

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: P1192092

Luminaire Tested: **LDA6A25950D010TE 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: P1192092
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: LDA6A25950D010TE 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 / 5000K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

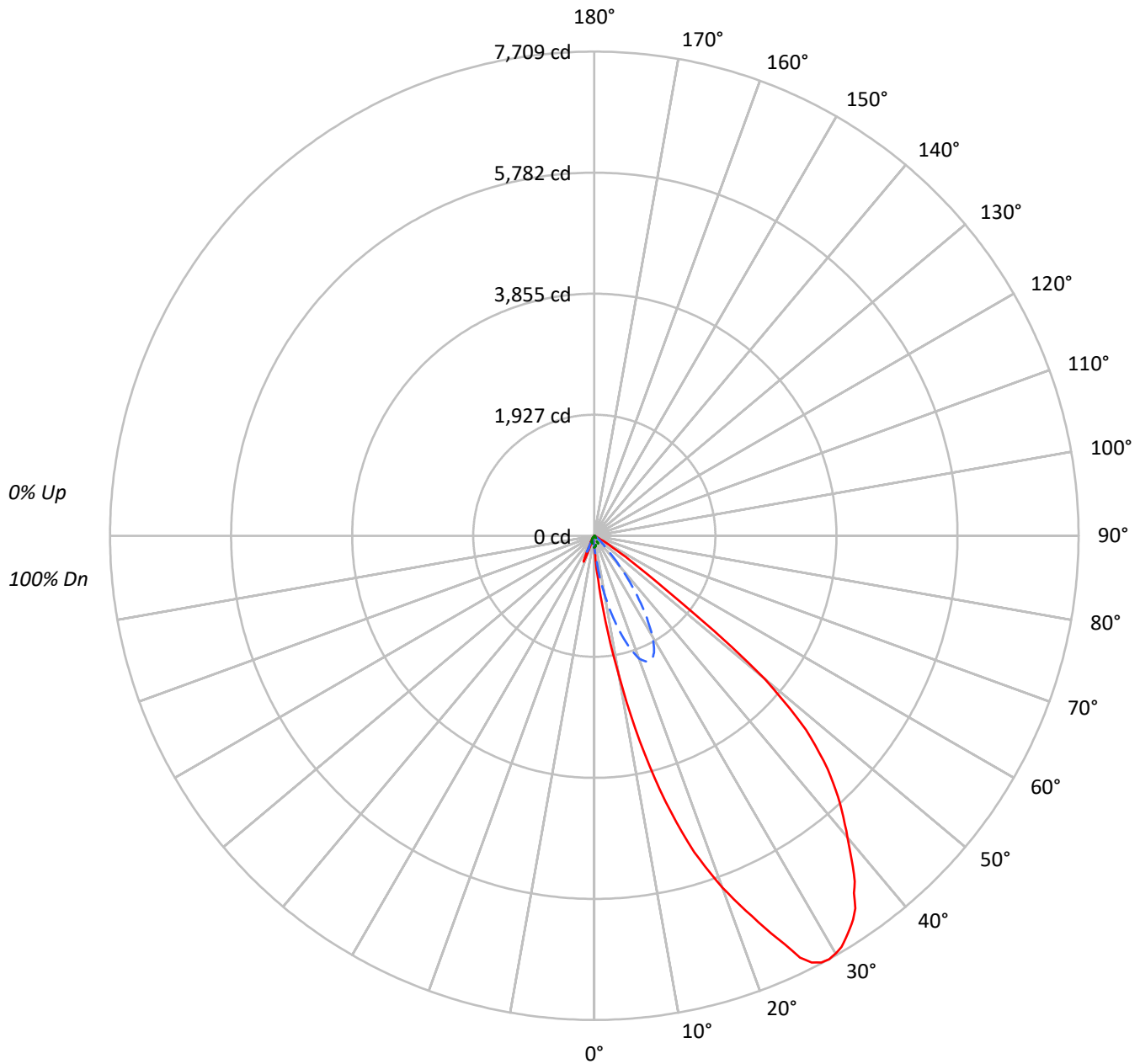
Lumens per Lamp: N/A
Luminaire Lumens: 2559.7 lumens
Efficiency: N/A
Efficacy: 82.0 lumens/watt
Spacing Criteria (0/90/45): 2.79 / 0.61 / 1.4
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 31.2
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

