

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: P1192134

Luminaire Tested: **LDA6A35927D010TE 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: P1192134
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: LDA6A35927D010TE 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

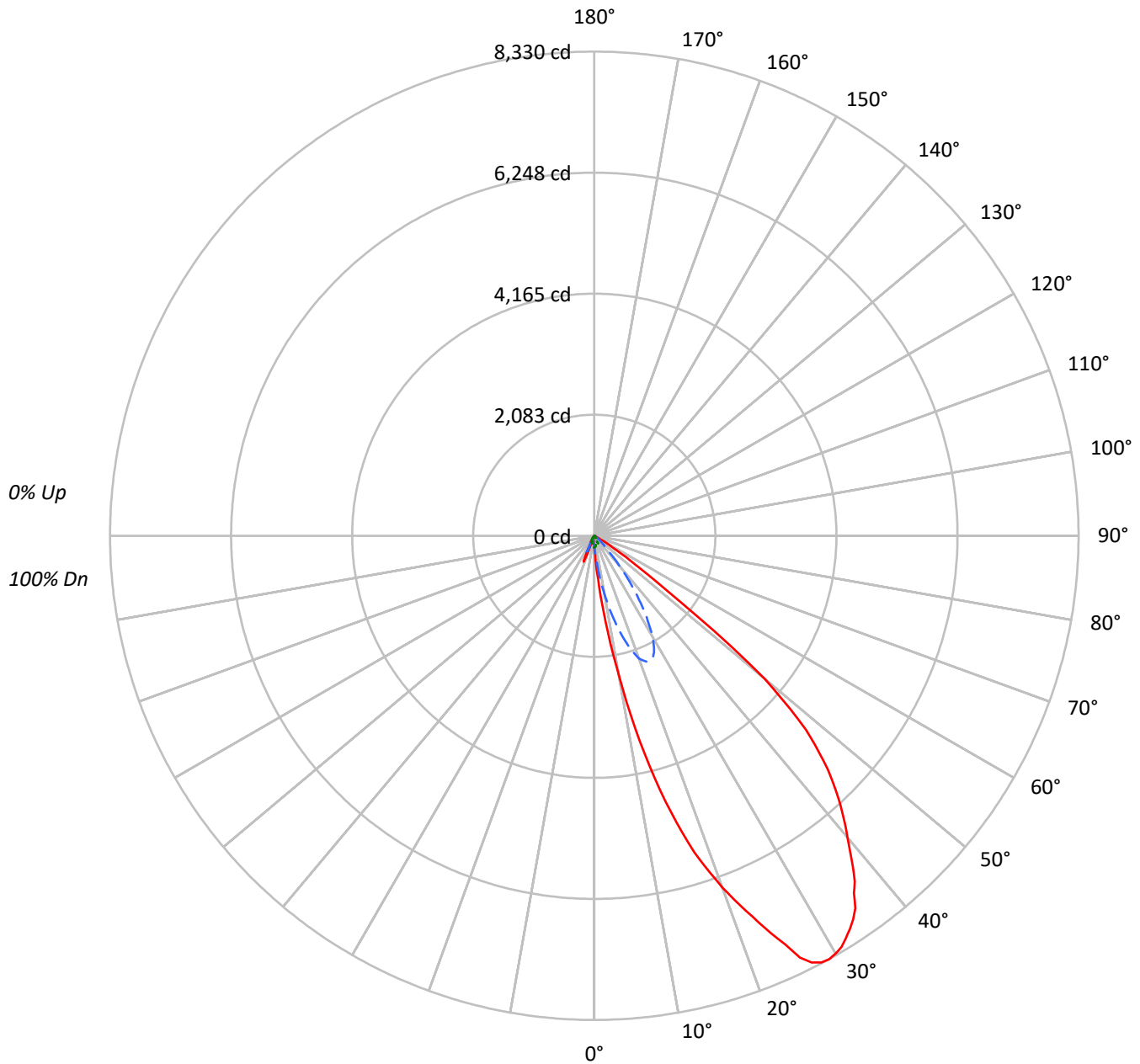
Lumens per Lamp: N/A
Luminaire Lumens: 2766.2 lumens
Efficiency: N/A
Efficacy: 58.0 lumens/watt
Spacing Criteria (0/90/45): 2.79 / 0.61 / 1.41
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 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	35	46	40	35	45	39	35	44	39	35	34		

