

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: P175581

Luminaire Tested: **LDA6A10935D010TE LAR35FL 6LAL1 30° Tilt**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P175581
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: LDA6A10935D010TE 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: 708.7 lumens
Efficiency: N/A
Efficacy: 51.2 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

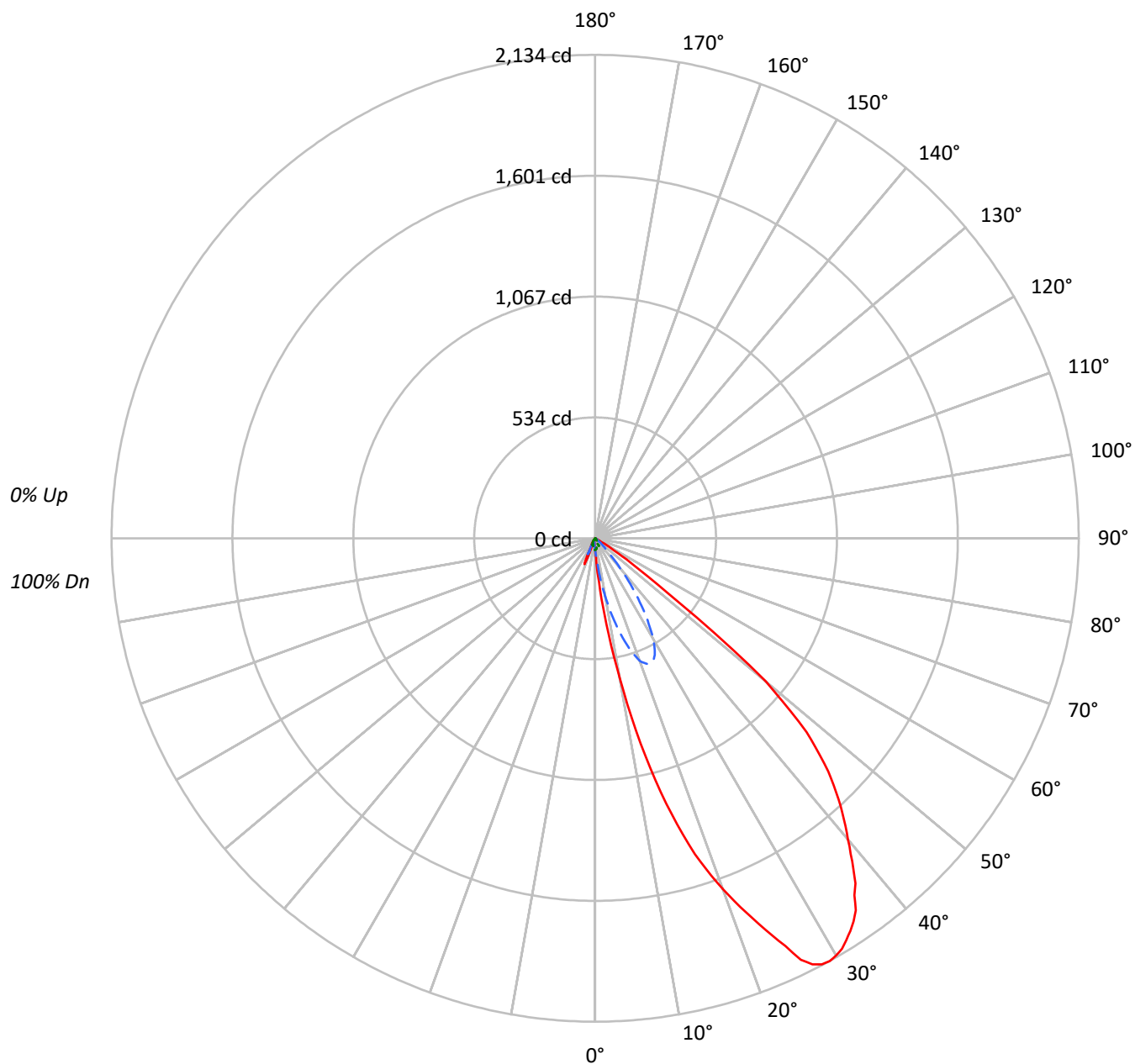
Input Watts (W): 13.84
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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				0
RW	70	50	30	10	70	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°	2840	2840	2840
5°	10731	2663	1365
10°	34880	2249	885
15°	68894	1827	789
20°	96229	1528	1394
25°	120176	2117	4186
30°	134635	1228	1981
35°	134221	897	1031
40°	124254	487	487
45°	112849	310	264
50°	83690	171	119
55°	20434	134	57
60°	3618	121	33
65°	662	182	39
70°	144	224	96
75°	0	297	127
80°	0	442	189
85°	0	881	377



