

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: P1192127

Luminaire Tested: **LDA6A30950D010TE 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: P1192127
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: LDA6A30950D010TE 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

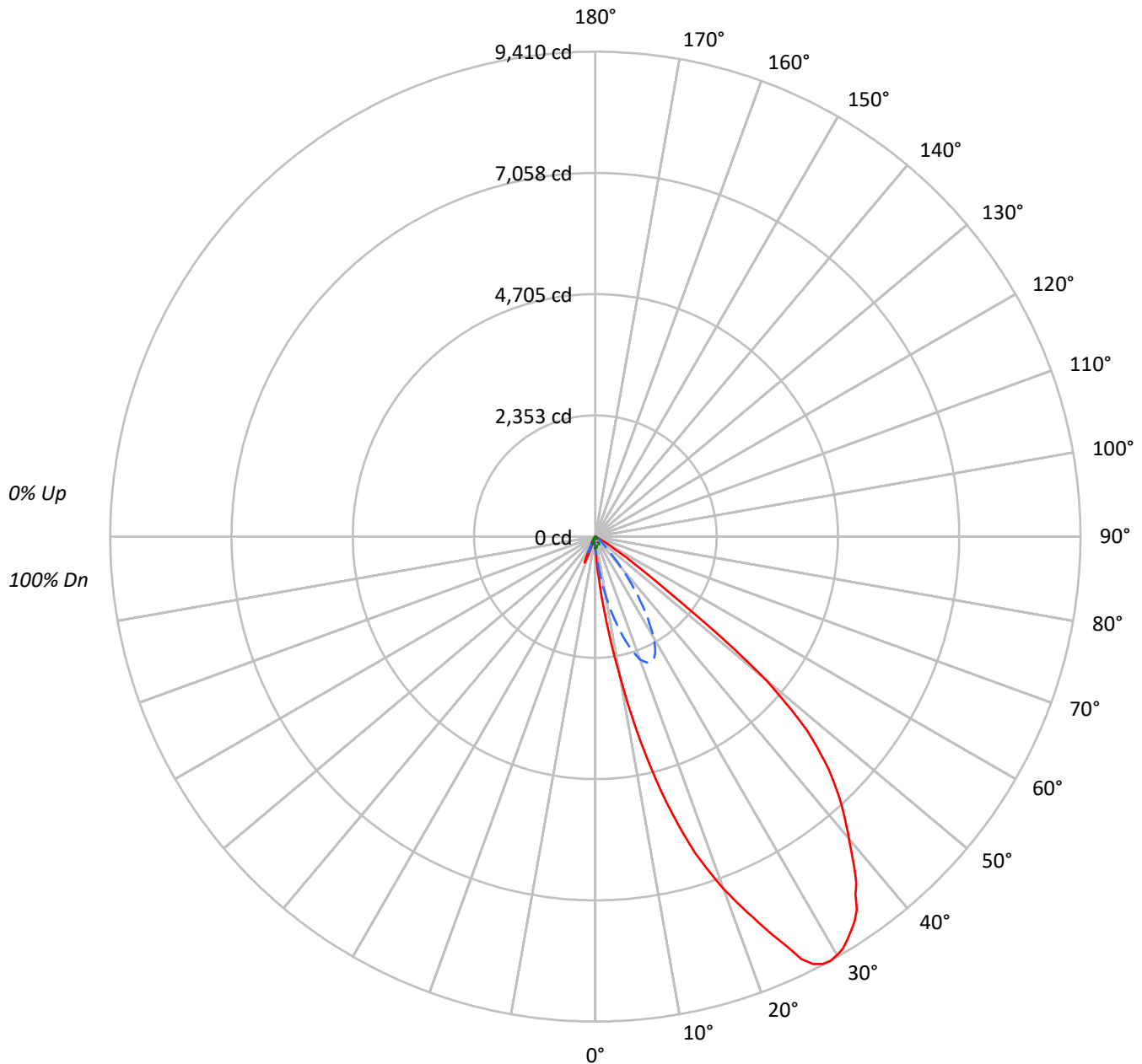
Lumens per Lamp: N/A
Luminaire Lumens: 3124.4 lumens
Efficiency: N/A
Efficacy: 78.5 lumens/watt
Spacing Criteria (0/90/45): 2.79 / 0.61 / 1.4
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 39.8
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
RCR																				
0	119	119	119	119	116	116	116	116		111	111	111		106	106	106		102	102	102
1	112	109	106	103	110	107	104	101		103	100	98		99	97	95		95	94	93
2	105	99	94	90	103	97	93	89		94	90	87		91	88	85		88	85	83
3	98	90	84	79	96	88	83	78		86	81	77		83	79	75		81	77	74
4	91	82	75	69	89	80	74	69		78	72	68		76	71	67		74	70	66
5	85	74	67	61	83	73	66	61		71	65	60		69	64	60		68	63	59
6	79	68	60	55	77	67	60	54		65	59	54		63	58	54		62	57	53
7	73	62	54	49	72	61	54	49		59	53	48		58	52	48		57	52	48
8	68	56	49	44	67	56	49	44		54	48	43		53	47	43		52	47	43
9	64	52	44	39	62	51	44	39		50	44	39		49	43	39		48	43	39
10	60	48	40	36	58	47	40	36		46	40	35		45	39	35		44	39	35

