

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: P1192085

Luminaire Tested: **LDA6A25940D010TE 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: P1192085
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: LDA6A25940D010TE 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

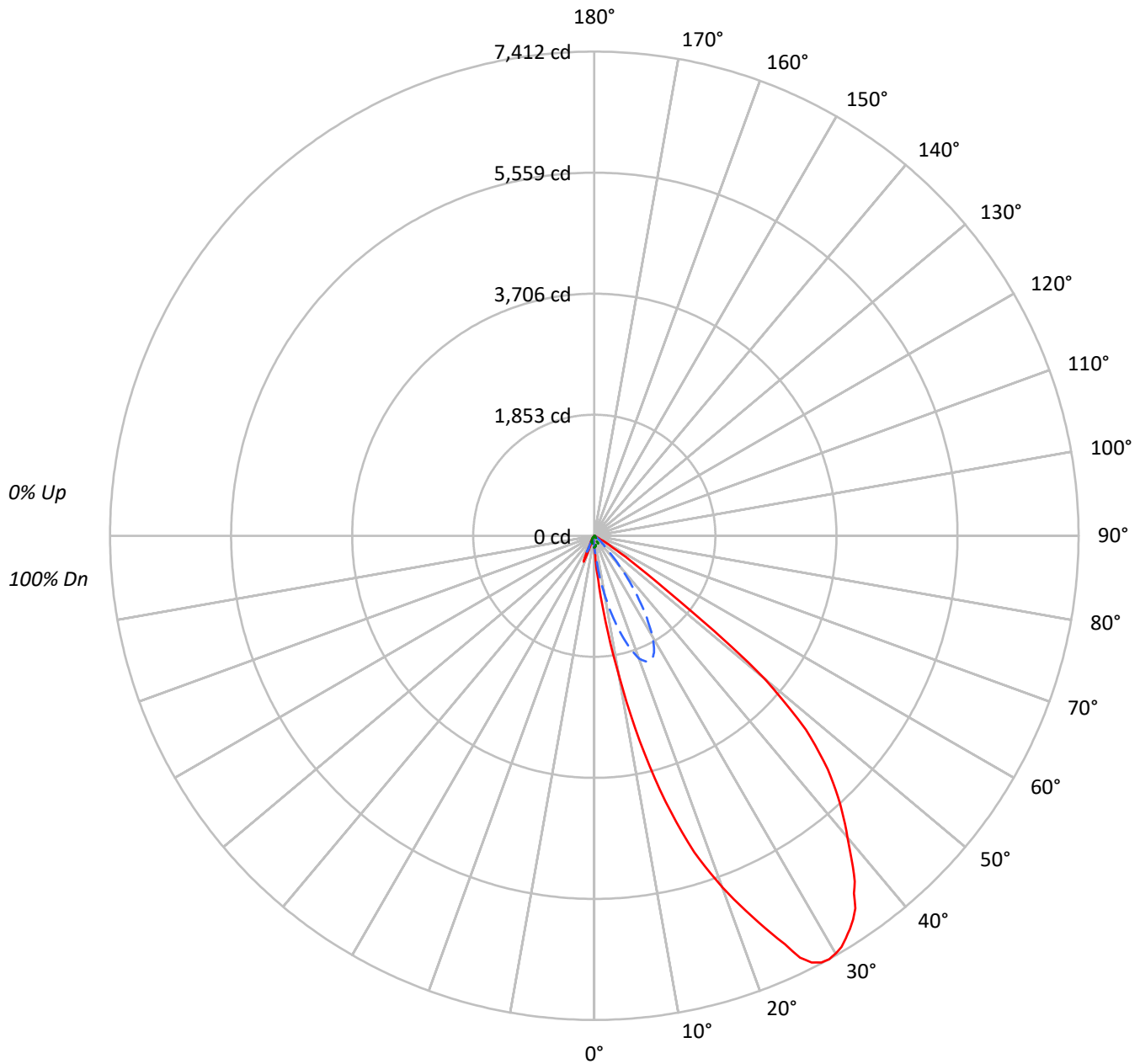
Lumens per Lamp: N/A
Luminaire Lumens: 2461.2 lumens
Efficiency: N/A
Efficacy: 78.9 lumens/watt
Spacing Criteria (0/90/45): 2.79 / 0.61 / 1.4
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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