TEST NUMBER: P1192092

CATALOG NUMBER: LDA6A25950D010TE LAR35FL 6LAL1 30° Tilt

Luminous Intensity Polar Plot



Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P1192092

CATALOG NUMBER: LDA6A25950D010TE LAR35FL 6LAL1 30° Tilt

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°	10262	10262	10262
5°	38763	9614	4920
10°	125983	8127	3206
15°	248832	6595	2855
20°	347563	5519	5035
25°	434069	7652	15116
30°	486290	4425	7153
35°	484797	3232	3708
40°	448791	1760	1760
45°	407600	1124	954
50°	302293	614	435
55°	73813	487	191
60°	13080	450	121
65°	2400	662	143
70°	497	817	321
75°	0	1080	424
80°	0	1610	631
85°	0	3208	1258

Classified

Scaled Data Report

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P1192092

CATALOG NUMBER: LDA6A25950D010TE LAR35FL 6LAL1 30° Tilt

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	35.8	1.4
10°-20°	288.7	11.3
20°-30°	700.9	27.4
30°-40°	827.5	32.3
40°-50°	586.9	22.9
50°-60°	106.5	4.2
60°-70°	6.8	0.3
70°-80°	3.6	0.1
80°-90°	3.1	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°	1025.4	40.1
0°-40°	1852.8	72.4
0°-60°	2546.2	99.5
0°-90°	2559.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2559.7	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	187	187	187	187	187	
5°	704	403	175	106	89	118
15°	4384	1595	116	59	50	1268
25°	7176	2164	126	280	250	3302
35°	7244	1241	48	55	55	4463
45°	5258	237	14	15	12	3947
55°	772	31	5	4	2	1002
65°	18	5	5	4	1	30
75°	0	3	5	4	2	1
85°	0	3	5	4	2	0
90°	0	0	0	0	0	