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°
0°	12526	12526	12526
5°	47314	11743	6015
10°	153783	9925	3913
15°	303742	8048	3490
20°	424254	6738	6149
25°	529851	9333	18443
30°	593591	5400	8742
35°	591767	3955	4531
40°	547819	2154	2154
45°	497532	1364	1171
50°	368986	751	529
55°	90100	593	248
60°	15964	548	132
65°	2932	804	156
70°	593	994	417
75°	0	1313	551
80°	0	1957	821
85°	0	3900	1635



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	43.6	1.4
10°-20°	352.4	11.3
20°-30°	855.5	27.4
30°-40°	1010.0	32.3
40°-50°	716.4	22.9
50°-60°	130.0	4.2
60°-70°	8.3	0.3
70°-80°	4.3	0.1
80°-90°	3.8	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°	1251.6	40.1
0°-40°	2261.7	72.4
0°-60°	3108.0	99.5
0°-90°	3124.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3124.4	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	228	228	228	228	228	
5°	860	492	213	129	109	143
15°	5352	1947	142	72	62	1547
25°	8760	2641	154	341	305	4030
35°	8842	1515	59	68	68	5447
45°	6418	289	18	19	15	4818
55°	943	38	6	5	3	1223
65°	23	6	6	5	1	36
75°	0	4	6	5	3	1
85°	0	4	6	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°	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5
2.5°	382.8	374.0	374.0	377.8	379.1	371.6	371.6	361.4	356.4	357.8	347.8
5°	859.8	877.3	842.2	847.2	843.5	819.5	809.5	775.6	753.1	741.8	705.4
7.5°	1679.5	1653.1	1600.2	1602.8	1589.0	1550.1	1517.5	1458.5	1408.3	1372.0	1305.3
10°	2762.6	2770.1	2686.0	2678.5	2645.9	2571.7	2499.0	2384.7	2281.9	2201.5	2078.5
12.5°	4088.0	4011.4	3981.3	3959.9	3907.3	3805.6	3692.6	3534.4	3377.6	3243.3	3053.9
15°	5351.9	5309.3	5264.2	5227.8	5161.2	5033.2	4891.3	4693.0	4488.3	4311.4	4071.8
17.5°	6443.9	6392.5	6338.6	6296.0	6179.1	6088.7	5897.9	5733.5	5500.0	5289.2	5000.5
20°	7272.3	7244.6	7181.9	7123.1	6998.8	6880.6	6682.4	6495.4	6236.9	5969.4	5693.3
22.5°	8005.3	7963.9	7885.0	7795.8	7640.0	7484.5	7256.1	7047.7	6765.3	6480.3	6182.9
25°	8759.7	8740.9	8620.4	8477.2	8257.6	8038.0	7753.0	7495.7	7176.9	6877.0	6530.6
26°	9125.0	9039.7	8916.5	8749.7	8491.1	8224.9	7916.3	7633.8	7293.7	6964.9	6618.4
27°	9307.0	9240.5	9132.6	8963.0	8693.3	8379.4	8039.3	7735.4	7375.4	7035.2	6676.2
28°	9391.1	9334.6	9245.5	9088.6	8826.3	8473.6	8115.8	7794.5	7419.3	7067.8	6697.6
