

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: P1192155

Luminaire Tested: **LDA6A35940D010TE LAR35FL 6LAL1 30° Tilt**

Issue Date: 3/3/2020

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

**Test Information**

Test Method: LM-41-14
Report Number: P1192155
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: LDA6A35940D010TE 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 / 4000K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

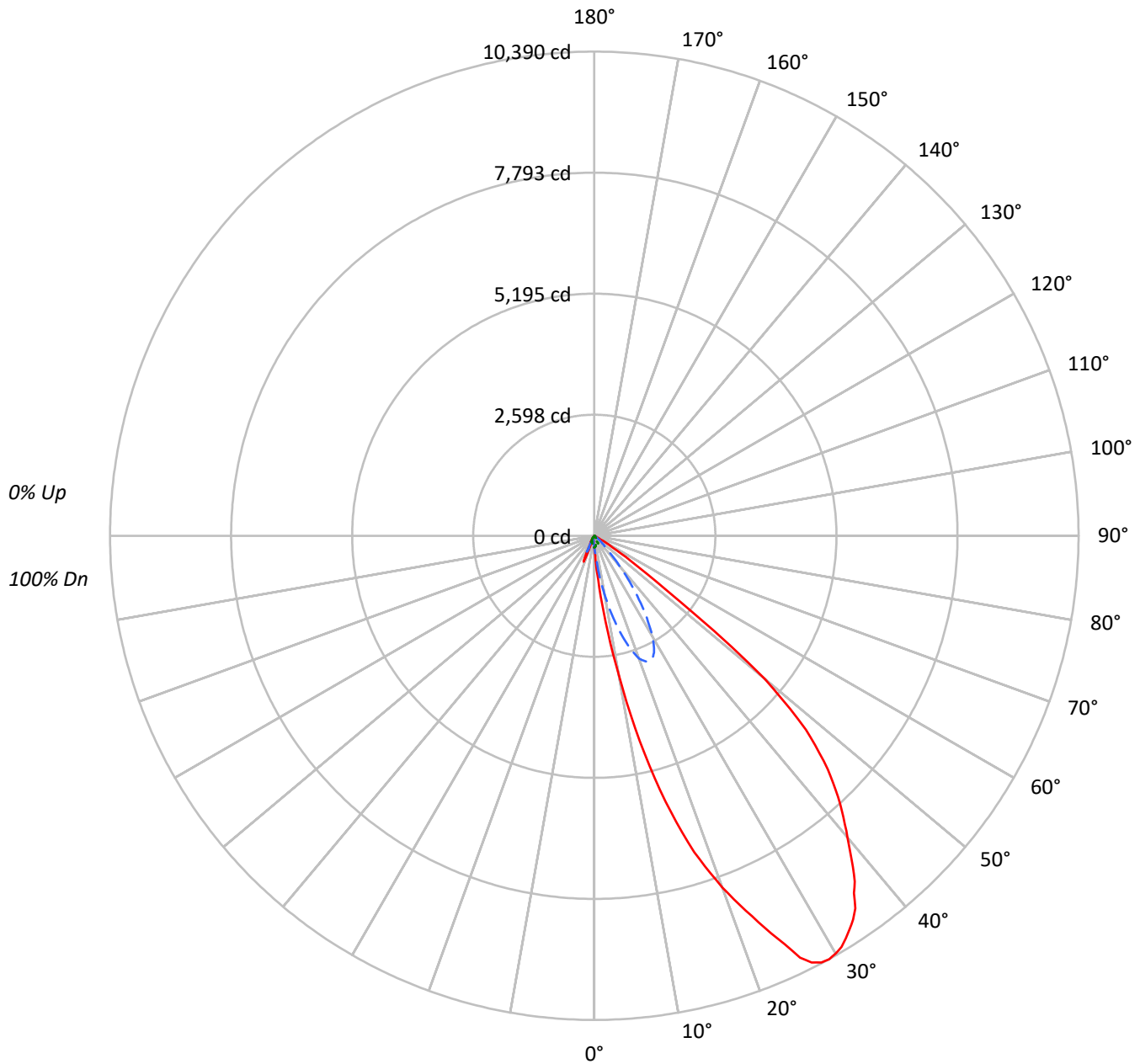
Lumens per Lamp: N/A
Luminaire Lumens: 3449.8 lumens
Efficiency: N/A
Efficacy: 72.3 lumens/watt
Spacing Criteria (0/90/45): 2.79 / 0.61 / 1.4
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 47.7
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	50	30	10
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°	13831	13831	13831
5°	52245	12959	6637
10°	169798	10955	4325
15°	335377	8888	3848
20°	468440	7438	6791
25°	585034	10307	20372
30°	655411	5963	9647
35°	653403	4357	4999
40°	604876	2383	2383
45°	549359	1512	1279
50°	407424	819	588
55°	99485	659	258
60°	17630	592	164
65°	3230	895	195
70°	673	1106	433
75°	0	1461	572
80°	0	2178	852
85°	0	4340	1698



