

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: P1192071

Luminaire Tested: **LDA6A25930D010TE 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: P1192071
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: LDA6A25930D010TE 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 / 3000K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

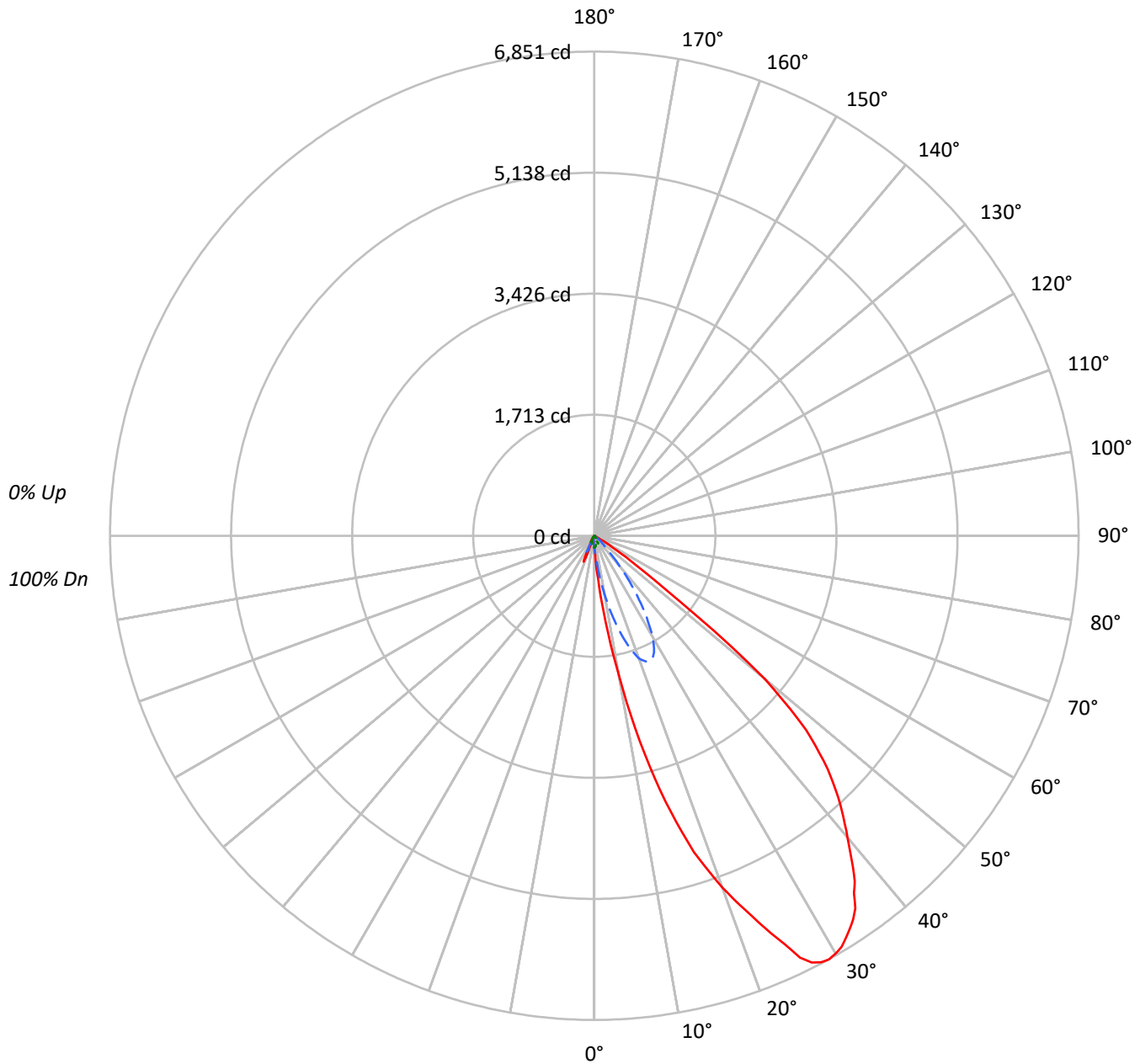
Lumens per Lamp: N/A
Luminaire Lumens: 2274.8 lumens
Efficiency: N/A
Efficacy: 72.9 lumens/watt
Spacing Criteria (0/90/45): 2.79 / 0.61 / 1.41
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 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°	9111	9111	9111
5°	34443	8546	4375
10°	111961	7225	2850
15°	221131	5863	2548
20°	308867	4906	4475
25°	385752	6799	13428
30°	432149	3931	6362
35°	430824	2871	3299
40°	398833	1574	1574
45°	362224	992	845
50°	268639	537	392
55°	65594	440	172
60°	11633	406	99
65°	2127	597	117
70°	449	737	289
75°	0	974	381
80°	0	1452	568
85°	0	2893	1132