29°	9409.9	9366.0	9288.1	9143.8	8897.7	8537.6	8155.9	7820.9	7438.1	7079.1	6702.6
30°	9377.3	9352.2	9291.8	9153.8	8916.5	8556.4	8163.5	7820.9	7433.0	7067.8	6682.4
31°	9323.2	9308.2	9258.0	9128.7	8897.7	8532.5	8134.7	7790.6	7400.4	7031.3	6637.2
32°	9221.7	9235.3	9194.0	9067.1	8838.9	8471.0	8078.2	7738.0	7346.4	6973.7	6568.2
33°	9113.7	9147.5	9109.9	8973.0	8737.1	8371.9	7994.1	7662.7	7269.8	6893.2	6478.0
34°	8995.7	9034.5	8986.8	8832.5	8588.9	8236.4	7879.8	7558.4	7168.2	6790.4	6359.8
35°	8842.5	8875.3	8812.4	8649.3	8400.7	8067.0	7738.0	7424.2	7038.8	6654.8	6214.3
36°	8585.2	8664.2	8599.0	8431.0	8187.3	7882.4	7577.3	7272.3	6890.8	6505.4	6054.9
37°	8412.0	8427.0	8363.1	8192.4	7967.6	7696.5	7407.8	7110.5	6733.9	6338.6	5880.5
38°	8162.2	8168.5	8104.6	7945.1	7750.6	7501.9	7225.8	6936.1	6559.5	6157.8	5685.9
39°	7901.2	7899.9	7842.1	7705.4	7532.2	7294.9	7027.6	6742.6	6361.1	5949.4	5458.6
40°	7655.1	7651.5	7601.3	7475.7	7307.5	7077.8	6815.5	6529.2	6140.2	5718.4	5207.7
42.5°	7072.8	7047.7	6997.5	6874.4	6713.8	6486.6	6213.1	5904.3	5491.3	5015.5	4438.2
45°	6417.5	6363.7	6310.9	6169.1	5988.2	5744.8	5437.3	5087.2	4625.3	4104.3	3504.4
47.5°	5579.2	5506.3	5454.8	5293.0	5087.2	4813.5	4462.1	4080.4	3593.5	3035.0	2422.4
50°	4326.5	4164.6	4110.6	3855.8	3578.4	3224.5	2782.7	2340.8	1850.1	1393.2	975.3
51°	3436.7	3255.9	3203.2	2942.2	2673.4	2347.1	1945.4	1571.4	1190.0	878.6	652.7
52°	2511.5	2343.4	2295.6	2059.7	1833.7	1571.4	1272.6	1026.8	812.1	656.3	527.2
53°	1733.4	1624.1	1581.4	1423.2	1274.0	1105.8	925.1	775.6	637.5	527.2	430.5
54°	1279.0	1204.9	1171.1	1056.8	948.9	831.0	706.6	605.1	509.6	428.1	347.8
55°	942.7	887.4	863.5	784.5	714.2	633.9	551.0	478.2	404.2	336.3	263.5
57.5°	426.7	399.0	389.1	355.2	327.6	303.8	247.3	207.1	168.2	135.5	105.4
60°	145.6	134.4	130.5	117.9	110.3	103.0	86.5	74.0	64.1	55.2	46.5
61°	92.9	86.5	84.1	77.9	74.0	70.3	60.2	52.7	46.5	41.4	35.0
62°	62.7	59.1	57.7	53.9	51.5	50.2	43.9	38.9	33.9	30.1	26.4
63°	43.9	41.4	41.4	38.9	37.6	36.4	31.4	28.8	25.1	22.6	20.1
64°	31.4	30.1	28.8	27.7	26.4	26.4	22.6	21.4	18.8	17.6	15.1
65°	22.6	21.4	21.4	20.1	20.1	18.8	17.6	15.1	13.8	12.6	11.2
66°	16.2	15.1	15.1	15.1	13.8	13.8	12.6	11.2	10.0	10.0	8.8