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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°	9868	9868	9868
5°	37272	9245	4733
10°	121140	7815	3084
15°	239264	6339	2747
20°	334197	5309	4842
25°	417375	7355	14535
30°	467585	4254	6881
35°	466153	3105	3567
40°	431530	1696	1696
45°	391924	1078	915
50°	290668	588	418
55°	70975	468	182
60°	12576	428	121
65°	2309	636	143
70°	481	785	305
75°	0	1038	402
80°	0	1547	600
85°	0	3082	1195



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	34.4	1.4
10°-20°	277.6	11.3
20°-30°	673.9	27.4
30°-40°	795.6	32.3
40°-50°	564.3	22.9
50°-60°	102.4	4.2
60°-70°	6.5	0.3
70°-80°	3.4	0.1
80°-90°	3.0	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°	985.9	40.1
0°-40°	1781.6	72.4
0°-60°	2448.3	99.5
0°-90°	2461.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2461.2	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	180	180	180	180	180	
5°	677	388	168	102	86	113
15°	4216	1534	112	56	48	1219
25°	6900	2080	122	269	240	3175
35°	6966	1194	46	53	53	4291
45°	5055	228	14	15	12	3796
55°	743	30	5	4	2	964
65°	18	5	5	4	1	28
75°	0	3	5	4	2	1
85°	0	3	5	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°	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0
2.5°	301.5	294.7	294.7	297.7	298.5	292.7	292.7	284.8	280.8	281.8	273.9
5°	677.3	691.0	663.4	667.5	664.5	645.6	637.7	611.0	593.2	584.4	555.7
7.5°	1322.9	1302.2	1260.7	1262.6	1251.7	1221.1	1195.4	1149.0	1109.4	1080.7	1028.3
10°	2176.2	2182.2	2115.8	2109.8	2084.2	2025.9	1968.6	1878.5	1797.4	1734.3	1637.3
12.5°	3220.3	3159.9	3136.2	3119.5	3078.0	2997.7	2908.7	2784.2	2660.7	2554.8	2405.6
15°	4215.8	4182.2	4146.7	4118.0	4065.6	3964.8	3853.1	3696.9	3535.7	3396.2	3207.4
17.5°	5076.1	5035.5	4993.1	4959.5	4867.4	4796.2	4646.0	4516.5	4332.5	4166.4	3939.1
20°	5728.6	5707.0	5657.3	5610.9	5513.1	5420.2	5264.0	5116.6	4913.0	4702.3	4484.8
22.5°	6306.0	6273.4	6211.1	6141.0	6018.3	5895.7	5715.7	5551.6	5329.2	5104.8	4870.4
25°	6900.2	6885.5	6790.5	6677.7	6504.8	6331.7	6107.4	5904.7	5653.5	5417.2	5144.3
26°	7187.9	7120.7	7023.9	6892.3	6688.6	6479.1	6235.8	6013.4	5745.5	5486.3	5213.5
27°	7331.3	7279.0	7193.9	7060.3	6847.8	6600.6	6332.7	6093.5	5809.7	5541.8	5259.1
28°	7397.6	7353.1	7282.9	7159.4	6952.7	6674.9	6393.1	6139.9	5844.3	5567.4	5275.8