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	31.8	1.4
10°-20°	256.6	11.3
20°-30°	622.9	27.4
30°-40°	735.3	32.3
40°-50°	521.6	22.9
50°-60°	94.6	4.2
60°-70°	6.0	0.3
70°-80°	3.2	0.1
80°-90°	2.8	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°	911.2	40.1
0°-40°	1646.6	72.4
0°-60°	2262.8	99.5
0°-90°	2274.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2274.8	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	166	166	166	166	166	
5°	626	358	155	94	80	104
15°	3896	1417	103	52	45	1127
25°	6377	1923	112	249	222	2934
35°	6438	1103	43	49	49	3966
45°	4672	210	13	14	11	3508
55°	686	27	5	4	2	891
65°	16	5	5	4	1	26
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°	166.2	166.2	166.2	166.2	166.2	166.2	166.2	166.2	166.2	166.2	166.2
2.5°	278.7	272.3	272.3	275.0	276.0	270.4	270.4	263.2	259.5	260.4	253.2
5°	625.9	638.8	613.1	616.8	614.1	596.7	589.3	564.7	548.4	540.1	513.5
7.5°	1222.7	1203.5	1165.1	1166.9	1156.9	1128.5	1104.8	1061.9	1025.3	998.7	950.3
10°	2011.3	2016.8	1955.6	1950.1	1926.2	1872.4	1819.4	1736.2	1661.2	1602.8	1513.3
12.5°	2976.3	2920.5	2898.5	2883.0	2844.7	2770.6	2688.3	2573.2	2459.1	2361.2	2223.3
15°	3896.3	3865.4	3832.5	3805.9	3757.5	3664.3	3561.0	3416.6	3267.8	3138.8	2964.3
17.5°	4691.3	4653.9	4614.6	4583.5	4498.5	4432.7	4293.9	4174.1	4004.2	3850.8	3640.6
20°	5294.4	5274.4	5228.6	5185.7	5095.3	5009.4	4865.0	4728.8	4540.6	4346.0	4144.9
22.5°	5828.2	5797.9	5740.4	5675.5	5562.2	5448.9	5282.6	5131.0	4925.3	4717.9	4501.3
25°	6377.4	6363.7	6275.9	6171.7	6011.8	5851.9	5644.5	5457.1	5225.1	5006.6	4754.5
26°	6643.2	6581.1	6491.6	6370.0	6181.8	5988.1	5763.2	5557.6	5310.1	5070.6	4818.4
27°	6775.7	6727.3	6648.7	6525.3	6328.8	6100.5	5852.8	5631.7	5369.4	5121.8	4860.4
28°	6836.9	6795.9	6731.0	6616.7	6425.8	6168.9	5908.6	5674.6	5401.4	5145.6	4875.9
29°	6850.6	6818.6	6762.0	6656.9	6477.8	6215.5	5937.8	5693.8	5415.1	5153.8	4879.6
30°	6826.9	6808.6	6764.8	6664.3	6491.6	6229.3	5943.2	5693.8	5411.4	5145.6	4865.0