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.9	1.4
10°-20°	79.9	11.3
20°-30°	194.0	27.4
30°-40°	229.1	32.3
40°-50°	162.5	22.9
50°-60°	29.5	4.2
60°-70°	1.9	0.3
70°-80°	1.0	0.1
80°-90°	0.9	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°	283.9	40.1
0°-40°	513.0	72.4
0°-60°	704.9	99.5
0°-90°	708.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	708.7	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	52	52	52	52	52	
5°	195	112	48	29	25	33
15°	1214	442	32	16	14	351
25°	1987	599	35	77	69	914
35°	2006	344	13	15	15	1236
45°	1456	66	4	4	3	1093
55°	214	8	1	1	1	277
65°	5	1	1	1	0	8
75°	0	1	1	1	1	0
85°	0	1	1	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°	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
2.5°	86.8	84.8	84.8	85.7	86.0	84.3	84.3	82.0	80.9	81.1	78.9
5°	195.0	199.0	191.0	192.2	191.3	185.9	183.6	175.9	170.8	168.2	160.0
7.5°	380.9	374.9	363.0	363.5	360.4	351.6	344.2	330.8	319.4	311.2	296.1
10°	626.6	628.3	609.2	607.5	600.1	583.3	566.8	540.9	517.6	499.3	471.4
12.5°	927.2	909.9	903.0	898.2	886.2	863.2	837.5	801.7	766.1	735.6	692.6
15°	1213.9	1204.2	1194.0	1185.7	1170.6	1141.6	1109.4	1064.4	1018.0	977.9	923.5
17.5°	1461.6	1449.9	1437.7	1428.0	1401.5	1381.0	1337.7	1300.4	1247.5	1199.7	1134.2
20°	1649.5	1643.2	1629.0	1615.6	1587.4	1560.7	1515.7	1473.3	1414.6	1354.0	1291.3
22.5°	1815.7	1806.3	1788.4	1768.2	1732.9	1697.6	1645.8	1598.5	1534.5	1469.8	1402.4
25°	1986.8	1982.6	1955.2	1922.8	1873.0	1823.1	1758.5	1700.1	1627.8	1559.8	1481.2
26°	2069.7	2050.3	2022.4	1984.5	1925.9	1865.6	1795.5	1731.5	1654.3	1579.7	1501.2
27°	2111.0	2095.9	2071.4	2032.9	1971.7	1900.6	1823.4	1754.5	1672.8	1595.7	1514.2
28°	2130.0	2117.2	2097.0	2061.4	2001.9	1921.9	1840.8	1767.9	1682.8	1603.1	1519.1
29°	2134.3	2124.3	2106.7	2073.9	2018.1	1936.4	1849.9	1773.9	1687.1	1605.6	1520.2
30°	2126.9	2121.2	2107.5	2076.2	2022.4	1940.7	1851.6	1773.9	1685.9	1603.1	1515.7