TEST NUMBER: P1192127

CATALOG NUMBER: LDA6A30950D010TE 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°	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5
2.5°	350.2	341.4	338.9	336.3	332.6	329.0	317.5	315.0	312.5	302.5	299.9
5°	695.3	660.2	637.5	613.7	588.6	559.8	513.3	492.0	469.4	430.5	411.6
7.5°	1266.4	1195.0	1137.1	1078.2	1019.2	950.1	859.8	805.9	748.1	671.5	620.0
10°	1985.7	1853.9	1741.0	1631.7	1526.3	1405.8	1287.8	1169.8	1069.4	950.1	853.5
12.5°	2890.7	2676.0	2490.2	2307.0	2126.2	1932.9	1744.6	1561.4	1383.2	1225.0	1075.7
15°	3857.2	3579.7	3319.8	3058.8	2785.2	2495.3	2211.6	1946.8	1694.5	1473.5	1271.5
17.5°	4681.8	4366.8	4034.1	3709.0	3360.0	2971.0	2623.2	2281.9	1958.0	1673.2	1413.3
20°	5349.4	4990.4	4596.4	4209.8	3783.1	3366.3	2949.5	2542.9	2132.4	1784.8	1471.1
22.5°	5827.6	5446.2	5015.5	4576.2	4089.3	3608.5	3125.3	2647.2	2185.2	1791.1	1442.2
25°	6149.0	5733.5	5266.6	4779.6	4236.0	3706.5	3164.2	2640.9	2136.3	1715.8	1345.6
26°	6225.5	5800.0	5320.6	4814.7	4257.4	3714.0	3145.4	2605.7	2089.8	1660.7	1286.5
27°	6274.5	5836.5	5344.5	4823.5	4256.2	3722.8	3102.7	2550.5	2024.6	1592.8	1218.8
28°	6292.1	5845.2	5343.1	4806.0	4227.4	3636.2	3036.3	2471.4	1953.0	1511.1	1140.9
29°	6289.6	5834.0	5318.0	4763.4	4173.3	3563.5	2944.6	2373.5	1855.2	1419.6	1056.8
30°	6264.5	5796.2	5266.6	4691.8	4091.8	3461.7	2826.6	2255.6	1747.2	1319.1	965.1
31°	6213.1	5732.3	5183.9	4586.4	3978.7	3332.4	2688.5	2122.4	1627.9	1211.2	871.0
32°	6135.2	5640.6	5072.0	4455.9	3840.7	3181.8	2532.9	1959.3	1501.1	1100.8	789.5
33°	6034.8	5523.9	4937.8	4302.7	3685.1	3008.6	2360.9	1845.1	1372.0	989.1	682.8