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	48.2	1.4
10°-20°	389.2	11.3
20°-30°	944.6	27.4
30°-40°	1115.2	32.3
40°-50°	791.0	22.9
50°-60°	143.5	4.2
60°-70°	9.1	0.3
70°-80°	4.8	0.1
80°-90°	4.2	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°	1382.0	40.1
0°-40°	2497.2	72.4
0°-60°	3431.7	99.5
0°-90°	3449.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3449.8	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	252	252	252	252	252	
5°	949	543	236	143	121	158
15°	5909	2150	157	79	68	1709
25°	9672	2916	170	377	337	4450
35°	9764	1673	65	75	75	6015
45°	7086	319	20	21	16	5320
55°	1041	42	7	5	3	1351
65°	25	7	7	5	2	40
75°	0	4	7	5	3	1
85°	0	4	7	5	3	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°	252.3	252.3	252.3	252.3	252.3	252.3	252.3	252.3	252.3	252.3	252.3
2.5°	422.7	413.0	413.0	417.2	418.5	410.3	410.3	399.2	393.6	395.0	383.9
5°	949.4	968.6	929.9	935.6	931.4	905.0	893.9	856.4	831.5	819.2	779.0
7.5°	1854.4	1825.3	1767.1	1769.8	1754.5	1711.6	1675.6	1610.5	1555.0	1514.8	1441.3
10°	3050.3	3058.7	2965.7	2957.4	2921.4	2839.7	2759.4	2633.1	2519.4	2430.9	2295.0
12.5°	4513.8	4429.3	4396.0	4372.6	4314.4	4201.9	4077.1	3902.5	3729.4	3581.0	3371.9
15°	5909.3	5862.2	5812.4	5772.2	5698.7	5557.4	5400.8	5181.9	4956.0	4760.4	4495.8
17.5°	7115.1	7058.2	6998.7	6951.6	6822.7	6722.8	6512.2	6330.7	6072.8	5840.0	5521.4
20°	8029.7	7999.4	7929.9	7864.8	7727.7	7597.5	7378.5	7171.8	6886.5	6591.1	6286.3
22.5°	8839.1	8793.4	8706.1	8607.7	8435.9	8264.0	8011.7	7781.7	7470.0	7155.3	6826.9
25°	9672.0	9651.3	9518.2	9360.1	9117.7	8875.1	8560.6	8276.6	7924.4	7593.3	7210.8
26°	10075.2	9981.0	9845.4	9660.9	9375.4	9081.7	8740.7	8429.0	8053.4	7690.2	7307.7
27°	10276.2	10202.9	10083.6	9896.4	9598.6	9252.1	8876.5	8541.2	8143.4	7767.9	7371.6
28°	10369.1	10306.8	10208.4	10035.3	9745.5	9356.2	8961.1	8606.3	8192.0	7803.9	7395.0
29°	10389.9	10341.5	10255.5	10096.2	9824.4	9426.7	9005.5	8635.4	8212.7	7816.4	7400.7
30°	10353.9	10326.2	10259.7	10107.3	9845.4	9447.6	9013.6	8635.4	8207.3	7803.9	7378.5