31°	2114.7	2111.2	2099.8	2070.5	2018.1	1935.3	1845.1	1767.0	1678.5	1594.8	1505.4
32°	2091.6	2094.7	2085.3	2056.6	2004.8	1921.3	1832.2	1755.1	1666.3	1581.7	1489.8
33°	2067.1	2074.8	2066.3	2035.2	1981.7	1898.9	1813.2	1738.0	1648.9	1563.5	1469.3
34°	2040.3	2049.2	2038.4	2003.3	1948.1	1868.1	1787.3	1714.4	1625.8	1540.2	1442.5
35°	2005.6	2013.0	1998.8	1961.8	1905.4	1829.7	1755.1	1683.9	1596.5	1509.4	1409.5
36°	1947.3	1965.2	1950.4	1912.2	1857.0	1787.8	1718.7	1649.5	1562.9	1475.5	1373.3
37°	1908.0	1911.4	1896.9	1858.1	1807.2	1745.7	1680.2	1612.7	1527.3	1437.7	1333.8
38°	1851.3	1852.7	1838.2	1802.1	1757.9	1701.6	1638.9	1573.2	1487.8	1396.7	1289.6
39°	1792.1	1791.8	1778.7	1747.7	1708.4	1654.6	1594.0	1529.3	1442.8	1349.4	1238.1
40°	1736.3	1735.4	1724.1	1695.6	1657.4	1605.3	1545.8	1480.9	1392.7	1297.0	1181.2
42.5°	1604.2	1598.5	1587.1	1559.2	1522.8	1471.3	1409.2	1339.2	1245.5	1137.6	1006.7
45°	1455.6	1443.4	1431.4	1399.2	1358.2	1303.0	1233.3	1153.8	1049.1	930.9	794.8
47.5°	1265.4	1248.9	1237.2	1200.5	1153.8	1091.8	1012.1	925.5	815.1	688.4	549.4
50°	981.3	944.6	932.3	874.6	811.6	731.4	631.1	530.9	419.6	316.0	221.2
51°	779.5	738.5	726.5	667.3	606.4	532.4	441.3	356.4	269.9	199.3	148.0
52°	569.7	531.5	520.7	467.2	415.9	356.4	288.7	232.9	184.2	148.9	119.6
53°	393.2	368.4	358.7	322.8	289.0	250.8	209.8	175.9	144.6	119.6	97.6
54°	290.1	273.3	265.6	239.7	215.2	188.5	160.3	137.2	115.6	97.1	78.9
55°	213.8	201.3	195.9	177.9	162.0	143.8	125.0	108.5	91.7	76.3	59.8
57.5°	96.8	90.5	88.3	80.6	74.3	68.9	56.1	47.0	38.1	30.7	23.9
60°	33.0	30.5	29.6	26.8	25.1	23.3	19.6	16.8	14.5	12.5	10.5
61°	21.1	19.6	19.1	17.7	16.8	15.9	13.7	12.0	10.5	9.4	8.0
62°	14.2	13.4	13.1	12.2	11.7	11.4	10.0	8.8	7.7	6.8	6.0
63°	10.0	9.4	9.4	8.8	8.5	8.3	7.1	6.5	5.7	5.1	4.6
64°	7.1	6.8	6.5	6.3	6.0	6.0	5.1	4.8	4.3	4.0	3.4
65°	5.1	4.8	4.8	4.6	4.6	4.3	4.0	3.4	3.1	2.8	2.6
66°	3.7	3.4	3.4	3.4	3.1	3.1	2.8	2.6	2.3	2.3	2.0