31°	6787.6	6776.6	6740.1	6646.0	6477.8	6211.9	5922.3	5671.9	5387.7	5119.0	4832.1
32°	6713.6	6723.6	6693.5	6601.2	6434.9	6167.2	5881.1	5633.4	5348.4	5077.0	4781.8
33°	6634.9	6659.8	6632.3	6532.7	6360.9	6095.0	5819.9	5578.7	5292.7	5018.6	4716.0
34°	6549.1	6577.4	6542.8	6430.3	6253.0	5996.3	5736.7	5502.9	5218.6	4943.6	4630.1
35°	6437.6	6461.3	6415.7	6297.0	6116.0	5872.8	5633.4	5405.1	5124.5	4844.9	4524.2
36°	6250.4	6307.9	6260.4	6138.0	5960.6	5738.6	5516.6	5294.4	5016.6	4736.2	4408.1
37°	6124.2	6135.1	6088.5	5964.3	5800.7	5603.3	5393.1	5176.5	4902.5	4614.6	4281.1
38°	5942.3	5946.9	5900.3	5784.4	5642.6	5461.7	5260.6	5049.5	4775.4	4483.1	4139.5
39°	5752.3	5751.5	5709.4	5609.7	5483.7	5310.9	5116.4	4908.8	4631.0	4331.4	3974.1
40°	5573.2	5570.4	5533.8	5442.5	5320.1	5152.8	4961.9	4753.4	4470.2	4163.2	3791.3
42.5°	5149.3	5131.0	5094.4	5004.8	4887.9	4722.5	4523.2	4298.5	3997.9	3651.5	3231.2
45°	4672.2	4632.9	4594.6	4491.3	4359.7	4182.4	3958.5	3703.5	3367.3	2988.1	2551.2
47.5°	4061.7	4008.8	3971.3	3853.4	3703.5	3504.4	3248.6	2970.6	2616.2	2209.6	1763.6
50°	3149.9	3031.9	2992.6	2807.2	2605.2	2347.5	2025.9	1704.2	1346.9	1014.4	710.0
51°	2502.0	2370.4	2332.0	2141.9	1946.4	1708.7	1416.4	1144.0	866.2	639.7	475.2
52°	1828.5	1706.1	1671.3	1499.6	1335.1	1144.0	926.6	747.5	591.3	478.0	383.9
53°	1261.9	1182.4	1151.4	1036.2	927.5	805.0	673.4	564.7	464.3	383.9	313.5
54°	931.2	877.2	852.5	769.5	690.9	605.0	514.4	440.5	371.0	311.6	253.2
55°	686.3	646.0	628.7	571.0	520.0	461.4	401.1	348.2	294.3	244.9	191.9
57.5°	310.7	290.6	283.2	258.6	238.6	221.1	180.0	150.8	122.4	98.7	76.7
60°	106.1	97.8	95.0	85.9	80.4	74.9	63.0	53.8	46.6	40.3	33.8
61°	67.6	63.0	61.2	56.6	53.8	51.2	43.8	38.4	33.8	30.1	25.5
62°	45.7	42.9	42.0	39.2	37.5	36.6	32.0	28.3	24.6	22.0	19.2
63°	32.0	30.1	30.1	28.3	27.4	26.6	22.9	20.9	18.3	16.4	14.6
64°	22.9	22.0	20.9	20.1	19.2	19.2	16.4	15.5	13.7	12.8	10.9
65°	16.4	15.5	15.5	14.6	14.6	13.7	12.8	10.9	10.0	9.1	8.3
66°	12.0	10.9	10.9	10.9	10.0	10.0	9.1	8.3	7.4	7.4	6.3



