

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: P1192141

Luminaire Tested: **LDA6A35930D010TE 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: P1192141
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: LDA6A35930D010TE 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

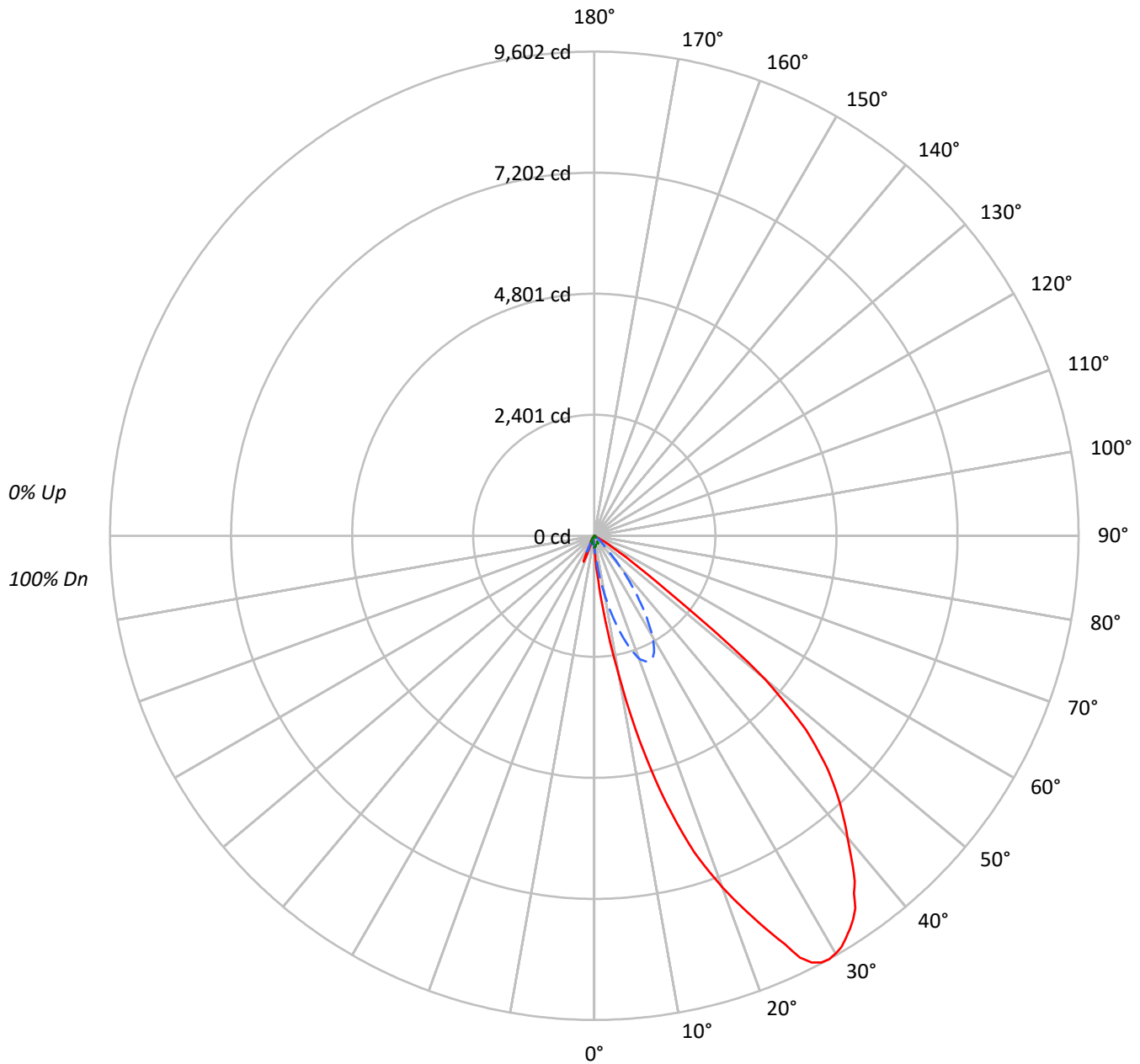
Lumens per Lamp: N/A
Luminaire Lumens: 3188.5 lumens
Efficiency: N/A
Efficacy: 66.8 lumens/watt
Spacing Criteria (0/90/45): 2.79 / 0.61 / 1.41
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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	36	46	40	35	45	39	35	44	39	35	34		

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°
0°	12773	12773	12773
5°	48283	11980	6136
10°	156939	10131	3997
15°	309962	8212	3570
20°	432941	6878	6271
25°	540709	9533	18824
30°	605739	5507	8913
35°	603880	4029	4618
40°	559047	2204	2204
45°	507727	1395	1186
50°	376551	759	546
55°	91944	612	239
60°	16304	570	132
65°	2970	830	156
70°	625	1026	401
75°	0	1356	530
80°	0	2020	789
85°	0	4026	1572

Classified

Scaled Data Report

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	44.5	1.4
10°-20°	359.7	11.3
20°-30°	873.1	27.4
30°-40°	1030.7	32.3
40°-50°	731.1	22.9
50°-60°	132.6	4.2
60°-70°	8.5	0.3
70°-80°	4.5	0.1
80°-90°	3.9	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°	1277.3	40.1
0°-40°	2308.0	72.4
0°-60°	3171.7	99.5
0°-90°	3188.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3188.5	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	233	233	233	233	233	
5°	877	502	218	132	112	146
15°	5462	1986	145	73	63	1579
25°	8939	2695	158	348	311	4113
35°	9024	1546	60	69	69	5559
45°	6549	295	18	19	15	4917
55°	962	38	6	5	2	1249
65°	23	6	6	5	1	37
75°	0	4	6	5	2	1
85°	0	4	6	5	2	0
90°	0	0	0	0	0	