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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°	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
2.5°	79.4	77.4	76.9	76.3	75.4	74.6	72.0	71.5	70.9	68.6	68.0
5°	157.7	149.7	144.6	139.2	133.5	127.0	116.4	111.6	106.5	97.6	93.4
7.5°	287.2	271.0	257.9	244.5	231.2	215.5	195.0	182.8	169.7	152.3	140.6
10°	450.4	420.5	394.9	370.1	346.2	318.8	292.1	265.3	242.6	215.5	193.6
12.5°	655.6	607.0	564.8	523.3	482.3	438.4	395.7	354.1	313.7	277.9	244.0
15°	874.8	811.9	753.0	693.8	631.7	566.0	501.6	441.5	384.3	334.2	288.4
17.5°	1061.9	990.4	915.0	841.2	762.1	673.9	595.0	517.6	444.1	379.5	320.6
20°	1213.3	1131.9	1042.5	954.8	858.0	763.5	669.0	576.8	483.7	404.8	333.7
22.5°	1321.8	1235.3	1137.6	1038.0	927.5	818.5	708.9	600.4	495.6	406.2	327.1
25°	1394.7	1300.4	1194.5	1084.1	960.8	840.7	717.7	599.0	484.5	389.2	305.2
26°	1412.0	1315.5	1206.8	1092.1	965.7	842.4	713.4	591.0	474.0	376.6	291.8
27°	1423.1	1323.8	1212.2	1094.1	965.4	844.4	703.7	578.5	459.2	361.3	276.4
28°	1427.1	1325.8	1211.9	1090.1	958.8	824.7	688.7	560.5	443.0	342.8	258.8
29°	1426.6	1323.2	1206.2	1080.4	946.6	808.2	667.9	538.3	420.8	322.0	239.7
30°	1420.9	1314.7	1194.5	1064.2	928.1	785.2	641.1	511.6	396.3	299.2	218.9
31°	1409.2	1300.2	1175.8	1040.2	902.5	755.8	609.8	481.4	369.2	274.7	197.6
32°	1391.5	1279.4	1150.4	1010.6	871.1	721.7	574.5	444.4	340.5	249.7	179.1
33°	1368.8	1252.9	1120.0	975.9	835.8	682.4	535.5	418.5	311.2	224.3	154.9
34°	1339.7	1220.7	1082.9	935.8	794.8	638.8	495.1	378.9	281.6	198.7	136.6
35°	1305.0	1182.0	1040.8	891.4	749.3	591.6	458.3	343.6	251.4	173.1	116.2
36°	1266.0	1139.0	993.6	843.5	699.5	543.5	416.5	308.3	221.5	148.0	97.9
37°	1223.3	1091.8	943.5	791.1	646.0	493.6	374.6	273.6	192.2	124.1	83.4
38°	1175.2	1038.8	887.9	733.4	588.7	444.1	333.4	238.9	162.8	102.8	72.9
39°	1119.4	978.5	827.6	669.6	530.1	394.3	292.7	204.7	135.2	85.7	64.9
40°	1057.3	914.4	761.5	602.1	470.9	345.9	252.8	171.7	110.5	74.0	58.1
42.5°	875.1	726.8	573.4	442.7	333.1	235.2	162.0	102.8	71.5	54.9	42.7
45°	659.9	521.0	396.0	298.1	216.6	140.9	92.2	65.5	50.7	38.1	29.9
47.5°	431.9	324.5	230.9	160.3	108.5	72.3	56.4	42.7	33.0	25.3	20.2
50°	162.8	120.1	93.4	74.6	58.9	44.7	35.3	27.0	20.8	15.9	12.8
51°	120.4	97.1	76.6	61.2	48.7	37.0	28.8	21.4	16.5	12.8	10.5
52°	98.8	79.7	62.9	50.1	39.6	28.8	22.2	16.8	13.4	10.5	8.5
53°	80.9	64.9	50.7	39.6	30.2	21.9	17.1	13.4	10.8	8.5	7.1
54°	64.3	50.4	37.9	29.0	22.5	16.5	13.4	10.5	8.5	7.1	6.0
55°	47.8	36.4	27.0	21.4	16.8	12.8	10.5	8.5	7.1	5.7	4.8
57.5°	19.6	15.7	12.8	10.5	8.8	7.1	6.0	5.1	4.3	3.4	2.8
60°	9.1	7.7	6.8	5.7	4.8	4.0	3.4	3.1	2.6	2.3	2.0
61°	7.1	6.0	5.1	4.6	4.0	3.1	2.8	2.6	2.3	2.0	1.7
62°	5.4	4.6	4.0	3.4	3.1	2.6	2.3	2.0	1.7	1.7	1.4
63°	4.0	3.4	3.1	2.8	2.6	2.3	2.0	1.7	1.7	1.4	1.4
64°	3.1	2.8	2.6	2.3	2.0	1.7	1.7	1.4	1.4	1.1	1.1
65°	2.3	2.3	2.0	1.7	1.7	1.4	1.4	1.4	1.1	1.1	1.1
66°	2.0	1.7	1.4	1.4	1.4	1.1	1.1	1.1	1.1	1.1	1.1