TEST NUMBER: P1192071

CATALOG NUMBER: LDA6A25930D010TE 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°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
75°	0.0	0.0	0.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
77.5°	0.0	0.0	0.0	0.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9
80°	0.0	0.0	0.0	0.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9
82.5°	0.0	0.0	0.0	0.0	0.0	0.9	0.9	0.9	0.9	0.9	0.9
85°	0.0	0.0	0.0	0.0	0.0	0.9	0.9	0.9	0.9	0.9	0.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.9	0.9	0.9	0.9	0.9	0.9
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°	166.2	166.2	166.2	166.2	166.2	166.2	166.2	166.2	166.2	166.2	166.2
2.5°	254.9	248.6	246.6	244.9	242.1	239.4	231.2	229.4	227.5	220.3	218.3
5°	506.3	480.6	464.3	446.8	428.5	407.6	373.7	358.2	341.8	313.5	299.8
7.5°	922.0	869.9	827.9	785.0	742.0	691.7	625.9	586.7	544.7	488.9	451.4
10°	1445.6	1349.7	1267.4	1188.0	1111.1	1023.5	937.5	851.6	778.5	691.7	621.4
12.5°	2104.4	1948.2	1812.9	1679.5	1547.9	1407.2	1270.2	1136.8	1007.0	891.9	783.0
15°	2808.1	2606.1	2417.0	2226.8	2027.7	1816.6	1610.1	1417.2	1233.6	1072.8	925.7
17.5°	3408.5	3179.1	2936.9	2700.2	2446.2	2163.0	1909.8	1661.2	1425.5	1218.1	1029.0
20°	3894.6	3633.2	3346.2	3064.8	2754.1	2450.8	2147.3	1851.4	1552.5	1299.4	1071.0
22.5°	4242.7	3965.0	3651.5	3331.6	2977.1	2627.1	2275.4	1927.2	1590.9	1303.9	1049.9
25°	4476.7	4174.1	3834.2	3479.8	3084.1	2698.5	2303.7	1922.7	1555.3	1249.2	979.5
26°	4532.3	4222.7	3873.5	3505.3	3099.6	2703.9	2290.0	1897.0	1521.4	1208.9	936.6
27°	4568.0	4249.1	3890.9	3511.6	3098.7	2710.3	2258.9	1856.9	1473.9	1159.5	887.4
28°	4580.9	4255.6	3890.0	3498.9	3077.6	2647.3	2210.5	1799.2	1421.8	1100.2	830.7
29°	4578.9	4247.3	3871.7	3467.8	3038.4	2594.2	2143.8	1727.9	1350.6	1033.5	769.5
30°	4560.6	4219.9	3834.2	3415.7	2978.9	2520.3	2057.8	1642.1	1271.9	960.4	702.6
31°	4523.2	4173.3	3773.9	3339.0	2896.8	2426.2	1957.3	1545.1	1185.2	881.7	634.2
32°	4466.5	4106.6	3692.6	3244.0	2796.1	2316.4	1844.0	1426.4	1092.8	801.3	574.7
33°	4393.5	4021.6	3594.8	3132.5	2682.8	2190.4	1718.8	1343.4	998.7	720.1	497.2
34°	4300.3	3918.3	3476.1	3003.5	2551.2	2050.6	1589.1	1216.3	903.7	637.9	438.6
35°	4188.7	3794.0	3340.8	2861.0	2405.0	1898.9	1471.2	1102.9	807.0	555.6	372.8
36°	4063.7	3656.0	3189.1	2707.6	2245.1	1744.5	1336.8	989.6	710.9	475.2	314.4
37°	3926.6	3504.4	3028.3	2539.5	2073.4	1584.5	1202.6	878.2	616.8	398.5	267.8
38°	3772.1	3334.5	2850.1	2353.9	1889.8	1425.5	1070.0	766.7	522.7	329.9	234.0
39°	3593.1	3140.8	2656.4	2149.3	1701.5	1265.6	939.4	657.1	434.0	275.0	208.3
40°	3393.7	2935.1	2444.5	1932.7	1511.4	1110.3	811.4	551.0	354.5	237.7	186.5
42.5°	2809.0	2332.9	1840.3	1420.9	1069.1	754.7	520.0	329.9	229.4	176.3	137.0
45°	2118.1	1672.2	1271.0	956.7	695.4	452.3	296.1	210.2	162.7	122.4	95.9
47.5°	1386.3	1041.6	741.2	514.4	348.2	232.0	180.8	137.0	106.1	81.3	64.9
50°	522.7	385.6	299.8	239.4	189.1	143.4	113.3	86.7	66.7	51.2	41.2
51°	386.5	311.6	245.8	196.5	156.2	118.7	92.4	68.6	53.0	41.2	33.8
52°	317.0	255.8	202.0	160.8	127.0	92.4	71.2	53.8	42.9	33.8	27.4
53°	259.5	208.3	162.7	127.0	96.9	70.4	54.9	42.9	34.7	27.4	22.9
54°	206.5	161.7	121.6	93.2	72.1	53.0	42.9	33.8	27.4	22.9	19.2
55°	153.6	117.0	86.7	68.6	53.8	41.2	33.8	27.4	22.9	18.3	15.5
57.5°	63.0	50.3	41.2	33.8	28.3	22.9	19.2	16.4	13.7	10.9	9.1
60°	29.2	24.6	22.0	18.3	15.5	12.8	10.9	10.0	8.3	7.4	6.3
61°	22.9	19.2	16.4	14.6	12.8	10.0	9.1	8.3	7.4	6.3	5.5
62°	17.4	14.6	12.8	10.9	10.0	8.3	7.4	6.3	5.5	5.5	4.6
63°	12.8	10.9	10.0	9.1	8.3	7.4	6.3	5.5	5.5	4.6	4.6
64°	10.0	9.1	8.3	7.4	6.3	5.5	5.5	4.6	4.6	3.7	3.7
65°	7.4	7.4	6.3	5.5	5.5	4.6	4.6	4.6	3.7	3.7	3.7
66°	6.3	5.5	4.6	4.6	4.6	3.7	3.7	3.7	3.7	3.7	3.7



