131.3	118.9	108.7	99.7	93.1	87.7	82.6	78.2	73.1
10°	216.4	191.7	166.6	142.9	124.4	108.7	97.8	89.5	82.6	76.7	70.2
12.5°	267.3	231.0	194.2	162.6	135.3	113.8	98.9	88.4	80.4	73.1	65.5
15°	310.6	261.9	215.3	174.6	140.8	114.2	97.1	85.5	76.4	67.6	60.0
17.5°	337.9	276.1	221.1	174.2	137.1	108.4	91.3	80.0	69.8	61.1	53.8
20°	343.7	272.8	212.8	161.5	124.4	97.5	83.3	71.7	61.5	53.8	47.6
22.5°	329.2	254.2	190.6	139.7	106.6	86.2	74.2	62.9	54.6	48.4	43.3
25°	297.9	221.9	160.0	114.6	91.3	76.0	65.1	56.0	49.8	45.8	42.9
26°	281.5	205.9	146.2	105.5	86.2	72.4	62.2	54.2	49.1	46.2	44.0
27°	262.6	188.8	132.4	97.5	81.5	67.6	58.6	51.3	46.6	44.0	42.6
28°	241.9	170.6	119.3	90.2	75.7	61.8	53.5	46.6	41.8	38.9	36.4
29°	220.0	152.4	107.3	83.7	69.8	56.7	48.7	42.2	37.5	34.6	32.0
30°	197.1	134.9	97.1	77.8	64.0	52.0	44.7	38.6	34.2	31.3	28.7
31°	174.9	118.9	89.8	71.7	58.9	48.0	41.5	36.4	32.0	29.1	27.3
32°	152.8	105.5	82.9	65.8	54.2	45.1	38.6	34.2	30.6	28.0	26.6
33°	132.8	94.2	76.7	60.4	50.2	42.2	36.7	32.7	29.5	27.3	25.8
34°	114.9	86.6	69.8	54.9	46.2	38.9	33.8	30.2	26.9	25.1	23.3
35°	100.4	78.6	62.9	49.5	41.5	34.9	30.6	26.9	24.0	22.2	20.4
36°	89.1	70.6	56.0	44.0	37.1	31.6	27.3	24.0	21.5	19.6	18.2
37°	80.4	63.3	50.2	39.6	33.8	28.4	24.7	21.8	19.3	17.5	16.0
38°	72.4	56.4	45.1	36.0	30.6	25.8	22.2	20.0	17.5	15.6	14.2
39°	64.4	49.5	40.4	32.7	28.0	23.6	20.4	18.2	15.6	14.2	12.7
40°	57.1	44.4	36.4	29.5	25.5	21.1	18.5	16.4	14.2	12.7	11.3
42.5°	42.2	33.1	27.6	22.5	19.3	16.4	14.2	12.0	10.5	9.5	8.4
45°	30.2	24.0	20.0	16.4	13.8	11.6	9.8	8.7	7.6	6.9	6.2
47.5°	20.4	16.4	13.8	10.9	9.5	8.0	6.9	6.2	5.5	4.7	4.4
50°	13.1	10.5	9.1	7.3	6.2	5.5	4.7	4.0	3.6	3.3	3.3
51°	10.9	8.7	7.6	6.2	5.5	4.7	4.0	3.6	3.3	2.9	2.5
52°	9.1	7.3	6.2	5.1	4.4	4.0	3.3	2.9	2.5	2.5	2.5
53°	7.6	6.2	5.5	4.4	4.0	3.3	2.9	2.5	2.2	2.2	2.2
54°	6.2	5.1	4.4	3.6	3.3	2.9	2.5	2.2	2.2	1.8	1.8
55°	5.1	4.4	3.6	3.3	2.9	2.5	2.2	1.8	1.8	1.8	1.8
57.5°	3.3	2.9	2.5	2.2	1.8	1.8	1.5	1.5	1.5	1.5	1.5
60°	2.2	1.8	1.8	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
61°	1.8	1.8	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
62°	1.8	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
63°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
64°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
65°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
66°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5



TEST NUMBER: P175587

CATALOG NUMBER: LDA6A15927D010TE 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	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
75°	1.1	1.1	1.1	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
77.5°	1.1	1.1	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
80°	1.1	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.8
82.5°	1.1	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.8
85°	1.1	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.8
87.5°	1.1	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
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: P175587