29°	7412.4	7377.9	7316.5	7202.8	7009.0	6725.2	6424.7	6160.7	5859.1	5576.4	5279.8
30°	7386.7	7367.0	7319.5	7210.7	7023.9	6740.1	6430.5	6160.7	5855.3	5567.4	5264.0
31°	7344.1	7332.3	7292.7	7190.9	7009.0	6721.3	6407.8	6136.9	5829.4	5538.8	5228.3
32°	7264.0	7275.0	7242.4	7142.5	6962.5	6672.8	6363.3	6095.4	5787.0	5493.4	5173.9
33°	7179.1	7205.8	7176.1	7068.2	6882.5	6594.7	6297.2	6036.1	5726.7	5430.0	5102.8
34°	7086.2	7116.8	7079.2	6957.6	6765.8	6487.9	6207.1	5954.1	5646.6	5348.9	5009.8
35°	6965.5	6991.2	6941.8	6813.2	6617.5	6354.5	6095.4	5848.2	5544.8	5242.2	4895.1
36°	6762.8	6825.1	6773.8	6641.3	6449.3	6209.2	5968.9	5728.6	5428.1	5124.5	4769.6
37°	6626.3	6638.3	6587.8	6453.4	6276.4	6062.8	5835.4	5601.0	5304.4	4993.1	4632.1
38°	6429.6	6434.6	6384.1	6258.6	6105.2	5909.6	5692.0	5463.6	5167.0	4850.6	4478.8
39°	6224.0	6222.9	6177.5	6069.7	5933.4	5746.4	5535.8	5311.3	5010.8	4686.6	4299.9
40°	6030.1	6027.1	5987.7	5888.9	5756.4	5575.4	5368.7	5143.3	4836.8	4504.5	4102.2
42.5°	5571.5	5551.6	5512.0	5415.3	5288.6	5109.7	4894.2	4650.9	4325.6	3950.9	3496.1
45°	5055.3	5012.8	4971.2	4859.5	4717.2	4525.3	4283.0	4007.2	3643.4	3233.1	2760.4
47.5°	4394.9	4337.6	4296.9	4169.4	4007.2	3791.7	3514.9	3214.3	2830.6	2390.8	1908.2
50°	3408.2	3280.6	3238.0	3037.3	2818.8	2540.0	2192.0	1844.0	1457.3	1097.4	768.3
51°	2707.1	2564.8	2523.3	2317.6	2106.0	1849.0	1532.5	1237.8	937.3	692.1	514.0
52°	1978.4	1846.0	1808.3	1622.5	1444.5	1237.8	1002.6	808.7	639.7	517.0	415.2
53°	1365.3	1279.3	1245.7	1121.2	1003.5	871.0	728.7	611.0	502.3	415.2	339.2
54°	1007.5	949.1	922.5	832.5	747.5	654.6	556.6	476.6	401.5	337.1	273.9
55°	742.6	698.9	680.3	618.0	562.6	499.3	434.0	376.7	318.4	264.9	207.6
57.5°	336.2	314.4	306.5	279.9	258.1	239.3	194.7	163.1	132.5	106.8	83.0
60°	114.7	105.7	102.7	92.9	87.1	81.1	68.3	58.4	50.5	43.5	36.6
61°	73.2	68.3	66.3	61.2	58.4	55.4	47.5	41.5	36.6	32.5	27.6
62°	49.4	46.4	45.6	42.6	40.5	39.6	34.7	30.6	26.7	23.7	20.8
63°	34.7	32.5	32.5	30.6	29.7	28.7	24.8	22.7	19.7	17.8	15.8
64°	24.8	23.7	22.7	21.8	20.8	20.8	17.8	16.9	14.8	13.9	11.8
65°	17.8	16.9	16.9	15.8	15.8	14.8	13.9	11.8	10.9	9.9	9.0
66°	12.8	11.8	11.8	11.8	10.9	10.9	9.9	9.0	7.9	7.9	6.9



TEST NUMBER: P1192085

CATALOG NUMBER: LDA6A25940D010TE 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