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°
0°	11085	11085	11085
5°	41889	10395	5321
10°	136142	8784	3457
15°	268901	7123	3093
20°	375583	5968	5455
25°	469049	8263	16332
30°	525473	4779	7742
35°	523874	3500	4009
40°	484966	1904	1904
45°	440449	1202	1031
50°	326642	674	486
55°	79758	545	210
60°	14144	482	132
65°	2594	739	156
70°	561	914	353
75°	0	1207	466
80°	0	1799	695
85°	0	3585	1384

Classified

Scaled Data Report

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	38.6	1.4
10°-20°	312.0	11.3
20°-30°	757.4	27.4
30°-40°	894.2	32.3
40°-50°	634.2	22.9
50°-60°	115.1	4.2
60°-70°	7.4	0.3
70°-80°	3.9	0.1
80°-90°	3.5	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°	1108.0	40.1
0°-40°	2002.2	72.4
0°-60°	2751.5	99.5
0°-90°	2766.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2766.2	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	202	202	202	202	202	
5°	761	436	189	114	97	127
15°	4738	1723	126	63	54	1370
25°	7754	2338	137	302	270	3568
35°	7828	1341	52	60	60	4822
45°	5681	256	16	17	13	4265
55°	834	33	6	4	2	1083
65°	20	6	6	4	1	32
75°	0	4	6	4	2	1
85°	0	4	6	4	2	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°	202.2	202.2	202.2	202.2	202.2	202.2	202.2	202.2	202.2	202.2	202.2
2.5°	338.8	331.2	331.2	334.4	335.6	329.0	329.0	320.1	315.6	316.6	307.7
5°	761.2	776.8	745.7	750.1	746.7	725.5	716.6	686.8	666.8	656.7	624.4
7.5°	1486.7	1463.3	1416.7	1418.9	1406.8	1372.3	1343.4	1291.2	1246.8	1214.5	1155.5
10°	2445.7	2452.3	2377.9	2371.2	2342.4	2276.8	2212.2	2111.1	2020.1	1949.1	1840.1
12.5°	3619.0	3551.2	3524.5	3505.5	3458.9	3368.9	3269.1	3129.0	2990.2	2871.1	2703.4
15°	4738.0	4700.0	4660.1	4627.8	4569.1	4455.7	4330.1	4154.6	3973.3	3816.7	3604.4
17.5°	5704.6	5659.0	5611.2	5573.4	5470.1	5390.2	5221.3	5075.6	4868.9	4682.3	4426.8
20°	6438.0	6413.6	6357.9	6305.8	6195.6	6091.3	5915.7	5750.3	5521.2	5284.7	5040.1
22.5°	7086.8	7050.3	6980.2	6901.3	6763.5	6625.7	6423.4	6239.0	5989.0	5736.7	5473.6
25°	7754.5	7738.0	7631.2	7504.5	7310.2	7115.6	6863.6	6635.8	6353.4	6087.8	5781.3
26°	8078.1	8002.4	7893.6	7745.7	7516.8	7281.3	7007.9	6757.8	6456.7	6165.8	5859.0
27°	8239.1	8180.2	8084.7	7934.6	7695.9	7417.9	7116.9	6847.8	6529.0	6227.9	5910.0