31°	10294.2	10277.7	10222.2	10079.4	9824.4	9421.3	8981.8	8602.1	8171.0	7763.7	7328.4
32°	10182.0	10197.3	10151.7	10011.6	9759.3	9353.2	8919.4	8543.9	8111.6	7700.0	7252.2
33°	10062.9	10100.4	10058.7	9907.5	9647.1	9243.7	8826.7	8460.8	8027.0	7611.3	7152.6
34°	9932.7	9975.6	9922.8	9752.4	9483.6	9094.0	8700.5	8345.9	7914.8	7497.6	7022.2
35°	9763.5	9799.5	9730.2	9550.0	9275.8	8907.1	8543.9	8197.4	7772.1	7347.9	6861.4
36°	9479.4	9566.7	9494.7	9309.1	9040.0	8703.4	8366.6	8029.7	7608.6	7182.9	6685.6
37°	9288.1	9304.9	9234.1	9045.7	8797.6	8498.3	8179.4	7851.0	7435.2	6998.7	6492.7
38°	9012.4	9019.3	8948.5	8772.7	8557.7	8283.5	7978.4	7658.4	7242.6	6799.0	6278.0
39°	8724.1	8722.7	8659.0	8507.9	8316.8	8054.6	7759.5	7444.8	7023.6	6569.2	6027.2
40°	8452.4	8448.2	8393.0	8254.4	8068.7	7815.0	7525.2	7209.3	6779.8	6314.0	5750.0
42.5°	7809.5	7781.7	7726.2	7590.6	7413.0	7162.2	6860.2	6519.1	6063.2	5537.9	4900.5
45°	7086.0	7026.4	6968.2	6811.6	6612.1	6343.1	6003.5	5616.8	5106.9	4531.8	3869.3
47.5°	6160.3	6079.9	6023.0	5844.2	5616.8	5314.8	4926.9	4505.5	3967.6	3351.2	2674.8
50°	4777.2	4598.4	4538.8	4257.4	3951.1	3560.3	3072.5	2584.8	2042.8	1538.2	1076.9
51°	3794.5	3595.0	3536.9	3248.6	2951.9	2591.7	2148.1	1735.0	1313.8	970.1	720.5
52°	2773.2	2587.5	2534.7	2274.3	2024.8	1735.0	1405.3	1133.6	896.6	724.7	582.0
53°	1913.8	1793.2	1746.1	1571.5	1406.6	1220.9	1021.4	856.4	704.0	582.0	475.4
54°	1412.2	1330.4	1293.1	1166.9	1047.8	917.6	780.2	668.0	562.7	472.5	383.9
55°	1040.9	979.7	953.6	866.3	788.6	699.8	608.3	528.0	446.3	371.4	291.0
57.5°	471.2	440.7	429.6	392.3	361.7	335.4	273.0	228.6	185.7	149.7	116.4
60°	160.8	148.2	144.0	130.2	122.1	113.7	95.7	81.9	70.8	60.9	51.3
61°	102.6	95.7	93.0	85.8	81.9	77.7	66.6	58.2	51.3	45.6	38.7
62°	69.3	65.1	63.9	59.7	56.7	55.5	48.6	42.9	37.5	33.3	29.1
63°	48.6	45.6	45.6	42.9	41.7	40.2	34.8	31.8	27.6	24.9	22.2
64°	34.8	33.3	31.8	30.6	29.1	29.1	24.9	23.7	20.7	19.5	16.5
65°	24.9	23.7	23.7	22.2	22.2	20.7	19.5	16.5	15.3	13.8	12.6
66°	18.0	16.5	16.5	16.5	15.3	15.3	13.8	12.6	11.1	11.1	9.6