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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°	1.8	1.8	1.8	1.8	1.8	1.8	2.8	2.8	2.8	2.8	2.8
75°	1.8	1.8	1.8	1.8	1.8	1.8	2.8	2.8	2.8	2.8	2.8
77.5°	1.8	1.8	1.8	1.8	1.8	1.8	2.8	2.8	2.8	2.8	2.8
80°	1.8	1.8	1.8	1.8	1.8	1.8	2.8	2.8	2.8	2.8	2.8
82.5°	1.8	1.8	1.8	1.8	1.8	2.8	2.8	2.8	2.8	2.8	2.8
85°	1.8	1.8	1.8	1.8	1.8	2.8	2.8	2.8	2.8	2.8	2.8
87.5°	1.8	1.8	1.8	1.8	1.8	2.8	2.8	2.8	2.8	2.8	2.8
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):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	166.2	166.2	166.2	166.2	166.2	166.2	166.2	166.2	166.2	166.2	166.2
2.5°	213.7	212.9	206.5	203.7	200.2	195.6	191.9	189.1	184.5	180.8	177.3
5°	280.6	270.4	254.0	243.1	233.1	222.9	214.8	207.4	199.1	191.9	184.5
7.5°	404.8	371.0	329.9	298.9	273.2	250.3	234.0	220.3	207.4	196.5	183.7
10°	543.8	481.5	418.5	359.1	312.4	273.2	245.8	224.8	207.4	192.8	176.3
12.5°	671.7	580.2	488.0	408.5	339.9	286.1	248.6	222.0	202.0	183.7	164.5
15°	780.4	658.0	541.0	438.6	353.6	286.9	244.0	214.8	191.9	169.9	150.8
17.5°	848.8	693.5	555.6	437.7	344.5	272.3	229.4	201.1	175.4	153.6	135.3
20°	863.6	685.4	534.6	405.7	312.4	244.9	209.2	180.0	154.5	135.3	119.6
22.5°	827.0	638.8	478.9	351.0	267.8	216.6	186.5	158.2	137.0	121.6	108.7
25°	748.4	557.3	402.0	287.8	229.4	191.1	163.6	140.7	125.3	115.1	107.8
26°	707.2	517.2	367.3	264.9	216.6	181.9	156.2	136.2	123.3	116.1	110.7
27°	659.7	474.3	332.7	244.9	204.8	169.9	147.1	128.8	117.0	110.7	107.0
28°	607.6	428.5	299.8	226.6	190.0	155.3	134.4	117.0	105.0	97.8	91.3
29°	552.9	382.8	269.5	210.2	175.4	142.5	122.4	106.1	94.1	86.7	80.4
30°	495.2	339.0	244.0	195.6	160.8	130.7	112.4	96.9	85.9	78.6	72.1
31°	439.5	298.9	225.7	180.0	148.0	120.7	104.1	91.3	80.4	73.2	68.6
32°	383.9	264.9	208.3	165.4	136.2	113.3	96.9	85.9	76.7	70.4	66.7
33°	333.6	236.6	192.8	151.6	126.1	106.1	92.4	82.2	74.1	68.6	64.9
34°	288.7	217.4	175.4	137.9	116.1	97.8	85.0	75.8	67.6	63.0	58.4
35°	252.3	197.4	158.2	124.2	104.1	87.8	76.7	67.6	60.3	55.8	51.2
36°	224.0	177.3	140.7	110.7	93.2	79.5	68.6	60.3	53.8	49.3	45.7
37°	202.0	159.0	126.1	99.6	85.0	71.2	62.1	54.9	48.4	43.8	40.3
38°	181.9	141.6	113.3	90.4	76.7	64.9	55.8	50.3	43.8	39.2	35.7
39°	161.7	124.2	101.5	82.2	70.4	59.5	51.2	45.7	39.2	35.7	32.0
40°	143.4	111.5	91.3	74.1	64.0	53.0	46.6	41.2	35.7	32.0	28.3
42.5°	106.1	83.2	69.5	56.6	48.4	41.2	35.7	30.1	26.6	23.7	20.9
45°	75.8	60.3	50.3	41.2	34.7	29.2	24.6	22.0	19.2	17.4	15.5
47.5°	51.2	41.2	34.7	27.4	23.7	20.1	17.4	15.5	13.7	12.0	10.9
50°	32.9	26.6	22.9	18.3	15.5	13.7	12.0	10.0	9.1	8.3	8.3
51°	27.4	22.0	19.2	15.5	13.7	12.0	10.0	9.1	8.3	7.4	6.3
52°	22.9	18.3	15.5	12.8	10.9	10.0	8.3	7.4	6.3	6.3	6.3
53°	19.2	15.5	13.7	10.9	10.0	8.3	7.4	6.3	5.5	5.5	5.5
54°	15.5	12.8	10.9	9.1	8.3	7.4	6.3	5.5	5.5	4.6	4.6
55°	12.8	10.9	9.1	8.3	7.4	6.3	5.5	4.6	4.6	4.6	4.6
57.5°	8.3	7.4	6.3	5.5	4.6	4.6	3.7	3.7	3.7	3.7	3.7
60°	5.5	4.6	4.6	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
61°	4.6	4.6	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
62°	4.6	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
63°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
64°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
65°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
66°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7