28°	8313.6	8263.5	8184.6	8045.8	7813.5	7501.3	7184.7	6900.1	6567.9	6256.8	5929.0
29°	8330.1	8291.4	8222.3	8094.6	7876.9	7558.0	7220.2	6923.5	6584.7	6266.9	5933.5
30°	8301.2	8279.0	8225.8	8103.5	7893.6	7574.5	7226.8	6923.5	6580.3	6256.8	5915.7
31°	8253.6	8240.1	8195.7	8081.3	7876.9	7553.6	7201.2	6896.9	6551.2	6224.7	5875.8
32°	8163.6	8175.7	8139.0	8026.8	7824.6	7499.1	7151.4	6850.0	6503.6	6173.4	5814.6
33°	8068.0	8098.0	8064.8	7943.4	7734.6	7411.3	7076.9	6783.5	6435.8	6102.4	5734.5
34°	7963.4	7997.9	7955.8	7819.2	7603.6	7291.2	6975.8	6691.2	6345.8	6011.1	5630.2
35°	7828.0	7856.9	7801.4	7656.9	7436.9	7141.3	6850.0	6572.4	6231.4	5891.3	5501.2
36°	7600.2	7670.2	7612.5	7463.6	7248.0	6978.0	6708.0	6438.0	6100.2	5759.1	5360.1
37°	7446.8	7460.1	7403.4	7252.5	7053.5	6813.6	6557.8	6294.5	5961.3	5611.2	5205.8
38°	7225.6	7231.3	7174.6	7033.5	6861.4	6641.2	6396.8	6140.1	5806.7	5451.1	5033.4
39°	6994.6	6993.6	6942.3	6821.2	6667.8	6458.0	6221.2	5969.0	5631.2	5266.7	4832.4
40°	6776.8	6773.6	6729.0	6618.0	6469.1	6265.6	6033.6	5780.1	5435.6	5062.3	4610.0
42.5°	6261.2	6239.0	6194.6	6085.6	5943.6	5742.4	5500.2	5226.7	4861.3	4440.1	3928.9
45°	5681.2	5633.4	5586.8	5461.2	5301.2	5085.7	4813.5	4503.5	4094.6	3633.5	3102.4
47.5°	4939.0	4874.6	4829.0	4685.7	4503.5	4261.1	3950.1	3612.3	3181.3	2686.6	2144.6
50°	3830.0	3686.8	3638.9	3413.3	3168.0	2854.5	2463.4	2072.4	1637.9	1233.4	863.3
51°	3042.2	2882.4	2835.5	2604.5	2366.8	2077.8	1722.2	1391.3	1053.4	777.7	577.8
52°	2223.3	2074.6	2032.2	1823.3	1623.3	1391.3	1126.7	908.9	718.8	581.2	466.8
53°	1534.5	1437.9	1400.1	1260.1	1127.9	979.0	818.9	686.8	564.4	466.8	381.2
54°	1132.3	1066.8	1036.7	935.6	840.1	735.6	625.6	535.6	451.0	379.0	307.7
55°	834.5	785.6	764.4	694.4	632.3	561.2	487.8	423.4	357.8	297.9	233.3
57.5°	377.8	353.4	344.5	314.4	290.0	268.8	219.0	183.2	148.9	120.1	93.5
60°	129.0	118.9	115.7	104.6	97.9	91.0	76.7	65.6	56.7	48.8	41.2
61°	82.1	76.7	74.5	68.8	65.6	62.1	53.3	46.6	41.2	36.7	31.1
62°	55.5	52.3	51.0	47.8	45.6	44.4	39.0	34.5	30.1	26.6	23.4
63°	39.0	36.7	36.7	34.5	33.3	32.3	27.9	25.6	22.2	20.0	17.8
64°	27.9	26.6	25.6	24.4	23.4	23.4	20.0	19.0	16.8	15.5	13.3
65°	20.0	19.0	19.0	17.8	17.8	16.8	15.5	13.3	12.3	11.1	10.1
66°	14.5	13.3	13.3	13.3	12.3	12.3	11.1	10.1	8.9	8.9	7.9