TEST NUMBER: P1192155

CATALOG NUMBER: LDA6A35940D010TE LAR35FL 6LAL1 30° Tilt

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
72.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
75°	0.0	0.0	0.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
77.5°	0.0	0.0	0.0	0.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5
80°	0.0	0.0	0.0	0.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5
82.5°	0.0	0.0	0.0	0.0	0.0	1.5	1.5	1.5	1.5	1.5	1.5
85°	0.0	0.0	0.0	0.0	0.0	1.5	1.5	1.5	1.5	1.5	1.5
87.5°	0.0	0.0	0.0	0.0	0.0	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

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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°	252.3	252.3	252.3	252.3	252.3	252.3	252.3	252.3	252.3	252.3	252.3
2.5°	386.7	377.0	374.1	371.4	367.2	363.0	350.7	347.9	345.0	333.9	331.2
5°	767.9	728.9	704.0	677.6	650.0	618.2	566.9	543.2	518.3	475.4	454.5
7.5°	1398.4	1319.3	1255.6	1190.5	1125.4	1049.0	949.4	889.7	826.1	741.5	684.5
10°	2192.4	2047.0	1922.2	1801.6	1685.2	1552.3	1421.8	1291.6	1180.7	1049.0	942.5
12.5°	3191.6	2954.7	2749.5	2547.3	2347.8	2134.2	1926.4	1723.9	1527.1	1352.6	1187.6
15°	4258.9	3952.6	3665.6	3377.3	3075.2	2755.2	2442.0	2149.5	1870.9	1627.0	1403.8
17.5°	5169.3	4821.6	4454.2	4095.4	3710.0	3280.4	2896.5	2519.4	2161.9	1847.5	1560.4
20°	5906.6	5510.3	5075.1	4648.2	4177.0	3716.9	3256.7	2807.7	2354.7	1970.8	1624.3
22.5°	6434.5	6013.4	5537.9	5052.9	4515.1	3984.4	3450.8	2922.8	2412.9	1977.7	1592.5
25°	6789.4	6330.7	5815.1	5277.5	4677.3	4092.4	3493.7	2915.9	2358.6	1894.6	1485.7
26°	6874.0	6404.2	5874.8	5316.3	4701.0	4100.8	3473.0	2877.0	2307.6	1833.4	1420.6
27°	6928.0	6444.4	5901.2	5325.9	4699.5	4110.4	3425.9	2816.1	2235.3	1758.7	1345.6
28°	6947.5	6454.0	5899.7	5306.6	4667.7	4015.0	3352.4	2728.8	2156.4	1668.7	1259.8
29°	6944.7	6441.4	5872.1	5259.3	4608.0	3934.6	3251.3	2620.8	2048.4	1567.3	1166.9