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P1192092

CATALOG NUMBER: LDA6A25950D010TE LAR35FL 6LAL1 30° Tilt

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	187.2	187.2	187.2	187.2	187.2	187.2	187.2	187.2	187.2	187.2	187.2
2.5°	313.6	306.5	306.5	309.6	310.4	304.4	304.4	296.2	292.0	293.1	284.9
5°	704.4	718.6	689.9	694.2	691.1	671.4	663.2	635.4	616.9	607.8	577.9
7.5°	1375.8	1354.3	1311.1	1313.1	1301.8	1269.9	1243.2	1195.0	1153.8	1123.9	1069.4
10°	2263.2	2269.5	2200.4	2194.2	2167.6	2106.9	2047.3	1953.6	1869.3	1803.7	1702.8
12.5°	3349.1	3286.3	3261.6	3244.3	3201.1	3117.6	3025.0	2895.6	2767.1	2657.0	2501.8
15°	4384.4	4349.5	4312.6	4282.7	4228.2	4123.4	4007.2	3844.8	3677.1	3532.0	3335.7
17.5°	5279.1	5236.9	5192.8	5157.9	5062.1	4988.0	4831.8	4697.2	4505.8	4333.1	4096.7
20°	5957.7	5935.3	5883.6	5835.3	5733.6	5637.0	5474.6	5321.3	5109.5	4890.4	4664.2
22.5°	6558.2	6524.3	6459.5	6386.6	6259.0	6131.5	5944.3	5773.7	5542.4	5309.0	5065.2
25°	7176.2	7160.9	7062.1	6944.8	6765.0	6585.0	6351.7	6140.9	5879.6	5633.9	5350.1
26°	7475.4	7405.5	7304.9	7168.0	6956.1	6738.3	6485.2	6253.9	5975.3	5705.8	5422.0
27°	7624.6	7570.2	7481.7	7342.7	7121.7	6864.6	6586.0	6337.2	6042.1	5763.5	5469.5
28°	7693.5	7647.2	7574.2	7445.8	7230.8	6941.9	6648.8	6385.5	6078.1	5790.1	5486.8
29°	7708.9	7673.0	7609.2	7490.9	7289.4	6994.2	6681.7	6407.1	6093.5	5799.5	5491.0
30°	7682.2	7661.7	7612.3	7499.1	7304.9	7009.7	6687.7	6407.1	6089.5	5790.1	5474.6
31°	7637.9	7625.6	7584.4	7478.5	7289.4	6990.2	6664.1	6382.4	6062.6	5760.4	5437.4
32°	7554.6	7566.0	7532.1	7428.2	7241.0	6939.7	6617.8	6339.2	6018.5	5713.1	5380.9
33°	7466.3	7494.0	7463.1	7350.9	7157.8	6858.5	6549.1	6277.5	5955.8	5647.2	5306.9
34°	7369.6	7401.5	7362.4	7235.9	7036.4	6747.4	6455.4	6192.3	5872.5	5562.9	5210.2
35°	7244.1	7270.8	7219.5	7085.7	6882.2	6608.7	6339.2	6082.1	5766.6	5451.9	5090.9
36°	7033.3	7098.1	7044.8	6907.0	6707.3	6457.6	6207.7	5957.7	5645.2	5329.5	4960.4
37°	6891.4	6903.8	6851.3	6711.5	6527.5	6305.3	6068.8	5825.0	5516.6	5192.8	4817.4