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CATALOG NUMBER: LDA6A10935D010TE 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°	0.6	0.6	0.6	0.6	0.6	0.6	0.9	0.9	0.9	0.9	0.9
75°	0.6	0.6	0.6	0.6	0.6	0.6	0.9	0.9	0.9	0.9	0.9
77.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.9	0.9	0.9	0.9	0.9
80°	0.6	0.6	0.6	0.6	0.6	0.6	0.9	0.9	0.9	0.9	0.9
82.5°	0.6	0.6	0.6	0.6	0.6	0.9	0.9	0.9	0.9	0.9	0.9
85°	0.6	0.6	0.6	0.6	0.6	0.9	0.9	0.9	0.9	0.9	0.9
87.5°	0.6	0.6	0.6	0.6	0.6	0.9	0.9	0.9	0.9	0.9	0.9
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°	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
2.5°	66.6	66.3	64.3	63.5	62.3	60.9	59.8	58.9	57.5	56.4	55.2
5°	87.4	84.3	79.1	75.7	72.6	69.5	66.9	64.6	62.1	59.8	57.5
7.5°	126.1	115.6	102.8	93.1	85.1	78.0	72.9	68.6	64.6	61.2	57.2
10°	169.4	150.0	130.4	111.9	97.4	85.1	76.6	70.0	64.6	60.1	54.9
12.5°	209.2	180.8	152.0	127.3	105.9	89.1	77.4	69.2	62.9	57.2	51.2
15°	243.1	205.0	168.5	136.6	110.2	89.4	76.0	66.9	59.8	53.0	47.0
17.5°	264.5	216.1	173.1	136.4	107.3	84.8	71.5	62.6	54.7	47.8	42.1
20°	269.0	213.5	166.5	126.4	97.4	76.3	65.2	56.1	48.1	42.1	37.3
22.5°	257.6	199.0	149.2	109.3	83.4	67.5	58.1	49.3	42.7	37.9	33.9
25°	233.2	173.7	125.3	89.7	71.5	59.5	51.0	43.8	39.0	35.9	33.6
26°	220.3	161.1	114.4	82.6	67.5	56.7	48.7	42.4	38.4	36.2	34.4
27°	205.5	147.8	103.6	76.3	63.8	53.0	45.8	40.1	36.4	34.4	33.3
28°	189.3	133.5	93.4	70.6	59.2	48.4	41.8	36.4	32.7	30.5	28.5
29°	172.2	119.3	84.0	65.5	54.7	44.4	38.1	33.0	29.3	27.0	25.1
30°	154.3	105.6	76.0	60.9	50.1	40.7	35.0	30.2	26.8	24.5	22.5
31°	136.9	93.1	70.3	56.1	46.1	37.6	32.5	28.5	25.1	22.8	21.4
32°	119.6	82.6	64.9	51.5	42.4	35.3	30.2	26.8	23.9	21.9	20.8
33°	103.9	73.7	60.1	47.3	39.3	33.0	28.8	25.6	23.1	21.4	20.2
34°	90.0	67.8	54.7	43.0	36.2	30.5	26.5	23.6	21.1	19.6	18.2
35°	78.6	61.5	49.3	38.7	32.5	27.3	23.9	21.1	18.8	17.4	15.9
36°	69.7	55.2	43.8	34.4	29.0	24.8	21.4	18.8	16.8	15.4	14.2
37°	62.9	49.5	39.3	31.0	26.5	22.2	19.4	17.1	15.1	13.7	12.5
38°	56.7	44.1	35.3	28.2	23.9	20.2	17.4	15.7	13.7	12.2	11.1
39°	50.4	38.7	31.6	25.6	21.9	18.5	15.9	14.2	12.2	11.1	10.0
40°	44.7	34.7	28.5	23.1	19.9	16.5	14.5	12.8	11.1	10.0	8.8
42.5°	33.0	25.9	21.6	17.7	15.1	12.8	11.1	9.4	8.3	7.4	6.5
45°	23.6	18.8	15.7	12.8	10.8	9.1	7.7	6.8	6.0	5.4	4.8
47.5°	15.9	12.8	10.8	8.5	7.4	6.3	5.4	4.8	4.3	3.7	3.4
50°	10.2	8.3	7.1	5.7	4.8	4.3	3.7	3.1	2.8	2.6	2.6
51°	8.5	6.8	6.0	4.8	4.3	3.7	3.1	2.8	2.6	2.3	2.0
52°	7.1	5.7	4.8	4.0	3.4	3.1	2.6	2.3	2.0	2.0	2.0
53°	6.0	4.8	4.3	3.4	3.1	2.6	2.3	2.0	1.7	1.7	1.7
54°	4.8	4.0	3.4	2.8	2.6	2.3	2.0	1.7	1.7	1.4	1.4
55°	4.0	3.4	2.8	2.6	2.3	2.0	1.7	1.4	1.4	1.4	1.4
57.5°	2.6	2.3	2.0	1.7	1.4	1.4	1.1	1.1	1.1	1.1	1.1
60°	1.7	1.4	1.4	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
61°	1.4	1.4	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
62°	1.4	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
63°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
64°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
65°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
66°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1