30°	6916.9	6400.0	5815.1	5180.4	4518.0	3822.2	3121.1	2490.3	1929.1	1456.6	1065.8
31°	6860.2	6329.2	5723.6	5064.0	4393.3	3679.4	2968.5	2343.6	1797.4	1337.3	961.7
32°	6774.1	6228.1	5600.3	4920.0	4240.9	3513.2	2796.6	2163.3	1657.6	1215.4	871.7
33°	6663.4	6099.2	5452.1	4750.8	4069.0	3321.8	2607.0	2037.3	1514.8	1092.2	753.8
34°	6521.8	5942.6	5271.9	4555.3	3869.3	3110.0	2409.9	1844.5	1370.6	967.4	665.3
35°	6352.9	5754.2	5066.7	4339.3	3647.6	2879.9	2231.2	1672.9	1223.8	842.6	565.4
36°	6163.0	5544.8	4836.6	4106.5	3405.2	2645.7	2027.5	1501.0	1078.1	720.5	476.7
37°	5955.2	5314.8	4592.8	3851.3	3144.5	2403.0	1823.8	1331.8	935.6	604.1	406.1
38°	5720.9	5057.1	4322.5	3570.1	2865.9	2161.9	1622.8	1162.7	792.8	500.3	354.8
39°	5449.2	4763.2	4028.8	3259.7	2580.6	1919.5	1424.8	996.5	658.4	417.2	315.9
40°	5147.1	4451.5	3707.2	2931.2	2292.3	1683.7	1230.7	835.7	537.8	360.3	282.8
42.5°	4260.1	3538.1	2791.2	2155.0	1621.6	1144.7	788.6	500.3	347.9	267.6	207.9
45°	3212.6	2536.2	1927.8	1450.9	1054.7	686.0	449.0	318.8	246.6	185.7	145.5
47.5°	2102.4	1579.9	1124.0	780.2	528.0	352.1	274.5	207.9	160.8	123.3	98.4
50°	792.8	584.9	454.5	363.0	286.8	217.5	171.9	131.7	101.1	77.7	62.4
51°	586.1	472.5	372.8	297.9	237.0	180.3	140.1	104.1	80.4	62.4	51.3
52°	480.9	388.1	306.3	243.9	192.6	140.1	108.0	81.9	65.1	51.3	41.7
53°	393.6	315.9	246.6	192.6	147.0	106.8	83.1	65.1	52.8	41.7	34.8
54°	313.2	245.4	184.2	141.3	109.5	80.4	65.1	51.3	41.7	34.8	29.1
55°	232.8	177.3	131.7	104.1	81.9	62.4	51.3	41.7	34.8	27.6	23.7
57.5°	95.7	76.2	62.4	51.3	42.9	34.8	29.1	24.9	20.7	16.5	13.8
60°	44.4	37.5	33.3	27.6	23.7	19.5	16.5	15.3	12.6	11.1	9.6
61°	34.8	29.1	24.9	22.2	19.5	15.3	13.8	12.6	11.1	9.6	8.4
62°	26.4	22.2	19.5	16.5	15.3	12.6	11.1	9.6	8.4	8.4	6.9
63°	19.5	16.5	15.3	13.8	12.6	11.1	9.6	8.4	8.4	6.9	6.9
64°	15.3	13.8	12.6	11.1	9.6	8.4	8.4	6.9	6.9	5.4	5.4
65°	11.1	11.1	9.6	8.4	8.4	6.9	6.9	6.9	5.4	5.4	5.4
66°	9.6	8.4	6.9	6.9	6.9	5.4	5.4	5.4	5.4	5.4	5.4