38°	6686.8	6692.0	6639.5	6508.9	6349.4	6146.0	5919.7	5682.1	5373.7	5044.6	4658.0
39°	6473.0	6471.8	6424.6	6312.5	6170.7	5976.3	5757.2	5523.8	5211.2	4874.1	4471.9
40°	6271.3	6268.2	6227.2	6124.5	5986.7	5798.4	5583.4	5349.0	5030.3	4684.7	4266.3
42.5°	5794.4	5773.7	5732.5	5631.9	5500.1	5314.1	5090.0	4836.9	4498.6	4108.9	3635.9
45°	5257.5	5213.3	5170.0	5053.9	4905.9	4706.3	4454.3	4167.5	3789.1	3362.4	2870.8
47.5°	4570.7	4511.1	4468.8	4336.2	4167.5	3943.4	3655.5	3342.9	2943.8	2486.4	1984.5
50°	3544.5	3411.8	3367.5	3158.8	2931.6	2641.6	2279.7	1917.8	1515.6	1141.3	799.0
51°	2815.4	2667.4	2624.2	2410.3	2190.2	1923.0	1593.8	1287.3	974.8	719.8	534.6
52°	2057.5	1919.8	1880.6	1687.4	1502.3	1287.3	1042.7	841.0	665.3	537.7	431.8
53°	1419.9	1330.5	1295.5	1166.0	1043.6	905.8	757.8	635.4	522.4	431.8	352.8
54°	1047.8	987.1	959.4	865.8	777.4	680.8	578.9	495.7	417.6	350.6	284.9
55°	772.3	726.9	707.5	642.7	585.1	519.3	451.4	391.8	331.1	275.5	215.9
57.5°	349.6	327.0	318.8	291.1	268.4	248.9	202.5	169.6	137.8	111.1	86.3
60°	119.3	109.9	106.8	96.6	90.6	84.3	71.0	60.7	52.5	45.2	38.1
61°	76.1	71.0	69.0	63.6	60.7	57.6	49.4	43.2	38.1	33.8	28.7
62°	51.4	48.3	47.4	44.3	42.1	41.2	36.1	31.8	27.8	24.6	21.6
63°	36.1	33.8	33.8	31.8	30.9	29.8	25.8	23.6	20.5	18.5	16.4
64°	25.8	24.6	23.6	22.7	21.6	21.6	18.5	17.6	15.4	14.5	12.3
65°	18.5	17.6	17.6	16.4	16.4	15.4	14.5	12.3	11.3	10.3	9.4
66°	13.3	12.3	12.3	12.3	11.3	11.3	10.3	9.4	8.2	8.2	7.2



TEST NUMBER: P1192092

CATALOG NUMBER: LDA6A25950D010TE 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°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
75°	0.0	0.0	0.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
77.5°	0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1
80°	0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1
82.5°	0.0	0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.1	1.1	1.1
85°	0.0	0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.1	1.1	1.1
87.5°	0.0	0.0	0.0	0.0	0.0	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