TEST NUMBER: P1192134

CATALOG NUMBER: LDA6A35927D010TE 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°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
75°	0.0	0.0	0.0	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
77.5°	0.0	0.0	0.0	0.0	1.2	1.2	1.2	1.2	1.2	1.2	1.2
80°	0.0	0.0	0.0	0.0	1.2	1.2	1.2	1.2	1.2	1.2	1.2
82.5°	0.0	0.0	0.0	0.0	0.0	1.2	1.2	1.2	1.2	1.2	1.2
85°	0.0	0.0	0.0	0.0	0.0	1.2	1.2	1.2	1.2	1.2	1.2
87.5°	0.0	0.0	0.0	0.0	0.0	1.2	1.2	1.2	1.2	1.2	1.2
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°	202.2	202.2	202.2	202.2	202.2	202.2	202.2	202.2	202.2	202.2	202.2
2.5°	310.0	302.3	300.1	297.9	294.4	291.2	281.1	278.9	276.7	267.8	265.6
5°	615.5	584.4	564.4	543.2	521.0	495.6	454.5	435.5	415.5	381.2	364.5
7.5°	1121.2	1057.9	1006.6	954.6	902.3	841.1	761.2	713.4	662.3	594.5	548.9
10°	1757.7	1641.1	1541.2	1444.5	1351.1	1244.5	1140.0	1035.7	946.7	841.1	755.6
12.5°	2558.9	2369.0	2204.5	2042.3	1882.2	1711.1	1544.4	1382.1	1224.6	1084.5	952.3
15°	3414.5	3168.9	2938.9	2707.8	2465.7	2209.0	1957.9	1723.4	1500.0	1304.5	1125.7
17.5°	4144.5	3865.6	3571.1	3283.4	2974.6	2630.1	2322.4	2020.1	1733.3	1481.0	1251.2
20°	4735.8	4417.9	4069.0	3726.7	3349.0	2980.1	2611.2	2251.1	1887.9	1580.2	1302.2
22.5°	5158.9	4821.3	4440.1	4051.2	3620.2	3194.6	2766.8	2343.4	1934.5	1585.6	1276.6
25°	5443.5	5075.6	4662.3	4231.3	3750.2	3281.1	2801.3	2337.9	1891.1	1519.0	1191.0
26°	5511.3	5134.5	4710.1	4262.3	3768.9	3287.8	2784.5	2306.6	1849.9	1469.9	1139.0
27°	5554.5	5166.8	4731.3	4270.2	3767.9	3295.7	2746.8	2257.8	1792.2	1410.0	1078.8
28°	5570.2	5174.5	4730.1	4254.4	3742.3	3219.0	2687.8	2187.8	1728.8	1337.8	1010.0
29°	5568.0	5164.6	4707.9	4216.7	3694.4	3154.6	2606.7	2101.2	1642.3	1256.6	935.6
30°	5545.6	5131.3	4662.3	4153.3	3622.4	3064.6	2502.4	1996.6	1546.6	1167.9	854.4