34°	5906.7	5382.1	4774.6	4125.7	3504.4	2816.6	2182.6	1670.7	1241.3	876.2	602.5
35°	5753.6	5211.3	4588.8	3929.8	3303.6	2608.2	2020.7	1515.0	1108.3	763.0	512.0
36°	5581.6	5021.8	4380.6	3719.0	3083.9	2396.1	1836.3	1359.4	976.6	652.7	431.7
37°	5393.3	4813.5	4159.6	3488.2	2848.0	2176.4	1651.8	1206.2	847.2	547.2	367.7
38°	5181.3	4580.1	3914.9	3233.3	2595.7	1958.0	1469.8	1053.0	718.0	453.1	321.4
39°	4935.2	4313.9	3648.7	2952.1	2337.1	1738.4	1290.3	902.4	596.2	377.8	286.1
40°	4661.7	4031.6	3357.4	2654.6	2075.9	1525.0	1114.7	756.8	486.9	326.4	256.0
42.5°	3858.4	3204.4	2527.8	1951.8	1468.5	1036.8	714.2	453.1	315.0	242.2	188.2
45°	2909.5	2296.8	1746.0	1314.1	955.1	621.3	406.6	288.7	223.4	168.2	131.8
47.5°	1904.1	1430.8	1018.0	706.6	478.2	318.8	248.5	188.2	145.6	111.7	89.1
50°	718.0	529.7	411.6	329.0	259.9	197.1	155.6	119.3	91.5	70.3	56.5
51°	530.8	428.1	337.6	269.9	214.7	163.2	126.8	94.1	72.7	56.5	46.5
52°	435.6	351.4	277.4	220.9	174.4	126.8	97.9	74.0	59.1	46.5	37.6
53°	356.4	286.1	223.4	174.4	133.1	96.7	75.3	59.1	47.6	37.6	31.4
54°	283.7	222.2	166.9	128.1	99.1	72.7	59.1	46.5	37.6	31.4	26.4
55°	210.8	160.6	119.3	94.1	74.0	56.5	46.5	37.6	31.4	25.1	21.4
57.5°	86.5	69.1	56.5	46.5	38.9	31.4	26.4	22.6	18.8	15.1	12.6
60°	40.2	33.9	30.1	25.1	21.4	17.6	15.1	13.8	11.2	10.0	8.8
61°	31.4	26.4	22.6	20.1	17.6	13.8	12.6	11.2	10.0	8.8	7.6
62°	23.8	20.1	17.6	15.1	13.8	11.2	10.0	8.8	7.6	7.6	6.2
63°	17.6	15.1	13.8	12.6	11.2	10.0	8.8	7.6	7.6	6.2	6.2
64°	13.8	12.6	11.2	10.0	8.8	7.6	7.6	6.2	6.2	5.0	5.0
65°	10.0	10.0	8.8	7.6	7.6	6.2	6.2	6.2	5.0	5.0	5.0
66°	8.8	7.6	6.2	6.2	6.2	5.0	5.0	5.0	5.0	5.0	5.0