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CATALOG NUMBER: LDA6A35940D010TE 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°	2.7	2.7	2.7	2.7	2.7	2.7	4.2	4.2	4.2	4.2	4.2
75°	2.7	2.7	2.7	2.7	2.7	2.7	4.2	4.2	4.2	4.2	4.2
77.5°	2.7	2.7	2.7	2.7	2.7	2.7	4.2	4.2	4.2	4.2	4.2
80°	2.7	2.7	2.7	2.7	2.7	2.7	4.2	4.2	4.2	4.2	4.2
82.5°	2.7	2.7	2.7	2.7	2.7	4.2	4.2	4.2	4.2	4.2	4.2
85°	2.7	2.7	2.7	2.7	2.7	4.2	4.2	4.2	4.2	4.2	4.2
87.5°	2.7	2.7	2.7	2.7	2.7	4.2	4.2	4.2	4.2	4.2	4.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P1192155

CATALOG NUMBER: LDA6A35940D010TE LAR35FL 6LAL1 30° Tilt

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	252.3	252.3	252.3	252.3	252.3	252.3	252.3	252.3	252.3	252.3	252.3
2.5°	324.3	322.8	313.2	309.0	303.6	296.6	291.0	286.8	279.9	274.5	268.8
5°	425.4	410.3	385.2	368.7	353.4	338.1	325.7	314.6	302.1	291.0	279.9
7.5°	614.0	562.7	500.3	453.2	414.3	379.8	354.8	333.9	314.6	297.9	278.6
10°	824.6	730.4	634.7	544.7	473.9	414.3	372.8	341.0	314.6	292.5	267.6
12.5°	1018.7	880.1	740.0	619.4	515.6	433.8	377.0	336.8	306.3	278.6	249.6
15°	1183.6	998.0	820.4	665.3	536.3	435.2	370.1	325.7	291.0	257.7	228.6
17.5°	1287.5	1052.0	842.6	663.8	522.5	413.0	347.9	304.8	266.1	232.8	205.2
20°	1309.6	1039.4	810.8	615.2	473.9	371.4	317.4	273.0	234.3	205.2	181.5
22.5°	1254.2	968.6	726.2	532.1	406.1	328.5	282.8	239.7	207.9	184.2	165.0
25°	1135.1	845.3	609.8	436.5	347.9	289.7	248.1	213.5	189.9	174.6	163.5
26°	1072.7	784.4	557.0	401.9	328.5	275.7	237.0	206.4	187.2	176.1	167.7
27°	1000.7	719.3	504.5	371.4	310.5	257.7	223.2	195.3	177.3	167.7	162.3
28°	921.5	650.0	454.5	343.7	288.3	235.5	203.7	177.3	159.3	148.2	138.6
29°	838.4	580.7	408.8	318.8	266.1	216.3	185.7	160.8	142.8	131.7	122.1
30°	751.1	514.1	370.1	296.6	243.9	198.3	170.4	147.0	130.2	119.1	109.5
31°	666.5	453.2	342.3	273.0	224.4	183.0	158.1	138.6	122.1	111.0	104.1
32°	582.0	401.9	315.9	250.8	206.4	171.9	147.0	130.2	116.4	106.8	101.1
33°	505.8	359.0	292.5	230.1	191.4	160.8	140.1	124.8	112.2	104.1	98.4
34°	437.9	329.9	266.1	209.4	176.1	148.2	129.0	114.9	102.6	95.7	88.8
35°	382.5	299.4	239.7	188.4	158.1	133.2	116.4	102.6	91.5	84.6	77.7
36°	339.6	268.8	213.5	167.7	141.3	120.6	104.1	91.5	81.9	74.7	69.3
37°	306.3	241.2	191.4	151.2	129.0	108.0	94.2	83.1	73.5	66.6	60.9
38°	275.7	214.8	171.9	137.1	116.4	98.4	84.6	76.2	66.6	59.7	54.0
39°	245.4	188.4	153.9	124.8	106.8	90.0	77.7	69.3	59.7	54.0	48.6
40°	217.5	169.2	138.6	112.2	96.9	80.4	70.8	62.4	54.0	48.6	42.9
42.5°	160.8	126.0	105.3	85.8	73.5	62.4	54.0	45.6	40.2	36.0	31.8
45°	114.9	91.5	76.2	62.4	52.8	44.4	37.5	33.3	29.1	26.4	23.7
47.5°	77.7	62.4	52.8	41.7	36.0	30.6	26.4	23.7	20.7	18.0	16.5
50°	49.8	40.2	34.8	27.6	23.7	20.7	18.0	15.3	13.8	12.6	12.6
51°	41.7	33.3	29.1	23.7	20.7	18.0	15.3	13.8	12.6	11.1	9.6
52°	34.8	27.6	23.7	19.5	16.5	15.3	12.6	11.1	9.6	9.6	9.6
53°	29.1	23.7	20.7	16.5	15.3	12.6	11.1	9.6	8.4	8.4	8.4
54°	23.7	19.5	16.5	13.8	12.6	11.1	9.6	8.4	8.4	6.9	6.9
55°	19.5	16.5	13.8	12.6	11.1	9.6	8.4	6.9	6.9	6.9	6.9
57.5°	12.6	11.1	9.6	8.4	6.9	6.9	5.4	5.4	5.4	5.4	5.4
60°	8.4	6.9	6.9	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
61°	6.9	6.9	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
62°	6.9	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
63°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
64°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
65°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
66°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4

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TEST NUMBER: P1192155

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CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
72.5°	4.2	4.2	4.2	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
75°	4.2	4.2	4.2	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
77.5°	4.2	4.2	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
80°	4.2	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	6.9
82.5°	4.2	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	6.9
85°	4.2	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	6.9
87.5°	4.2	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
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: P1192155