31°	5500.2	5074.6	4589.1	4060.1	3522.3	2950.0	2380.1	1879.0	1441.1	1072.2	771.1
32°	5431.2	4993.5	4490.2	3944.5	3400.0	2816.8	2242.3	1734.5	1328.9	974.5	698.8
33°	5342.4	4890.1	4371.3	3809.1	3262.4	2663.4	2090.1	1633.4	1214.5	875.6	604.4
34°	5229.0	4764.6	4226.8	3652.3	3102.4	2493.3	1932.3	1478.8	1098.8	775.5	533.4
35°	5093.3	4613.5	4062.3	3478.9	2924.6	2308.8	1789.0	1341.2	981.2	675.7	453.2
36°	4941.2	4445.5	3877.9	3292.2	2730.0	2121.2	1625.5	1203.4	864.5	577.8	382.2
37°	4774.5	4261.1	3682.3	3087.8	2521.1	1926.6	1462.3	1067.7	750.1	484.6	325.5
38°	4586.8	4054.4	3465.6	2862.2	2297.7	1733.3	1301.3	932.4	635.5	401.2	284.6
39°	4369.1	3819.0	3230.1	2613.4	2068.9	1539.0	1142.2	799.0	527.7	334.4	253.2
40°	4126.7	3568.9	2972.4	2350.0	1837.8	1350.1	986.6	670.0	431.0	289.0	226.6
42.5°	3415.5	2836.8	2237.8	1727.9	1300.0	917.8	632.3	401.2	278.9	214.5	166.7
45°	2575.6	2033.4	1545.6	1163.4	845.6	549.9	360.0	255.5	197.8	148.9	116.6
47.5°	1685.7	1266.7	901.0	625.6	423.4	282.3	220.0	166.7	129.0	98.9	78.9
50°	635.5	469.0	364.5	291.2	230.1	174.3	137.8	105.5	81.1	62.1	50.1
51°	470.0	379.0	298.9	238.9	190.1	144.5	112.2	83.3	64.4	50.1	41.2
52°	385.7	311.2	245.6	195.5	154.4	112.2	86.6	65.6	52.3	41.2	33.3
53°	315.6	253.2	197.8	154.4	117.9	85.6	66.6	52.3	42.2	33.3	27.9
54°	251.0	196.8	147.7	113.4	87.8	64.4	52.3	41.2	33.3	27.9	23.4
55°	186.7	142.3	105.5	83.3	65.6	50.1	41.2	33.3	27.9	22.2	19.0
57.5°	76.7	61.2	50.1	41.2	34.5	27.9	23.4	20.0	16.8	13.3	11.1
60°	35.5	30.1	26.6	22.2	19.0	15.5	13.3	12.3	10.1	8.9	7.9
61°	27.9	23.4	20.0	17.8	15.5	12.3	11.1	10.1	8.9	7.9	6.7
62°	21.2	17.8	15.5	13.3	12.3	10.1	8.9	7.9	6.7	6.7	5.7
63°	15.5	13.3	12.3	11.1	10.1	8.9	7.9	6.7	6.7	5.7	5.7
64°	12.3	11.1	10.1	8.9	7.9	6.7	6.7	5.7	5.7	4.4	4.4
65°	8.9	8.9	7.9	6.7	6.7	5.7	5.7	5.7	4.4	4.4	4.4
66°	7.9	6.7	5.7	5.7	5.7	4.4	4.4	4.4	4.4	4.4	4.4