TEST NUMBER: P175581

CATALOG NUMBER: LDA6A10935D010TE 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°	0.9	0.9	0.9	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
75°	0.9	0.9	0.9	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
77.5°	0.9	0.9	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
80°	0.9	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.4
82.5°	0.9	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.4
85°	0.9	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.4
87.5°	0.9	1.1	1.1	1.1	1.1	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



TEST NUMBER: P175581

CATALOG NUMBER: LDA6A10935D010TE LAR35FL 6LAL1 30° Tilt

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
0°	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
2.5°	53.8	53.0	51.5	50.7	42.7	38.4	34.4	34.2
5°	54.9	52.7	50.4	48.4	35.3	29.3	25.3	24.8
7.5°	53.8	50.4	47.3	45.0	29.6	23.1	19.6	19.1
10°	50.7	47.0	43.3	40.4	25.3	19.6	16.5	15.9
12.5°	46.7	42.7	39.0	35.9	21.9	17.7	15.1	14.5
15°	42.1	38.1	35.0	32.2	20.2	16.2	14.5	13.9
17.5°	37.9	34.2	31.3	28.8	18.8	15.7	14.8	15.1
20°	33.6	30.7	28.2	26.2	19.4	18.5	21.4	23.9
22.5°	31.0	29.0	27.6	26.2	29.9	46.1	104.2	123.6
25°	32.5	32.2	33.0	35.0	61.2	77.4	68.3	69.2
26°	34.2	34.7	36.2	38.1	52.4	48.7	44.7	47.8
27°	33.0	33.3	33.0	32.7	34.4	34.2	35.9	39.0
28°	27.6	27.0	26.5	25.6	26.2	29.0	33.0	35.6
29°	23.9	23.3	22.5	21.6	22.8	28.2	31.9	33.6
30°	21.6	20.8	19.9	19.4	22.8	27.9	30.5	31.3
31°	20.2	19.6	19.1	19.1	23.1	26.5	27.9	28.2
32°	20.2	19.6	19.4	19.4	21.4	23.6	24.5	24.8
33°	19.6	19.1	18.2	17.9	18.8	20.5	21.4	21.4
34°	17.4	16.8	16.2	15.4	16.2	17.7	18.5	18.2
35°	15.1	14.5	13.9	13.4	13.9	15.4	15.7	15.4