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
72.5°	2.6	2.6	2.6	2.6	2.6	2.6	3.7	3.7	3.7	3.7	3.7
75°	2.6	2.6	2.6	2.6	2.6	2.6	3.7	3.7	3.7	3.7	3.7
77.5°	2.6	2.6	2.6	2.6	2.6	2.6	3.7	3.7	3.7	3.7	3.7
80°	2.6	2.6	2.6	2.6	2.6	2.6	3.7	3.7	3.7	3.7	3.7
82.5°	2.6	2.6	2.6	2.6	2.6	3.7	3.7	3.7	3.7	3.7	3.7
85°	2.6	2.6	2.6	2.6	2.6	3.7	3.7	3.7	3.7	3.7	3.7
87.5°	2.6	2.6	2.6	2.6	2.6	3.7	3.7	3.7	3.7	3.7	3.7
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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CATALOG NUMBER: LDA6A30950D010TE LAR35FL 6LAL1 30° Tilt

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5
2.5°	293.7	292.3	283.7	279.9	274.9	268.5	263.5	259.9	253.6	248.5	243.5
5°	385.4	371.6	348.9	333.9	320.0	306.2	294.9	285.0	273.5	263.5	253.6
7.5°	556.0	509.6	453.1	410.5	375.2	343.9	321.4	302.5	285.0	269.9	252.3
10°	746.8	661.5	574.8	493.2	429.3	375.2	337.6	308.8	285.0	264.9	242.2
12.5°	922.5	797.1	670.2	561.1	467.0	392.8	341.4	304.9	277.4	252.3	225.9
15°	1071.8	903.7	743.1	602.5	485.8	394.1	335.2	294.9	263.5	233.5	207.1
17.5°	1165.9	952.6	763.0	601.2	473.2	374.0	315.0	276.1	241.1	210.8	185.7
20°	1186.1	941.3	734.2	557.2	429.3	336.3	287.4	247.3	212.1	185.7	164.4
22.5°	1135.9	877.3	657.7	481.9	367.7	297.5	256.0	217.0	188.2	166.9	149.3
25°	1027.9	765.6	552.2	395.4	315.0	262.3	224.6	193.2	172.0	158.2	148.1
26°	971.5	710.4	504.6	364.0	297.5	249.7	214.7	187.0	169.4	159.4	151.9
27°	906.3	651.4	456.9	336.3	281.1	233.5	202.1	177.0	160.6	151.9	147.0
28°	834.7	588.6	411.6	311.2	261.0	213.4	184.6	160.6	144.4	134.4	125.5
29°	759.3	525.8	370.2	288.7	241.1	195.8	168.2	145.6	129.3	119.3	110.3
30°	680.4	465.7	335.2	268.5	220.9	179.4	154.3	133.1	117.9	108.0	99.1
31°	603.7	410.5	310.0	247.3	203.4	165.8	143.1	125.5	110.3	100.4	94.1
32°	527.2	364.0	286.1	227.2	187.0	155.6	133.1	117.9	105.4	96.7	91.5
33°	458.1	325.0	264.9	208.4	173.2	145.6	126.8	112.9	101.7	94.1	89.1
34°	396.7	298.7	241.1	189.6	159.4	134.4	116.7	104.1	92.9	86.5	80.3
35°	346.4	271.1	217.0	170.8	143.1	120.5	105.4	92.9	82.9	76.5	70.3
36°	307.5	243.5	193.2	151.9	128.1	109.3	94.1	82.9	74.0	67.7	62.7
37°	277.4	218.4	173.2	136.8	116.7	97.9	85.3	75.3	66.5	60.2	55.2
38°	249.7	194.6	155.6	124.3	105.4	89.1	76.5	69.1	60.2	53.9	48.9
39°	222.2	170.8	139.4	112.9	96.7	81.5	70.3	62.7	53.9	48.9	43.9
40°	197.1	153.2	125.5	101.7	87.9	72.7	64.1	56.5	48.9	43.9	38.9
42.5°	145.6	114.3	95.4	77.9	66.5	56.5	48.9	41.4	36.4	32.7	28.8
45°	104.1	82.9	69.1	56.5	47.6	40.2	33.9	30.1	26.4	23.8	21.4
47.5°	70.3	56.5	47.6	37.6	32.7	27.7	23.8	21.4	18.8	16.2	15.1
50°	45.2	36.4	31.4	25.1	21.4	18.8	16.2	13.8	12.6	11.2	11.2
51°	37.6	30.1	26.4	21.4	18.8	16.2	13.8	12.6	11.2	10.0	8.8
52°	31.4	25.1	21.4	17.6	15.1	13.8	11.2	10.0	8.8	8.8	8.8
53°	26.4	21.4	18.8	15.1	13.8	11.2	10.0	8.8	7.6	7.6	7.6
54°	21.4	17.6	15.1	12.6	11.2	10.0	8.8	7.6	7.6	6.2	6.2
55°	17.6	15.1	12.6	11.2	10.0	8.8	7.6	6.2	6.2	6.2	6.2
57.5°	11.2	10.0	8.8	7.6	6.2	6.2	5.0	5.0	5.0	5.0	5.0
60°	7.6	6.2	6.2	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
61°	6.2	6.2	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
62°	6.2	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
63°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
64°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
65°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
66°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0

Classified

Scaled Data Report

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P1192127

CATALOG NUMBER: LDA6A30950D010TE 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°	3.7	3.7	3.7	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
75°	3.7	3.7	3.7	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
77.5°	3.7	3.7	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
80°	3.7	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	6.2
82.5°	3.7	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	6.2
85°	3.7	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	6.2
87.5°	3.7	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
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: P1192127