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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°	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0
2.5°	275.8	269.0	266.9	264.9	261.9	259.0	250.2	248.2	246.1	238.2	236.3
5°	547.8	520.0	502.3	483.4	463.7	441.0	404.4	387.6	369.8	339.2	324.2
7.5°	997.7	941.2	895.8	849.4	802.9	748.4	677.3	634.7	589.3	529.0	488.4
10°	1564.1	1460.3	1371.3	1285.3	1202.3	1107.4	1014.4	921.5	842.3	748.4	672.4
12.5°	2277.0	2107.9	1961.5	1817.3	1675.0	1522.6	1374.3	1229.9	1089.5	964.9	847.2
15°	3038.4	2819.9	2615.1	2409.4	2193.9	1965.6	1742.2	1533.5	1334.7	1160.7	1001.5
17.5°	3687.9	3439.8	3177.7	2921.7	2646.8	2340.3	2066.4	1797.4	1542.3	1318.0	1113.2
20°	4213.9	3931.2	3620.7	3316.2	2980.0	2651.7	2323.4	2003.1	1679.9	1406.0	1158.8
22.5°	4590.5	4290.1	3950.9	3604.8	3221.2	2842.6	2461.9	2085.2	1721.4	1410.9	1136.1
25°	4843.7	4516.5	4148.6	3765.1	3336.9	2919.6	2492.5	2080.3	1682.7	1351.6	1059.9
26°	4904.0	4568.9	4191.2	3792.7	3353.8	2925.6	2477.7	2052.5	1646.3	1308.0	1013.5
27°	4942.6	4597.6	4210.0	3799.6	3352.7	2932.5	2444.1	2009.0	1594.7	1254.7	960.0
28°	4956.5	4604.4	4209.0	3785.9	3330.1	2864.4	2391.7	1946.8	1538.4	1190.5	898.8
29°	4954.5	4595.5	4189.3	3752.1	3287.5	2807.0	2319.5	1869.7	1461.4	1118.2	832.5
30°	4934.6	4565.9	4148.6	3695.8	3223.3	2726.8	2226.7	1776.6	1376.2	1039.2	760.3
31°	4894.2	4515.4	4083.4	3612.8	3134.2	2625.0	2117.8	1672.0	1282.3	954.0	686.1
32°	4832.8	4443.3	3995.4	3510.0	3025.5	2506.4	1995.1	1543.4	1182.6	867.1	621.9
33°	4753.8	4351.3	3889.7	3389.3	2902.9	2369.9	1859.9	1453.5	1080.7	779.2	537.8
34°	4652.8	4239.6	3761.1	3249.8	2760.4	2218.7	1719.3	1315.9	977.8	690.1	474.6
35°	4532.3	4105.2	3614.7	3095.7	2602.3	2054.6	1591.8	1193.5	873.1	601.1	403.4
36°	4396.9	3955.8	3450.6	2929.7	2429.3	1887.5	1446.4	1070.8	769.1	514.0	340.1
37°	4248.5	3791.7	3276.6	2747.6	2243.4	1714.4	1301.1	950.2	667.5	431.0	289.7
38°	4081.4	3607.8	3083.8	2547.0	2044.6	1542.3	1157.8	829.5	565.6	356.9	253.2
39°	3887.6	3398.1	2874.2	2325.5	1841.0	1369.4	1016.5	710.9	469.7	297.7	225.4
40°	3672.0	3175.8	2644.8	2091.2	1635.4	1201.2	878.0	596.2	383.7	257.0	201.8
42.5°	3039.3	2524.1	1991.3	1537.4	1156.9	816.6	562.6	356.9	248.2	190.9	148.3
45°	2291.9	1809.4	1375.4	1035.1	752.4	489.4	320.4	227.5	175.9	132.5	103.8
47.5°	1499.9	1127.1	801.9	556.6	376.7	251.2	195.8	148.3	114.7	88.0	70.2
50°	565.6	417.3	324.2	259.0	204.6	155.2	122.6	93.9	72.1	55.4	44.5
51°	418.2	337.1	266.0	212.5	169.1	128.6	99.9	74.2	57.4	44.5	36.6
52°	343.1	276.9	218.5	174.0	137.4	99.9	77.1	58.4	46.4	36.6	29.7
53°	280.8	225.4	175.9	137.4	104.9	76.2	59.3	46.4	37.6	29.7	24.8
54°	223.4	175.0	131.4	100.8	78.1	57.4	46.4	36.6	29.7	24.8	20.8
55°	166.1	126.5	93.9	74.2	58.4	44.5	36.6	29.7	24.8	19.7	16.9
57.5°	68.3	54.4	44.5	36.6	30.6	24.8	20.8	17.8	14.8	11.8	9.9
60°	31.7	26.7	23.7	19.7	16.9	13.9	11.8	10.9	9.0	7.9	6.9
61°	24.8	20.8	17.8	15.8	13.9	10.9	9.9	9.0	7.9	6.9	6.0
62°	18.8	15.8	13.9	11.8	10.9	9.0	7.9	6.9	6.0	6.0	4.9
63°	13.9	11.8	10.9	9.9	9.0	7.9	6.9	6.0	6.0	4.9	4.9
64°	10.9	9.9	9.0	7.9	6.9	6.0	6.0	4.9	4.9	3.9	3.9
65°	7.9	7.9	6.9	6.0	6.0	4.9	4.9	4.9	3.9	3.9	3.9
66°	6.9	6.0	4.9	4.9	4.9	3.9	3.9	3.9	3.9	3.9	3.9