36°	13.1	12.5	12.0	11.4	12.0	13.1	13.4	13.1
37°	11.7	11.1	10.5	10.0	10.0	11.4	11.7	11.1
38°	10.5	9.7	9.1	8.8	8.8	10.0	10.0	9.4
39°	9.4	8.8	8.3	7.7	7.7	8.5	8.5	8.0
40°	8.3	7.7	7.1	6.8	6.8	7.4	7.4	6.8
42.5°	6.0	5.7	5.4	5.1	5.1	5.7	5.4	4.8
45°	4.6	4.3	4.0	4.0	4.0	4.3	3.7	3.4
47.5°	3.1	3.1	2.8	2.8	2.8	3.1	2.8	2.6
50°	2.3	2.3	2.0	2.0	2.3	2.3	2.0	1.4
51°	2.0	2.0	2.0	1.7	2.0	2.0	1.7	1.4
52°	1.7	1.7	1.7	1.7	1.7	1.7	1.4	1.1
53°	1.4	1.4	1.4	1.4	1.4	1.4	1.1	0.9
54°	1.4	1.4	1.4	1.4	1.4	1.4	0.9	0.9
55°	1.4	1.4	1.4	1.4	1.4	1.1	0.9	0.6
57.5°	1.1	1.1	1.1	1.1	1.1	1.1	0.9	0.6
60°	1.1	1.1	1.1	1.1	1.1	1.1	0.6	0.3
61°	1.1	1.1	1.1	1.1	1.4	1.1	0.6	0.3
62°	1.1	1.1	1.1	1.1	1.4	1.1	0.6	0.3
63°	1.1	1.1	1.1	1.1	1.4	1.1	0.6	0.3
64°	1.1	1.1	1.1	1.4	1.4	1.1	0.6	0.3
65°	1.1	1.1	1.4	1.4	1.4	1.1	0.6	0.3
66°	1.1	1.4	1.4	1.4	1.4	1.1	0.6	0.3



TEST NUMBER: P175581

CATALOG NUMBER: LDA6A10935D010TE LAR35FL 6LAL1 30° Tilt

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
72.5°	1.1	1.4	1.4	1.4	1.4	1.1	0.9	0.6
75°	1.1	1.4	1.4	1.4	1.4	1.1	0.9	0.6
77.5°	1.4	1.4	1.4	1.4	1.4	1.1	0.9	0.6
80°	1.4	1.4	1.4	1.4	1.4	1.1	0.9	0.6
82.5°	1.4	1.4	1.4	1.4	1.4	1.1	0.9	0.6
85°	1.4	1.4	1.4	1.4	1.4	1.1	0.9	0.6
87.5°	1.4	1.4	1.4	1.4	1.4	1.1	0.6	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°	2.3	2.0	2.0	2.0	2.0	1.7	1.7	1.7	1.4	1.4	1.1
70°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.6





67.5°	1.1	1.1	1.1	1.1	0.9	0.9	0.9	0.9	0.9	0.9	0.9
70°	0.6	0.6	0.6	0.6	0.6	0.6	0.9	0.9	0.9	0.9	0.9





67.5°	0.9	0.9	0.9	0.9	1.1	1.1	1.1	1.1	1.1	1.1	1.1
70°	0.9	0.9	0.9	0.9	1.1	1.1	1.1	1.1	1.1	1.1	1.1





67.5°	1.1	1.4	1.4	1.4	1.4	1.1	0.6	0.6
70°	1.1	1.1	1.4	1.4	1.4	1.1	0.9	0.6



(END OF REPORT)