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CATALOG NUMBER: LDA6A35927D010TE 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°	2.2	2.2	2.2	2.2	2.2	2.2	3.5	3.5	3.5	3.5	3.5
75°	2.2	2.2	2.2	2.2	2.2	2.2	3.5	3.5	3.5	3.5	3.5
77.5°	2.2	2.2	2.2	2.2	2.2	2.2	3.5	3.5	3.5	3.5	3.5
80°	2.2	2.2	2.2	2.2	2.2	2.2	3.5	3.5	3.5	3.5	3.5
82.5°	2.2	2.2	2.2	2.2	2.2	3.5	3.5	3.5	3.5	3.5	3.5
85°	2.2	2.2	2.2	2.2	2.2	3.5	3.5	3.5	3.5	3.5	3.5
87.5°	2.2	2.2	2.2	2.2	2.2	3.5	3.5	3.5	3.5	3.5	3.5
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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1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P1192134

CATALOG NUMBER: LDA6A35927D010TE LAR35FL 6LAL1 30° Tilt

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	202.2	202.2	202.2	202.2	202.2	202.2	202.2	202.2	202.2	202.2	202.2
2.5°	259.9	258.9	251.0	247.8	243.4	237.7	233.3	230.1	224.4	220.0	215.5
5°	341.0	329.0	309.0	295.7	283.3	271.0	261.1	252.3	242.2	233.3	224.4
7.5°	492.2	451.0	401.2	363.2	332.2	304.5	284.6	267.8	252.3	238.9	223.4
10°	661.1	585.7	509.0	436.7	380.0	332.2	298.9	273.2	252.3	234.5	214.5
12.5°	816.7	705.5	593.3	496.6	413.3	347.7	302.3	270.0	245.6	223.4	200.0
15°	948.9	799.9	657.9	533.4	430.1	348.9	296.6	261.1	233.3	206.6	183.2
17.5°	1032.2	843.3	675.7	532.1	419.0	331.2	278.9	244.4	213.3	186.7	164.5
20°	1050.0	833.2	650.0	493.4	380.0	297.9	254.5	219.0	187.9	164.5	145.5
22.5°	1005.6	776.8	582.2	426.6	325.5	263.4	226.6	192.3	166.7	147.7	132.2
25°	909.9	677.9	489.0	349.9	278.9	232.3	199.0	171.1	152.1	140.1	131.2
26°	860.1	628.8	446.6	322.3	263.4	221.2	190.1	165.5	149.9	141.0	134.4
27°	802.2	576.8	404.4	297.9	248.8	206.6	178.8	156.6	142.3	134.4	130.0
28°	738.8	521.0	364.5	275.4	231.1	188.9	163.2	142.3	127.7	118.9	111.2
29°	672.2	465.6	327.7	255.5	213.3	173.4	148.9	129.0	114.4	105.5	97.9
30°	602.2	412.3	296.6	237.7	195.5	158.8	136.6	117.9	104.6	95.7	87.8
31°	534.4	363.2	274.5	219.0	180.0	146.7	126.7	111.2	97.9	88.8	83.3
32°	466.8	322.3	253.2	201.2	165.5	137.8	117.9	104.6	93.5	85.6	81.1
33°	405.6	287.8	234.5	184.4	153.4	129.0	112.2	100.1	90.0	83.3	78.9
34°	351.1	264.3	213.3	167.7	141.0	118.9	103.3	92.2	82.1	76.7	71.0
35°	306.8	239.9	192.3	151.2	126.7	106.8	93.5	82.1	73.2	67.8	62.1
36°	272.2	215.5	171.1	134.4	113.4	96.7	83.3	73.2	65.6	59.9	55.5
37°	245.6	193.3	153.4	121.1	103.3	86.6	75.5	66.6	58.9	53.3	48.8
38°	221.2	172.1	137.8	110.0	93.5	78.9	67.8	61.2	53.3	47.8	43.4
39°	196.8	151.2	123.3	100.1	85.6	72.3	62.1	55.5	47.8	43.4	39.0
40°	174.3	135.6	111.2	90.0	77.7	64.4	56.7	50.1	43.4	39.0	34.5
42.5°	129.0	101.1	84.3	68.8	58.9	50.1	43.4	36.7	32.3	28.9	25.6
45°	92.2	73.2	61.2	50.1	42.2	35.5	30.1	26.6	23.4	21.2	19.0
47.5°	62.1	50.1	42.2	33.3	28.9	24.4	21.2	19.0	16.8	14.5	13.3
50°	39.9	32.3	27.9	22.2	19.0	16.8	14.5	12.3	11.1	10.1	10.1
51°	33.3	26.6	23.4	19.0	16.8	14.5	12.3	11.1	10.1	8.9	7.9
52°	27.9	22.2	19.0	15.5	13.3	12.3	10.1	8.9	7.9	7.9	7.9
53°	23.4	19.0	16.8	13.3	12.3	10.1	8.9	7.9	6.7	6.7	6.7
54°	19.0	15.5	13.3	11.1	10.1	8.9	7.9	6.7	6.7	5.7	5.7
55°	15.5	13.3	11.1	10.1	8.9	7.9	6.7	5.7	5.7	5.7	5.7
57.5°	10.1	8.9	7.9	6.7	5.7	5.7	4.4	4.4	4.4	4.4	4.4
60°	6.7	5.7	5.7	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
61°	5.7	5.7	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
62°	5.7	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
63°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
64°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
65°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
66°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4