CATALOG NUMBER: LDA6A15927D010TE LAR35FL 6LAL1 30° Tilt

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
0°	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
2.5°	68.7	67.6	65.8	64.7	54.6	49.1	44.0	43.6
5°	70.2	67.3	64.4	61.8	45.1	37.5	32.4	31.6
7.5°	68.7	64.4	60.4	57.5	37.8	29.5	25.1	24.4
10°	64.7	60.0	55.3	51.6	32.4	25.1	21.1	20.4
12.5°	59.6	54.6	49.8	45.8	28.0	22.5	19.3	18.5
15°	53.8	48.7	44.7	41.1	25.8	20.7	18.5	17.8
17.5°	48.4	43.6	40.0	36.7	24.0	20.0	18.9	19.3
20°	42.9	39.3	36.0	33.5	24.7	23.6	27.3	30.6
22.5°	39.6	37.1	35.3	33.5	38.2	58.9	133.1	157.8
25°	41.5	41.1	42.2	44.7	78.2	98.9	87.3	88.4
26°	43.6	44.4	46.2	48.7	66.9	62.2	57.1	61.1
27°	42.2	42.6	42.2	41.8	44.0	43.6	45.8	49.8
28°	35.3	34.6	33.8	32.7	33.5	37.1	42.2	45.5
29°	30.6	29.8	28.7	27.6	29.1	36.0	40.7	42.9
30°	27.6	26.6	25.5	24.7	29.1	35.6	38.9	40.0
31°	25.8	25.1	24.4	24.4	29.5	33.8	35.6	36.0
32°	25.8	25.1	24.7	24.7	27.3	30.2	31.3	31.6
33°	25.1	24.4	23.3	22.9	24.0	26.2	27.3	27.3
34°	22.2	21.5	20.7	19.6	20.7	22.5	23.6	23.3
35°	19.3	18.5	17.8	17.1	17.8	19.6	20.0	19.6
36°	16.7	16.0	15.3	14.5	15.3	16.7	17.1	16.7
37°	14.9	14.2	13.5	12.7	12.7	14.5	14.9	14.2
38°	13.5	12.4	11.6	11.3	11.3	12.7	12.7	12.0
39°	12.0	11.3	10.5	9.8	9.8	10.9	10.9	10.2
40°	10.5	9.8	9.1	8.7	8.7	9.5	9.5	8.7
42.5°	7.6	7.3	6.9	6.5	6.5	7.3	6.9	6.2
45°	5.8	5.5	5.1	5.1	5.1	5.5	4.7	4.4
47.5°	4.0	4.0	3.6	3.6	3.6	4.0	3.6	3.3
50°	2.9	2.9	2.5	2.5	2.9	2.9	2.5	1.8
51°	2.5	2.5	2.5	2.2	2.5	2.5	2.2	1.8
52°	2.2	2.2	2.2	2.2	2.2	2.2	1.8	1.5
53°	1.8	1.8	1.8	1.8	1.8	1.8	1.5	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	1.5	1.1	0.7
57.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.1	0.7
60°	1.5	1.5	1.5	1.5	1.5	1.5	0.7	0.4
61°	1.5	1.5	1.5	1.5	1.8	1.5	0.7	0.4
62°	1.5	1.5	1.5	1.5	1.8	1.5	0.7	0.4
63°	1.5	1.5	1.5	1.5	1.8	1.5	0.7	0.4
64°	1.5	1.5	1.5	1.8	1.8	1.5	0.7	0.4
65°	1.5	1.5	1.8	1.8	1.8	1.5	0.7	0.4
66°	1.5	1.8	1.8	1.8	1.8	1.5	0.7	0.4



TEST NUMBER: P175587

CATALOG NUMBER: LDA6A15927D010TE LAR35FL 6LAL1 30° Tilt

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
72.5°	1.5	1.8	1.8	1.8	1.8	1.5	1.1	0.7
75°	1.5	1.8	1.8	1.8	1.8	1.5	1.1	0.7
77.5°	1.8	1.8	1.8	1.8	1.8	1.5	1.1	0.7
80°	1.8	1.8	1.8	1.8	1.8	1.5	1.1	0.7
82.5°	1.8	1.8	1.8	1.8	1.8	1.5	1.1	0.7
85°	1.8	1.8	1.8	1.8	1.8	1.5	1.1	0.7
87.5°	1.8	1.8	1.8	1.8	1.8	1.5	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°	2.9	2.5	2.5	2.5	2.5	2.2	2.2	2.2	1.8	1.8	1.5
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°	1.5	1.5	1.5	1.5	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	1.5	1.5	1.5	1.5	1.5	1.5	1.5
70°	1.1	1.1	1.1	1.1	1.5	1.5	1.5	1.5	1.5	1.5	1.5





67.5°	1.5	1.8	1.8	1.8	1.8	1.5	0.7	0.7
70°	1.5	1.5	1.8	1.8	1.8	1.5	1.1	0.7



(END OF REPORT)