TEST NUMBER: P1192071

CATALOG NUMBER: LDA6A25930D010TE 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°	2.8	2.8	2.8	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
75°	2.8	2.8	2.8	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
77.5°	2.8	2.8	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
80°	2.8	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	4.6
82.5°	2.8	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	4.6
85°	2.8	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	4.6
87.5°	2.8	3.7	3.7	3.7	3.7	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

Cooper Lighting Solutions Photometric Lab

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TEST NUMBER: P1192071

CATALOG NUMBER: LDA6A25930D010TE LAR35FL 6LAL1 30° Tilt

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
0°	166.2	166.2	166.2	166.2	166.2	166.2	166.2	166.2
2.5°	172.8	169.9	165.4	162.7	137.0	123.3	110.7	109.6
5°	176.3	169.1	161.7	155.3	113.3	94.1	81.3	79.5
7.5°	172.8	161.7	151.6	144.4	95.0	74.1	63.0	61.2
10°	162.7	150.8	139.0	129.8	81.3	63.0	53.0	51.2
12.5°	149.9	137.0	125.3	115.1	70.4	56.6	48.4	46.6
15°	135.3	122.4	112.4	103.3	64.9	52.1	46.6	44.9
17.5°	121.6	109.6	100.5	92.4	60.3	50.3	47.5	48.4
20°	107.8	98.7	90.4	84.1	62.1	59.5	68.6	76.7
22.5°	99.6	93.2	88.7	84.1	95.9	148.0	334.4	396.5
25°	104.1	103.3	106.1	112.4	196.5	248.6	219.4	222.0
26°	109.6	111.5	116.1	122.4	168.2	156.2	143.4	153.6
27°	106.1	107.0	106.1	105.0	110.7	109.6	115.1	125.3
28°	88.7	86.7	85.0	82.2	84.1	93.2	106.1	114.2
29°	76.7	74.9	72.1	69.5	73.2	90.4	102.4	107.8
30°	69.5	66.7	64.0	62.1	73.2	89.5	97.8	100.5
31°	64.9	63.0	61.2	61.2	74.1	85.0	89.5	90.4
32°	64.9	63.0	62.1	62.1	68.6	75.8	78.6	79.5
33°	63.0	61.2	58.4	57.5	60.3	65.8	68.6	68.6
34°	55.8	53.8	52.1	49.3	52.1	56.6	59.5	58.4
35°	48.4	46.6	44.9	42.9	44.9	49.3	50.3	49.3
36°	42.0	40.3	38.4	36.6	38.4	42.0	42.9	42.0
37°	37.5	35.7	33.8	32.0	32.0	36.6	37.5	35.7
38°	33.8	31.1	29.2	28.3	28.3	32.0	32.0	30.1
39°	30.1	28.3	26.6	24.6	24.6	27.4	27.4	25.5
40°	26.6	24.6	22.9	22.0	22.0	23.7	23.7	22.0