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P1192092

CATALOG NUMBER: LDA6A25950D010TE LAR35FL 6LAL1 30° Tilt

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	187.2	187.2	187.2	187.2	187.2	187.2	187.2	187.2	187.2	187.2	187.2
2.5°	286.8	279.8	277.6	275.5	272.4	269.4	260.2	258.1	255.9	247.7	245.8
5°	569.7	540.8	522.4	502.7	482.2	458.6	420.6	403.1	384.6	352.8	337.2
7.5°	1037.6	978.8	931.6	883.4	835.0	778.3	704.4	660.1	612.9	550.2	507.9
10°	1626.7	1518.7	1426.2	1336.7	1250.4	1151.7	1055.0	958.4	876.0	778.3	699.3
12.5°	2368.1	2192.2	2040.0	1890.0	1742.0	1583.5	1429.3	1279.1	1133.1	1003.5	881.1
15°	3159.9	2932.7	2719.7	2505.8	2281.7	2044.2	1811.9	1594.8	1388.1	1207.1	1041.6
17.5°	3835.4	3577.4	3304.8	3038.6	2752.7	2433.9	2149.1	1869.3	1604.0	1370.7	1157.7
20°	4382.5	4088.4	3765.5	3448.8	3099.2	2757.8	2416.3	2083.2	1747.1	1462.2	1205.2
22.5°	4774.1	4461.7	4108.9	3749.0	3350.0	2956.3	2560.4	2168.6	1790.3	1467.3	1181.5
25°	5037.4	4697.2	4314.5	3915.7	3470.4	3036.4	2592.2	2163.5	1750.0	1405.7	1102.3
26°	5100.2	4751.7	4358.8	3944.4	3488.0	3042.6	2576.8	2134.6	1712.2	1360.3	1054.0
27°	5140.3	4781.5	4378.4	3951.6	3486.8	3049.8	2541.9	2089.4	1658.5	1304.9	998.4
28°	5154.8	4788.6	4377.4	3937.3	3463.3	2979.0	2487.4	2024.7	1599.9	1238.1	934.8
29°	5152.7	4779.3	4356.9	3902.2	3419.0	2919.3	2412.3	1944.5	1519.9	1162.9	865.8
30°	5132.0	4748.5	4314.5	3843.6	3352.2	2835.9	2315.8	1847.7	1431.2	1080.8	790.7
31°	5090.0	4696.0	4246.7	3757.3	3259.6	2730.0	2202.5	1738.9	1333.6	992.2	713.5
32°	5026.1	4621.0	4155.2	3650.4	3146.5	2606.7	2074.9	1605.1	1229.9	901.8	646.8
33°	4944.0	4525.4	4045.3	3524.9	3019.0	2464.7	1934.3	1511.6	1123.9	810.4	559.3
34°	4838.9	4409.2	3911.5	3379.8	2870.8	2307.4	1788.1	1368.5	1016.9	717.7	493.6
35°	4713.6	4269.4	3759.3	3219.5	2706.4	2136.8	1655.5	1241.2	908.0	625.1	419.5
36°	4572.8	4114.0	3588.6	3046.9	2526.5	1963.0	1504.3	1113.6	799.9	534.6	353.7
37°	4418.4	3943.4	3407.7	2857.5	2333.1	1783.0	1353.1	988.2	694.2	448.2	301.3
38°	4244.7	3752.1	3207.2	2648.9	2126.4	1604.0	1204.1	862.7	588.2	371.2	263.3
39°	4043.1	3534.0	2989.2	2418.5	1914.6	1424.2	1057.2	739.3	488.5	309.6	234.4
40°	3818.9	3302.8	2750.6	2174.8	1700.8	1249.2	913.1	620.0	399.0	267.3	209.9
42.5°	3160.9	2625.1	2071.0	1598.9	1203.2	849.3	585.1	371.2	258.1	198.5	154.2
45°	2383.6	1881.8	1430.4	1076.5	782.5	509.0	333.2	236.6	182.9	137.8	108.0
47.5°	1559.9	1172.2	834.0	578.9	391.8	261.2	203.6	154.2	119.3	91.5	73.0
50°	588.2	434.0	337.2	269.4	212.8	161.4	127.5	97.7	75.0	57.6	46.3
51°	434.9	350.6	276.6	221.0	175.9	133.7	103.9	77.2	59.7	46.3	38.1
52°	356.8	288.0	227.2	181.0	142.9	103.9	80.2	60.7	48.3	38.1	30.9
53°	292.0	234.4	182.9	142.9	109.1	79.2	61.7	48.3	39.1	30.9	25.8
54°	232.3	182.0	136.7	104.8	81.2	59.7	48.3	38.1	30.9	25.8	21.6
55°	172.7	131.6	97.7	77.2	60.7	46.3	38.1	30.9	25.8	20.5	17.6
57.5°	71.0	56.6	46.3	38.1	31.8	25.8	21.6	18.5	15.4	12.3	10.3
60°	33.0	27.8	24.6	20.5	17.6	14.5	12.3	11.3	9.4	8.2	7.2
61°	25.8	21.6	18.5	16.4	14.5	11.3	10.3	9.4	8.2	7.2	6.2
62°	19.6	16.4	14.5	12.3	11.3	9.4	8.2	7.2	6.2	6.2	5.1
63°	14.5	12.3	11.3	10.3	9.4	8.2	7.2	6.2	6.2	5.1	5.1
64°	11.3	10.3	9.4	8.2	7.2	6.2	6.2	5.1	5.1	4.1	4.1
65°	8.2	8.2	7.2	6.2	6.2	5.1	5.1	5.1	4.1	4.1	4.1
66°	7.2	6.2	5.1	5.1	5.1	4.1	4.1	4.1	4.1	4.1	4.1