CATALOG NUMBER: LDA6A35940D010TE LAR35FL 6LAL1 30° Tilt

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
0°	252.3	252.3	252.3	252.3	252.3	252.3	252.3	252.3
2.5°	261.9	257.7	250.8	246.6	207.9	187.2	167.7	166.2
5°	267.6	256.5	245.4	235.5	171.9	142.8	123.3	120.6
7.5°	261.9	245.4	230.1	219.0	144.0	112.2	95.7	93.0
10°	246.6	228.6	210.6	196.8	123.3	95.7	80.4	77.7
12.5°	227.4	207.9	189.9	174.6	106.8	85.8	73.5	70.8
15°	205.2	185.7	170.4	156.6	98.4	78.9	70.8	67.8
17.5°	184.2	166.2	152.4	140.1	91.5	76.2	72.0	73.5
20°	163.5	149.7	137.1	127.5	94.2	90.0	104.1	116.4
22.5°	151.2	141.3	134.4	127.5	145.5	224.4	507.2	601.4
25°	158.1	156.6	160.8	170.4	297.9	377.0	332.7	336.8
26°	166.2	169.2	176.1	185.7	255.0	237.0	217.5	232.8
27°	160.8	162.3	160.8	159.3	167.7	166.2	174.6	189.9
28°	134.4	131.7	129.0	124.8	127.5	141.3	160.8	173.4
29°	116.4	113.7	109.5	105.3	111.0	137.1	155.1	163.5
30°	105.3	101.1	96.9	94.2	111.0	135.9	148.2	152.4
31°	98.4	95.7	93.0	93.0	112.2	129.0	135.9	137.1
32°	98.4	95.7	94.2	94.2	104.1	114.9	119.1	120.6
33°	95.7	93.0	88.8	87.3	91.5	99.9	104.1	104.1
34°	84.6	81.9	78.9	74.7	78.9	85.8	90.0	88.8
35°	73.5	70.8	67.8	65.1	67.8	74.7	76.2	74.7
36°	63.9	60.9	58.2	55.5	58.2	63.9	65.1	63.9
37°	56.7	54.0	51.3	48.6	48.6	55.5	56.7	54.0
38°	51.3	47.1	44.4	42.9	42.9	48.6	48.6	45.6
39°	45.6	42.9	40.2	37.5	37.5	41.7	41.7	38.7
40°	40.2	37.5	34.8	33.3	33.3	36.0	36.0	33.3
42.5°	29.1	27.6	26.4	24.9	24.9	27.6	26.4	23.7
45°	22.2	20.7	19.5	19.5	19.5	20.7	18.0	16.5
47.5°	15.3	15.3	13.8	13.8	13.8	15.3	13.8	12.6
50°	11.1	11.1	9.6	9.6	11.1	11.1	9.6	6.9
51°	9.6	9.6	9.6	8.4	9.6	9.6	8.4	6.9
52°	8.4	8.4	8.4	8.4	8.4	8.4	6.9	5.4
53°	6.9	6.9	6.9	6.9	6.9	6.9	5.4	4.2
54°	6.9	6.9	6.9	6.9	6.9	6.9	4.2	4.2
55°	6.9	6.9	6.9	6.9	6.9	5.4	4.2	2.7
57.5°	5.4	5.4	5.4	5.4	5.4	5.4	4.2	2.7
60°	5.4	5.4	5.4	5.4	5.4	5.4	2.7	1.5
61°	5.4	5.4	5.4	5.4	6.9	5.4	2.7	1.5
62°	5.4	5.4	5.4	5.4	6.9	5.4	2.7	1.5
63°	5.4	5.4	5.4	5.4	6.9	5.4	2.7	1.5
64°	5.4	5.4	5.4	6.9	6.9	5.4	2.7	1.5
65°	5.4	5.4	6.9	6.9	6.9	5.4	2.7	1.5
66°	5.4	6.9	6.9	6.9	6.9	5.4	2.7	1.5



TEST NUMBER: P1192155

CATALOG NUMBER: LDA6A35940D010TE LAR35FL 6LAL1 30° Tilt

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
72.5°	5.4	6.9	6.9	6.9	6.9	5.4	4.2	2.7
75°	5.4	6.9	6.9	6.9	6.9	5.4	4.2	2.7
77.5°	6.9	6.9	6.9	6.9	6.9	5.4	4.2	2.7
80°	6.9	6.9	6.9	6.9	6.9	5.4	4.2	2.7
82.5°	6.9	6.9	6.9	6.9	6.9	5.4	4.2	2.7
85°	6.9	6.9	6.9	6.9	6.9	5.4	4.2	2.7
87.5°	6.9	6.9	6.9	6.9	6.9	5.4	2.7	1.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Scaled Data Report

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Peachtree City, GA 30269



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Peachtree City, GA 30269



— 0°-180° - - 45°-225° - - - 90°-270°

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67.5°	11.1	9.6	9.6	9.6	9.6	8.4	8.4	8.4	6.9	6.9	5.4
70°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	2.7

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67.5°	5.4	5.4	5.4	5.4	4.2	4.2	4.2	4.2	4.2	4.2	4.2
70°	2.7	2.7	2.7	2.7	2.7	2.7	4.2	4.2	4.2	4.2	4.2

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67.5°	4.2	4.2	4.2	4.2	5.4	5.4	5.4	5.4	5.4	5.4	5.4
70°	4.2	4.2	4.2	4.2	5.4	5.4	5.4	5.4	5.4	5.4	5.4

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67.5°	5.4	6.9	6.9	6.9	6.9	5.4	2.7	2.7
70°	5.4	5.4	6.9	6.9	6.9	5.4	4.2	2.7

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