Classified

Scaled Data Report

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P1192134

CATALOG NUMBER: LDA6A35927D010TE 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°	3.5	3.5	3.5	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
75°	3.5	3.5	3.5	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
77.5°	3.5	3.5	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
80°	3.5	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	5.7
82.5°	3.5	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	5.7
85°	3.5	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	5.7
87.5°	3.5	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
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: P1192134

CATALOG NUMBER: LDA6A35927D010TE LAR35FL 6LAL1 30° Tilt

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
0°	202.2	202.2	202.2	202.2	202.2	202.2	202.2	202.2
2.5°	210.1	206.6	201.2	197.8	166.7	149.9	134.4	133.4
5°	214.5	205.7	196.8	188.9	137.8	114.4	98.9	96.7
7.5°	210.1	196.8	184.4	175.6	115.7	90.0	76.7	74.5
10°	197.8	183.2	168.9	157.8	98.9	76.7	64.4	62.1
12.5°	182.2	166.7	152.1	140.1	85.6	68.8	58.9	56.7
15°	164.5	148.9	136.6	125.5	78.9	63.4	56.7	54.5
17.5°	147.7	133.4	122.3	112.2	73.2	61.2	57.7	58.9
20°	131.2	120.1	110.0	102.3	75.5	72.3	83.3	93.5
22.5°	121.1	113.4	107.8	102.3	116.6	180.0	406.6	482.3
25°	126.7	125.5	129.0	136.6	238.9	302.3	266.6	270.0
26°	133.4	135.6	141.0	148.9	204.4	190.1	174.3	186.7
27°	129.0	130.0	129.0	127.7	134.4	133.4	140.1	152.1
28°	107.8	105.5	103.3	100.1	102.3	113.4	129.0	138.8
29°	93.5	91.0	87.8	84.3	88.8	110.0	124.5	131.2
30°	84.3	81.1	77.7	75.5	88.8	109.0	118.9	122.3
31°	78.9	76.7	74.5	74.5	90.0	103.3	109.0	110.0
32°	78.9	76.7	75.5	75.5	83.3	92.2	95.7	96.7
33°	76.7	74.5	71.0	70.0	73.2	79.9	83.3	83.3
34°	67.8	65.6	63.4	59.9	63.4	68.8	72.3	71.0
35°	58.9	56.7	54.5	52.3	54.5	59.9	61.2	59.9
36°	51.0	48.8	46.6	44.4	46.6	51.0	52.3	51.0
37°	45.6	43.4	41.2	39.0	39.0	44.4	45.6	43.4
38°	41.2	37.7	35.5	34.5	34.5	39.0	39.0	36.7
39°	36.7	34.5	32.3	30.1	30.1	33.3	33.3	31.1
40°	32.3	30.1	27.9	26.6	26.6	28.9	28.9	26.6
42.5°	23.4	22.2	21.2	20.0	20.0	22.2	21.2	19.0
45°	17.8	16.8	15.5	15.5	15.5	16.8	14.5	13.3
47.5°	12.3	12.3	11.1	11.1	11.1	12.3	11.1	10.1
50°	8.9	8.9	7.9	7.9	8.9	8.9	7.9	5.7
51°	7.9	7.9	7.9	6.7	7.9	7.9	6.7	5.7
52°	6.7	6.7	6.7	6.7	6.7	6.7	5.7	4.4
53°	5.7	5.7	5.7	5.7	5.7	5.7	4.4	3.5
54°	5.7	5.7	5.7	5.7	5.7	5.7	3.5	3.5
55°	5.7	5.7	5.7	5.7	5.7	4.4	3.5	2.2
57.5°	4.4	4.4	4.4	4.4	4.4	4.4	3.5	2.2
60°	4.4	4.4	4.4	4.4	4.4	4.4	2.2	1.2
61°	4.4	4.4	4.4	4.4	5.7	4.4	2.2	1.2
62°	4.4	4.4	4.4	4.4	5.7	4.4	2.2	1.2
63°	4.4	4.4	4.4	4.4	5.7	4.4	2.2	1.2
64°	4.4	4.4	4.4	5.7	5.7	4.4	2.2	1.2
65°	4.4	4.4	5.7	5.7	5.7	4.4	2.2	1.2
66°	4.4	5.7	5.7	5.7	5.7	4.4	2.2	1.2



TEST NUMBER: P1192134

CATALOG NUMBER: LDA6A35927D010TE LAR35FL 6LAL1 30° Tilt

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
72.5°	4.4	5.7	5.7	5.7	5.7	4.4	3.5	2.2
75°	4.4	5.7	5.7	5.7	5.7	4.4	3.5	2.2
77.5°	5.7	5.7	5.7	5.7	5.7	4.4	3.5	2.2
80°	5.7	5.7	5.7	5.7	5.7	4.4	3.5	2.2
82.5°	5.7	5.7	5.7	5.7	5.7	4.4	3.5	2.2
85°	5.7	5.7	5.7	5.7	5.7	4.4	3.5	2.2
87.5°	5.7	5.7	5.7	5.7	5.7	4.4	2.2	1.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Scaled Data Report

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



Report Generated By 670245859 / DESKTOP-T8S5UU9

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Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report



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1121 Highway 74 South

Peachtree City, GA 30269



— 0°-180° - - 45°-225° - - - - 90°-270°

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1121 Highway 74 South

Peachtree City, GA 30269

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Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report





67.5°	8.9	7.9	7.9	7.9	7.9	6.7	6.7	6.7	5.7	5.7	4.4
70°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	2.2

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67.5°	4.4	4.4	4.4	4.4	3.5	3.5	3.5	3.5	3.5	3.5	3.5
70°	2.2	2.2	2.2	2.2	2.2	2.2	3.5	3.5	3.5	3.5	3.5

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67.5°	3.5	3.5	3.5	3.5	4.4	4.4	4.4	4.4	4.4	4.4	4.4
70°	3.5	3.5	3.5	3.5	4.4	4.4	4.4	4.4	4.4	4.4	4.4

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67.5°	4.4	5.7	5.7	5.7	5.7	4.4	2.2	2.2
70°	4.4	4.4	5.7	5.7	5.7	4.4	3.5	2.2

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Cooper Lighting Solutions Photometric Lab

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Peachtree City, GA 30269

Scaled Data Report



(END OF REPORT)