CATALOG NUMBER: LDA6A30950D010TE LAR35FL 6LAL1 30° Tilt

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
0°	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.5
2.5°	237.2	233.5	227.2	223.4	188.2	169.4	151.9	150.6
5°	242.2	232.2	222.2	213.4	155.6	129.3	111.7	109.3
7.5°	237.2	222.2	208.4	198.2	130.5	101.7	86.5	84.1
10°	223.4	207.1	190.8	178.3	111.7	86.5	72.7	70.3
12.5°	205.8	188.2	172.0	158.2	96.7	77.9	66.5	64.1
15°	185.7	168.2	154.3	141.8	89.1	71.6	64.1	61.5
17.5°	166.9	150.6	138.1	126.8	82.9	69.1	65.3	66.5
20°	148.1	135.5	124.3	115.5	85.3	81.5	94.1	105.4
22.5°	136.8	128.1	121.8	115.5	131.8	203.4	459.4	544.6
25°	143.1	141.8	145.6	154.3	269.9	341.4	301.2	304.9
26°	150.6	153.2	159.4	168.2	230.9	214.7	197.1	210.8
27°	145.6	147.0	145.6	144.4	151.9	150.6	158.2	172.0
28°	121.8	119.3	116.7	112.9	115.5	128.1	145.6	156.9
29°	105.4	103.0	99.1	95.4	100.4	124.3	140.6	148.1
30°	95.4	91.5	87.9	85.3	100.4	122.9	134.4	138.1
31°	89.1	86.5	84.1	84.1	101.7	116.7	122.9	124.3
32°	89.1	86.5	85.3	85.3	94.1	104.1	108.0	109.3
33°	86.5	84.1	80.3	79.0	82.9	90.4	94.1	94.1
34°	76.5	74.0	71.6	67.7	71.6	77.9	81.5	80.3
35°	66.5	64.1	61.5	59.1	61.5	67.7	69.1	67.7
36°	57.7	55.2	52.7	50.2	52.7	57.7	59.1	57.7
37°	51.5	48.9	46.5	43.9	43.9	50.2	51.5	48.9
38°	46.5	42.6	40.2	38.9	38.9	43.9	43.9	41.4
39°	41.4	38.9	36.4	33.9	33.9	37.6	37.6	35.0
40°	36.4	33.9	31.4	30.1	30.1	32.7	32.7	30.1
42.5°	26.4	25.1	23.8	22.6	22.6	25.1	23.8	21.4
45°	20.1	18.8	17.6	17.6	17.6	18.8	16.2	15.1
47.5°	13.8	13.8	12.6	12.6	12.6	13.8	12.6	11.2
50°	10.0	10.0	8.8	8.8	10.0	10.0	8.8	6.2
51°	8.8	8.8	8.8	7.6	8.8	8.8	7.6	6.2
52°	7.6	7.6	7.6	7.6	7.6	7.6	6.2	5.0
53°	6.2	6.2	6.2	6.2	6.2	6.2	5.0	3.7
54°	6.2	6.2	6.2	6.2	6.2	6.2	3.7	3.7
55°	6.2	6.2	6.2	6.2	6.2	5.0	3.7	2.6
57.5°	5.0	5.0	5.0	5.0	5.0	5.0	3.7	2.6
60°	5.0	5.0	5.0	5.0	5.0	5.0	2.6	1.2
61°	5.0	5.0	5.0	5.0	6.2	5.0	2.6	1.2
62°	5.0	5.0	5.0	5.0	6.2	5.0	2.6	1.2
63°	5.0	5.0	5.0	5.0	6.2	5.0	2.6	1.2
64°	5.0	5.0	5.0	6.2	6.2	5.0	2.6	1.2
65°	5.0	5.0	6.2	6.2	6.2	5.0	2.6	1.2
66°	5.0	6.2	6.2	6.2	6.2	5.0	2.6	1.2



TEST NUMBER: P1192127

CATALOG NUMBER: LDA6A30950D010TE LAR35FL 6LAL1 30° Tilt

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
72.5°	5.0	6.2	6.2	6.2	6.2	5.0	3.7	2.6
75°	5.0	6.2	6.2	6.2	6.2	5.0	3.7	2.6
77.5°	6.2	6.2	6.2	6.2	6.2	5.0	3.7	2.6
80°	6.2	6.2	6.2	6.2	6.2	5.0	3.7	2.6
82.5°	6.2	6.2	6.2	6.2	6.2	5.0	3.7	2.6
85°	6.2	6.2	6.2	6.2	6.2	5.0	3.7	2.6
87.5°	6.2	6.2	6.2	6.2	6.2	5.0	2.6	1.2
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



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Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

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— 0°-180° - - 45°-225° - - - 90°-270°

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67.5°	10.0	8.8	8.8	8.8	8.8	7.6	7.6	7.6	6.2	6.2	5.0
70°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	2.6

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67.5°	5.0	5.0	5.0	5.0	3.7	3.7	3.7	3.7	3.7	3.7	3.7
70°	2.6	2.6	2.6	2.6	2.6	2.6	3.7	3.7	3.7	3.7	3.7

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67.5°	3.7	3.7	3.7	3.7	5.0	5.0	5.0	5.0	5.0	5.0	5.0
70°	3.7	3.7	3.7	3.7	5.0	5.0	5.0	5.0	5.0	5.0	5.0

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67.5°	5.0	6.2	6.2	6.2	6.2	5.0	2.6	2.6
70°	5.0	5.0	6.2	6.2	6.2	5.0	3.7	2.6

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Scaled Data Report



(END OF REPORT)