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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°	1.9	1.9	1.9	1.9	1.9	1.9	3.0	3.0	3.0	3.0	3.0
75°	1.9	1.9	1.9	1.9	1.9	1.9	3.0	3.0	3.0	3.0	3.0
77.5°	1.9	1.9	1.9	1.9	1.9	1.9	3.0	3.0	3.0	3.0	3.0
80°	1.9	1.9	1.9	1.9	1.9	1.9	3.0	3.0	3.0	3.0	3.0
82.5°	1.9	1.9	1.9	1.9	1.9	3.0	3.0	3.0	3.0	3.0	3.0
85°	1.9	1.9	1.9	1.9	1.9	3.0	3.0	3.0	3.0	3.0	3.0
87.5°	1.9	1.9	1.9	1.9	1.9	3.0	3.0	3.0	3.0	3.0	3.0
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: LDA6A25940D010TE LAR35FL 6LAL1 30° Tilt

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0
2.5°	231.3	230.3	223.4	220.4	216.6	211.6	207.6	204.6	199.7	195.8	191.8
5°	303.5	292.7	274.8	263.0	252.1	241.2	232.4	224.5	215.5	207.6	199.7
7.5°	438.0	401.5	356.9	323.3	295.6	270.9	253.2	238.2	224.5	212.5	198.8
10°	588.3	521.1	452.8	388.6	338.1	295.6	266.0	243.3	224.5	208.6	190.9
12.5°	726.7	627.9	527.9	441.9	367.9	309.4	269.0	240.3	218.5	198.8	178.0
15°	844.4	712.0	585.3	474.6	382.6	310.5	264.1	232.4	207.6	183.8	163.1
17.5°	918.5	750.5	601.1	473.6	372.8	294.7	248.2	217.4	189.8	166.1	146.4
20°	934.3	741.5	578.4	438.9	338.1	264.9	226.4	194.7	167.1	146.4	129.5
22.5°	894.7	691.0	518.1	379.6	289.7	234.3	201.8	171.0	148.3	131.4	117.7
25°	809.8	603.1	435.1	311.4	248.2	206.7	177.0	152.3	135.5	124.6	116.6
26°	765.3	559.6	397.4	286.8	234.3	196.7	169.1	147.2	133.5	125.6	119.6
27°	713.9	513.2	359.9	264.9	221.5	183.8	159.2	139.3	126.5	119.6	115.8
28°	657.4	463.7	324.2	245.2	205.7	168.0	145.3	126.5	113.6	105.7	98.9
29°	598.1	414.3	291.7	227.5	189.8	154.3	132.5	114.7	101.9	93.9	87.1
30°	535.9	366.8	264.1	211.6	174.0	141.4	121.6	104.9	92.9	85.0	78.1
31°	475.5	323.3	244.2	194.7	160.1	130.5	112.8	98.9	87.1	79.2	74.2
32°	415.2	286.8	225.4	178.9	147.2	122.6	104.9	92.9	83.0	76.2	72.1
33°	360.8	256.1	208.6	164.1	136.5	114.7	99.9	89.0	80.0	74.2	70.2
34°	312.4	235.4	189.8	149.4	125.6	105.7	92.0	82.0	73.2	68.3	63.3
35°	272.9	213.6	171.0	134.4	112.8	95.0	83.0	73.2	65.3	60.3	55.4
36°	242.2	191.8	152.3	119.6	100.8	86.0	74.2	65.3	58.4	53.3	49.4
37°	218.5	172.1	136.5	107.8	92.0	77.1	67.2	59.3	52.4	47.5	43.5
38°	196.7	153.2	122.6	97.8	83.0	70.2	60.3	54.4	47.5	42.6	38.5
39°	175.0	134.4	109.8	89.0	76.2	64.2	55.4	49.4	42.6	38.5	34.7
40°	155.2	120.7	98.9	80.0	69.1	57.4	50.5	44.5	38.5	34.7	30.6
42.5°	114.7	89.9	75.1	61.2	52.4	44.5	38.5	32.5	28.7	25.7	22.7
45°	82.0	65.3	54.4	44.5	37.6	31.7	26.7	23.7	20.8	18.8	16.9
47.5°	55.4	44.5	37.6	29.7	25.7	21.8	18.8	16.9	14.8	12.8	11.8
50°	35.5	28.7	24.8	19.7	16.9	14.8	12.8	10.9	9.9	9.0	9.0
51°	29.7	23.7	20.8	16.9	14.8	12.8	10.9	9.9	9.0	7.9	6.9
52°	24.8	19.7	16.9	13.9	11.8	10.9	9.0	7.9	6.9	6.9	6.9
53°	20.8	16.9	14.8	11.8	10.9	9.0	7.9	6.9	6.0	6.0	6.0
54°	16.9	13.9	11.8	9.9	9.0	7.9	6.9	6.0	6.0	4.9	4.9
55°	13.9	11.8	9.9	9.0	7.9	6.9	6.0	4.9	4.9	4.9	4.9
57.5°	9.0	7.9	6.9	6.0	4.9	4.9	3.9	3.9	3.9	3.9	3.9
60°	6.0	4.9	4.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
61°	4.9	4.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
62°	4.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
63°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
64°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
65°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
66°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9