TEST NUMBER: P1192092

CATALOG NUMBER: LDA6A25950D010TE 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°	2.0	2.0	2.0	2.0	2.0	2.0	3.1	3.1	3.1	3.1	3.1
75°	2.0	2.0	2.0	2.0	2.0	2.0	3.1	3.1	3.1	3.1	3.1
77.5°	2.0	2.0	2.0	2.0	2.0	2.0	3.1	3.1	3.1	3.1	3.1
80°	2.0	2.0	2.0	2.0	2.0	2.0	3.1	3.1	3.1	3.1	3.1
82.5°	2.0	2.0	2.0	2.0	2.0	3.1	3.1	3.1	3.1	3.1	3.1
85°	2.0	2.0	2.0	2.0	2.0	3.1	3.1	3.1	3.1	3.1	3.1
87.5°	2.0	2.0	2.0	2.0	2.0	3.1	3.1	3.1	3.1	3.1	3.1
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: P1192092

CATALOG NUMBER: LDA6A25950D010TE LAR35FL 6LAL1 30° Tilt

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	187.2	187.2	187.2	187.2	187.2	187.2	187.2	187.2	187.2	187.2	187.2
2.5°	240.6	239.5	232.3	229.2	225.3	220.1	215.9	212.8	207.7	203.6	199.5
5°	315.6	304.4	285.8	273.5	262.2	250.8	241.7	233.5	224.1	215.9	207.7
7.5°	455.5	417.6	371.2	336.2	307.4	281.7	263.3	247.7	233.5	221.0	206.8
10°	611.8	541.9	470.9	404.1	351.6	307.4	276.6	253.0	233.5	216.9	198.5
12.5°	755.8	653.0	549.0	459.6	382.6	321.8	279.8	249.9	227.2	206.8	185.1
15°	878.2	740.5	608.7	493.6	397.9	322.9	274.7	241.7	215.9	191.2	169.6
17.5°	955.2	780.5	625.1	492.5	387.7	306.5	258.1	226.1	197.4	172.7	152.3
20°	971.7	771.2	601.5	456.5	351.6	275.5	235.5	202.5	173.8	152.3	134.7
22.5°	930.5	718.6	538.8	394.8	301.3	243.7	209.9	177.8	154.2	136.7	122.4
25°	842.2	627.2	452.5	323.9	258.1	215.0	184.1	158.4	140.9	129.6	121.3
26°	795.9	582.0	413.3	298.3	243.7	204.6	175.9	153.1	138.8	130.6	124.4
27°	742.5	533.7	374.3	275.5	230.4	191.2	165.6	144.9	131.6	124.4	120.4
28°	683.7	482.2	337.2	255.0	213.9	174.7	151.1	131.6	118.1	109.9	102.9
29°	622.0	430.9	303.4	236.6	197.4	160.5	137.8	119.3	106.0	97.7	90.6
30°	557.3	381.5	274.7	220.1	181.0	147.1	126.5	109.1	96.6	88.4	81.2
31°	494.5	336.2	254.0	202.5	166.5	135.7	117.3	102.9	90.6	82.4	77.2
32°	431.8	298.3	234.4	186.1	153.1	127.5	109.1	96.6	86.3	79.2	75.0
33°	375.2	266.3	216.9	170.7	142.0	119.3	103.9	92.6	83.2	77.2	73.0
34°	324.9	244.8	197.4	155.4	130.6	109.9	95.7	85.3	76.1	71.0	65.8
35°	283.8	222.1	177.8	139.8	117.3	98.8	86.3	76.1	67.9	62.7	57.6
36°	251.9	199.5	158.4	124.4	104.8	89.4	77.2	67.9	60.7	55.4	51.4
37°	227.2	179.0	142.0	112.1	95.7	80.2	69.9	61.7	54.5	49.4	45.2
38°	204.6	159.3	127.5	101.7	86.3	73.0	62.7	56.6	49.4	44.3	40.0
39°	182.0	139.8	114.2	92.6	79.2	66.8	57.6	51.4	44.3	40.0	36.1
40°	161.4	125.5	102.9	83.2	71.9	59.7	52.5	46.3	40.0	36.1	31.8
42.5°	119.3	93.5	78.1	63.6	54.5	46.3	40.0	33.8	29.8	26.7	23.6
45°	85.3	67.9	56.6	46.3	39.1	33.0	27.8	24.6	21.6	19.6	17.6
47.5°	57.6	46.3	39.1	30.9	26.7	22.7	19.6	17.6	15.4	13.3	12.3
50°	36.9	29.8	25.8	20.5	17.6	15.4	13.3	11.3	10.3	9.4	9.4
51°	30.9	24.6	21.6	17.6	15.4	13.3	11.3	10.3	9.4	8.2	7.2
52°	25.8	20.5	17.6	14.5	12.3	11.3	9.4	8.2	7.2	7.2	7.2
53°	21.6	17.6	15.4	12.3	11.3	9.4	8.2	7.2	6.2	6.2	6.2
54°	17.6	14.5	12.3	10.3	9.4	8.2	7.2	6.2	6.2	5.1	5.1
55°	14.5	12.3	10.3	9.4	8.2	7.2	6.2	5.1	5.1	5.1	5.1
57.5°	9.4	8.2	7.2	6.2	5.1	5.1	4.1	4.1	4.1	4.1	4.1
60°	6.2	5.1	5.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
61°	5.1	5.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
62°	5.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
63°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
64°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
65°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
66°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1



TEST NUMBER: P1192092

CATALOG NUMBER: LDA6A25950D010TE 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°	3.1	3.1	3.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
75°	3.1	3.1	3.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
77.5°	3.1	3.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
80°	3.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	5.1
82.5°	3.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	5.1
85°	3.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	5.1
87.5°	3.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
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: P1192092