42.5°	19.2	18.3	17.4	16.4	16.4	18.3	17.4	15.5
45°	14.6	13.7	12.8	12.8	12.8	13.7	12.0	10.9
47.5°	10.0	10.0	9.1	9.1	9.1	10.0	9.1	8.3
50°	7.4	7.4	6.3	6.3	7.4	7.4	6.3	4.6
51°	6.3	6.3	6.3	5.5	6.3	6.3	5.5	4.6
52°	5.5	5.5	5.5	5.5	5.5	5.5	4.6	3.7
53°	4.6	4.6	4.6	4.6	4.6	4.6	3.7	2.8
54°	4.6	4.6	4.6	4.6	4.6	4.6	2.8	2.8
55°	4.6	4.6	4.6	4.6	4.6	3.7	2.8	1.8
57.5°	3.7	3.7	3.7	3.7	3.7	3.7	2.8	1.8
60°	3.7	3.7	3.7	3.7	3.7	3.7	1.8	0.9
61°	3.7	3.7	3.7	3.7	4.6	3.7	1.8	0.9
62°	3.7	3.7	3.7	3.7	4.6	3.7	1.8	0.9
63°	3.7	3.7	3.7	3.7	4.6	3.7	1.8	0.9
64°	3.7	3.7	3.7	4.6	4.6	3.7	1.8	0.9
65°	3.7	3.7	4.6	4.6	4.6	3.7	1.8	0.9
66°	3.7	4.6	4.6	4.6	4.6	3.7	1.8	0.9

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Scaled Data Report

Cooper Lighting Solutions Photometric Lab

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TEST NUMBER: P1192071

CATALOG NUMBER: LDA6A25930D010TE LAR35FL 6LAL1 30° Tilt

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
72.5°	3.7	4.6	4.6	4.6	4.6	3.7	2.8	1.8
75°	3.7	4.6	4.6	4.6	4.6	3.7	2.8	1.8
77.5°	4.6	4.6	4.6	4.6	4.6	3.7	2.8	1.8
80°	4.6	4.6	4.6	4.6	4.6	3.7	2.8	1.8
82.5°	4.6	4.6	4.6	4.6	4.6	3.7	2.8	1.8
85°	4.6	4.6	4.6	4.6	4.6	3.7	2.8	1.8
87.5°	4.6	4.6	4.6	4.6	4.6	3.7	1.8	0.9
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

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Peachtree City, GA 30269



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— 0°-180° - - 45°-225° - - - 90°-270°

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67.5°	7.4	6.3	6.3	6.3	6.3	5.5	5.5	5.5	4.6	4.6	3.7
70°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	1.8

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67.5°	3.7	3.7	3.7	3.7	2.8	2.8	2.8	2.8	2.8	2.8	2.8
70°	1.8	1.8	1.8	1.8	1.8	1.8	2.8	2.8	2.8	2.8	2.8

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67.5°	2.8	2.8	2.8	2.8	3.7	3.7	3.7	3.7	3.7	3.7	3.7
70°	2.8	2.8	2.8	2.8	3.7	3.7	3.7	3.7	3.7	3.7	3.7

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67.5°	3.7	4.6	4.6	4.6	4.6	3.7	1.8	1.8
70°	3.7	3.7	4.6	4.6	4.6	3.7	2.8	1.8

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(END OF REPORT)