Classified

Scaled Data Report

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P1192085

CATALOG NUMBER: LDA6A25940D010TE 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°	3.0	3.0	3.0	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
75°	3.0	3.0	3.0	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
77.5°	3.0	3.0	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
80°	3.0	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	4.9
82.5°	3.0	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	4.9
85°	3.0	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	4.9
87.5°	3.0	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
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: P1192085

CATALOG NUMBER: LDA6A25940D010TE LAR35FL 6LAL1 30° Tilt

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
0°	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0
2.5°	186.8	183.8	178.9	175.9	148.3	133.5	119.6	118.6
5°	190.9	183.0	175.0	168.0	122.6	101.9	88.0	86.0
7.5°	186.8	175.0	164.1	156.2	102.7	80.0	68.3	66.3
10°	175.9	163.1	150.2	140.4	88.0	68.3	57.4	55.4
12.5°	162.2	148.3	135.5	124.6	76.2	61.2	52.4	50.5
15°	146.4	132.5	121.6	111.7	70.2	56.3	50.5	48.4
17.5°	131.4	118.6	108.7	99.9	65.3	54.4	51.4	52.4
20°	116.6	106.8	97.8	91.0	67.2	64.2	74.2	83.0
22.5°	107.8	100.8	95.9	91.0	103.8	160.1	361.9	429.1
25°	112.8	111.7	114.7	121.6	212.5	269.0	237.3	240.3
26°	118.6	120.7	125.6	132.5	181.9	169.1	155.2	166.1
27°	114.7	115.8	114.7	113.6	119.6	118.6	124.6	135.5
28°	95.9	93.9	92.0	89.0	91.0	100.8	114.7	123.7
29°	83.0	81.1	78.1	75.1	79.2	97.8	110.7	116.6
30°	75.1	72.1	69.1	67.2	79.2	96.9	105.7	108.7
31°	70.2	68.3	66.3	66.3	80.0	92.0	96.9	97.8
32°	70.2	68.3	67.2	67.2	74.2	82.0	85.0	86.0
33°	68.3	66.3	63.3	62.3	65.3	71.2	74.2	74.2
34°	60.3	58.4	56.3	53.3	56.3	61.2	64.2	63.3
35°	52.4	50.5	48.4	46.4	48.4	53.3	54.4	53.3
36°	45.6	43.5	41.5	39.6	41.5	45.6	46.4	45.6
37°	40.5	38.5	36.6	34.7	34.7	39.6	40.5	38.5
38°	36.6	33.6	31.7	30.6	30.6	34.7	34.7	32.5
39°	32.5	30.6	28.7	26.7	26.7	29.7	29.7	27.6
40°	28.7	26.7	24.8	23.7	23.7	25.7	25.7	23.7
42.5°	20.8	19.7	18.8	17.8	17.8	19.7	18.8	16.9