CATALOG NUMBER: LDA6A25950D010TE LAR35FL 6LAL1 30° Tilt

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
0°	187.2	187.2	187.2	187.2	187.2	187.2	187.2	187.2
2.5°	194.3	191.2	186.1	182.9	154.2	138.8	124.4	123.3
5°	198.5	190.3	182.0	174.7	127.5	106.0	91.5	89.4
7.5°	194.3	182.0	170.7	162.4	106.8	83.2	71.0	69.0
10°	182.9	169.6	156.2	146.0	91.5	71.0	59.7	57.6
12.5°	168.7	154.2	140.9	129.6	79.2	63.6	54.5	52.5
15°	152.3	137.8	126.5	116.2	73.0	58.6	52.5	50.3
17.5°	136.7	123.3	113.0	103.9	67.9	56.6	53.5	54.5
20°	121.3	111.1	101.7	94.6	69.9	66.8	77.2	86.3
22.5°	112.1	104.8	99.7	94.6	108.0	166.5	376.4	446.3
25°	117.3	116.2	119.3	126.5	221.0	279.8	246.8	249.9
26°	123.3	125.5	130.6	137.8	189.2	175.9	161.4	172.7
27°	119.3	120.4	119.3	118.1	124.4	123.3	129.6	140.9
28°	99.7	97.7	95.7	92.6	94.6	104.8	119.3	128.6
29°	86.3	84.3	81.2	78.1	82.4	101.7	115.1	121.3
30°	78.1	75.0	71.9	69.9	82.4	100.8	109.9	113.0
31°	73.0	71.0	69.0	69.0	83.2	95.7	100.8	101.7
32°	73.0	71.0	69.9	69.9	77.2	85.3	88.4	89.4
33°	71.0	69.0	65.8	64.8	67.9	74.0	77.2	77.2
34°	62.7	60.7	58.6	55.4	58.6	63.6	66.8	65.8
35°	54.5	52.5	50.3	48.3	50.3	55.4	56.6	55.4
36°	47.4	45.2	43.2	41.2	43.2	47.4	48.3	47.4
37°	42.1	40.0	38.1	36.1	36.1	41.2	42.1	40.0
38°	38.1	34.9	33.0	31.8	31.8	36.1	36.1	33.8
39°	33.8	31.8	29.8	27.8	27.8	30.9	30.9	28.7
40°	29.8	27.8	25.8	24.6	24.6	26.7	26.7	24.6
42.5°	21.6	20.5	19.6	18.5	18.5	20.5	19.6	17.6
45°	16.4	15.4	14.5	14.5	14.5	15.4	13.3	12.3
47.5°	11.3	11.3	10.3	10.3	10.3	11.3	10.3	9.4
50°	8.2	8.2	7.2	7.2	8.2	8.2	7.2	5.1
51°	7.2	7.2	7.2	6.2	7.2	7.2	6.2	5.1
52°	6.2	6.2	6.2	6.2	6.2	6.2	5.1	4.1
53°	5.1	5.1	5.1	5.1	5.1	5.1	4.1	3.1
54°	5.1	5.1	5.1	5.1	5.1	5.1	3.1	3.1
55°	5.1	5.1	5.1	5.1	5.1	4.1	3.1	2.0
57.5°	4.1	4.1	4.1	4.1	4.1	4.1	3.1	2.0
60°	4.1	4.1	4.1	4.1	4.1	4.1	2.0	1.1
61°	4.1	4.1	4.1	4.1	5.1	4.1	2.0	1.1
62°	4.1	4.1	4.1	4.1	5.1	4.1	2.0	1.1
63°	4.1	4.1	4.1	4.1	5.1	4.1	2.0	1.1
64°	4.1	4.1	4.1	5.1	5.1	4.1	2.0	1.1
65°	4.1	4.1	5.1	5.1	5.1	4.1	2.0	1.1
66°	4.1	5.1	5.1	5.1	5.1	4.1	2.0	1.1



TEST NUMBER: P1192092

CATALOG NUMBER: LDA6A25950D010TE LAR35FL 6LAL1 30° Tilt

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
72.5°	4.1	5.1	5.1	5.1	5.1	4.1	3.1	2.0
75°	4.1	5.1	5.1	5.1	5.1	4.1	3.1	2.0
77.5°	5.1	5.1	5.1	5.1	5.1	4.1	3.1	2.0
80°	5.1	5.1	5.1	5.1	5.1	4.1	3.1	2.0
82.5°	5.1	5.1	5.1	5.1	5.1	4.1	3.1	2.0
85°	5.1	5.1	5.1	5.1	5.1	4.1	3.1	2.0
87.5°	5.1	5.1	5.1	5.1	5.1	4.1	2.0	1.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Classified

Scaled Data Report

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



Report Generated By 670245859 / DESKTOP-T8S5UU9

Classified

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report



Classified

Scaled Data Report

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



— 0°-180° - - 45°-225° - - - 90°-270°

Classified

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report



Classified

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report





67.5°	8.2	7.2	7.2	7.2	7.2	6.2	6.2	6.2	5.1	5.1	4.1
70°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	2.0

Classified

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report





67.5°	4.1	4.1	4.1	4.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
70°	2.0	2.0	2.0	2.0	2.0	2.0	3.1	3.1	3.1	3.1	3.1

Classified

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report



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

Scaled Data Report



67.5°	3.1	3.1	3.1	3.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
70°	3.1	3.1	3.1	3.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1

Classified

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report



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

Scaled Data Report



67.5°	4.1	5.1	5.1	5.1	5.1	4.1	2.0	2.0
70°	4.1	4.1	5.1	5.1	5.1	4.1	3.1	2.0

Classified

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report



(END OF REPORT)