45°	15.8	14.8	13.9	13.9	13.9	14.8	12.8	11.8
47.5°	10.9	10.9	9.9	9.9	9.9	10.9	9.9	9.0
50°	7.9	7.9	6.9	6.9	7.9	7.9	6.9	4.9
51°	6.9	6.9	6.9	6.0	6.9	6.9	6.0	4.9
52°	6.0	6.0	6.0	6.0	6.0	6.0	4.9	3.9
53°	4.9	4.9	4.9	4.9	4.9	4.9	3.9	3.0
54°	4.9	4.9	4.9	4.9	4.9	4.9	3.0	3.0
55°	4.9	4.9	4.9	4.9	4.9	3.9	3.0	1.9
57.5°	3.9	3.9	3.9	3.9	3.9	3.9	3.0	1.9
60°	3.9	3.9	3.9	3.9	3.9	3.9	1.9	1.1
61°	3.9	3.9	3.9	3.9	4.9	3.9	1.9	1.1
62°	3.9	3.9	3.9	3.9	4.9	3.9	1.9	1.1
63°	3.9	3.9	3.9	3.9	4.9	3.9	1.9	1.1
64°	3.9	3.9	3.9	4.9	4.9	3.9	1.9	1.1
65°	3.9	3.9	4.9	4.9	4.9	3.9	1.9	1.1
66°	3.9	4.9	4.9	4.9	4.9	3.9	1.9	1.1



TEST NUMBER: P1192085

CATALOG NUMBER: LDA6A25940D010TE LAR35FL 6LAL1 30° Tilt

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
72.5°	3.9	4.9	4.9	4.9	4.9	3.9	3.0	1.9
75°	3.9	4.9	4.9	4.9	4.9	3.9	3.0	1.9
77.5°	4.9	4.9	4.9	4.9	4.9	3.9	3.0	1.9
80°	4.9	4.9	4.9	4.9	4.9	3.9	3.0	1.9
82.5°	4.9	4.9	4.9	4.9	4.9	3.9	3.0	1.9
85°	4.9	4.9	4.9	4.9	4.9	3.9	3.0	1.9
87.5°	4.9	4.9	4.9	4.9	4.9	3.9	1.9	1.1
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



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Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report



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Peachtree City, GA 30269



— 0°-180° - - 45°-225° - - - 90°-270°

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Peachtree City, GA 30269

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Scaled Data Report





67.5°	7.9	6.9	6.9	6.9	6.9	6.0	6.0	6.0	4.9	4.9	3.9
70°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	1.9

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67.5°	3.9	3.9	3.9	3.9	3.0	3.0	3.0	3.0	3.0	3.0	3.0
70°	1.9	1.9	1.9	1.9	1.9	1.9	3.0	3.0	3.0	3.0	3.0

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67.5°	3.0	3.0	3.0	3.0	3.9	3.9	3.9	3.9	3.9	3.9	3.9
70°	3.0	3.0	3.0	3.0	3.9	3.9	3.9	3.9	3.9	3.9	3.9

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67.5°	3.9	4.9	4.9	4.9	4.9	3.9	1.9	1.9
70°	3.9	3.9	4.9	4.9	4.9	3.9	3.0	1.9

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Scaled Data Report



(END OF REPORT)