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CATALOG NUMBER: LDA6A35930D010TE LAR35FL 6LAL1 30° Tilt

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	233.0	233.0	233.0	233.0	233.0	233.0	233.0	233.0	233.0	233.0	233.0
2.5°	390.6	381.7	381.7	385.4	386.9	379.0	379.0	368.9	363.7	365.0	354.8
5°	877.4	895.4	859.4	864.5	860.8	836.4	826.1	791.6	768.6	757.0	719.8
7.5°	1713.8	1686.9	1633.2	1635.6	1621.6	1581.9	1548.6	1488.4	1437.1	1399.9	1332.1
10°	2819.3	2826.9	2741.1	2733.5	2699.9	2624.5	2550.2	2433.6	2328.6	2246.7	2121.2
12.5°	4171.8	4093.7	4062.8	4041.1	3987.4	3883.6	3768.2	3606.9	3446.8	3309.7	3116.4
15°	5461.5	5418.1	5372.0	5334.7	5266.9	5136.2	4991.5	4789.0	4580.4	4399.7	4155.1
17.5°	6575.8	6523.3	6468.3	6424.7	6305.6	6213.4	6018.8	5850.9	5612.7	5397.6	5103.0
20°	7421.2	7393.0	7328.9	7268.8	7142.0	7021.7	6819.2	6628.4	6364.5	6091.8	5809.9
22.5°	8169.3	8126.9	8046.3	7955.3	7796.5	7637.7	7404.6	7192.1	6903.8	6613.1	6309.5
25°	8939.2	8919.9	8796.9	8650.9	8426.8	8202.6	7911.9	7649.2	7324.0	7017.7	6664.4
26°	9311.8	9224.7	9099.2	8928.8	8665.0	8393.5	8078.3	7790.1	7443.1	7107.5	6753.9
27°	9497.4	9429.6	9319.4	9146.6	8871.1	8551.0	8203.8	7893.9	7526.2	7179.2	6812.8
28°	9583.3	9525.8	9434.8	9274.5	9007.0	8647.0	8282.0	7954.0	7571.1	7212.5	6834.5
29°	9602.5	9557.6	9478.2	9331.0	9080.0	8712.3	8322.9	7980.9	7590.3	7224.1	6839.7
30°	9569.2	9543.6	9482.2	9341.4	9099.2	8731.5	8330.6	7980.9	7585.1	7212.5	6819.2
31°	9514.2	9498.7	9447.6	9315.7	9080.0	8707.1	8301.2	7950.3	7551.8	7175.3	6773.1
32°	9410.4	9424.5	9382.3	9252.8	9019.8	8644.5	8243.5	7896.3	7496.9	7116.4	6702.6
33°	9300.2	9334.9	9296.5	9156.9	8916.0	8543.4	8157.7	7819.6	7418.7	7034.5	6610.4
34°	9179.8	9219.5	9171.0	9013.4	8764.8	8405.1	8041.1	7713.4	7314.9	6929.5	6490.0
35°	9023.5	9056.8	8992.9	8826.5	8572.7	8231.9	7896.3	7576.3	7182.9	6791.1	6341.6
36°	8761.1	8841.8	8775.2	8603.6	8355.0	8043.8	7732.6	7421.2	7031.8	6638.7	6178.8
37°	8584.3	8599.6	8534.3	8360.2	8130.8	7854.2	7559.5	7255.9	6871.7	6468.3	6000.8
38°	8329.3	8335.8	8270.4	8107.9	7909.2	7655.7	7373.8	7077.9	6693.7	6283.9	5802.3
39°	8063.0	8061.8	8002.9	7863.0	7686.5	7444.3	7171.6	6880.6	6491.3	6071.3	5570.5
40°	7812.0	7808.1	7756.8	7628.8	7457.2	7222.6	6955.1	6662.9	6265.9	5835.6	5314.3
42.5°	7217.7	7192.1	7140.8	7015.3	6851.3	6619.5	6340.1	6025.2	5603.8	5118.2	4529.1
45°	6549.0	6494.0	6440.2	6295.5	6111.0	5862.5	5548.5	5191.2	4720.0	4188.3	3576.1
47.5°	5693.3	5619.1	5566.5	5401.3	5191.2	4912.1	4553.5	4163.9	3667.1	3097.2	2472.1
50°	4415.2	4249.7	4194.8	3934.9	3651.8	3290.5	2839.7	2388.7	1887.9	1421.8	995.2
51°	3507.0	3322.6	3268.8	3002.2	2728.3	2395.1	1985.3	1603.6	1214.2	896.6	666.0
52°	2563.1	2391.4	2342.6	2101.9	1871.4	1603.6	1298.8	1047.8	828.8	670.0	538.1
53°	1768.8	1657.3	1613.9	1452.4	1300.0	1128.4	944.0	791.6	650.8	538.1	439.4
54°	1305.2	1229.5	1195.0	1078.6	968.4	848.0	721.0	617.5	520.1	436.7	354.8
55°	962.0	905.5	881.3	800.4	728.9	646.8	562.2	488.0	412.5	343.3	269.0
57.5°	435.5	407.4	397.0	362.5	334.4	310.0	252.3	211.3	171.6	138.3	107.5
60°	148.7	137.1	133.2	120.3	112.7	105.0	88.3	75.5	65.3	56.5	47.3
61°	94.7	88.3	85.8	79.4	75.5	71.8	61.4	53.8	47.3	42.2	35.8
62°	64.1	60.2	58.9	55.0	52.5	51.3	44.9	39.7	34.5	30.8	26.9
63°	44.9	42.2	42.2	39.7	38.5	37.2	32.1	29.3	25.6	22.9	20.5
64°	32.1	30.8	29.3	28.1	26.9	26.9	22.9	21.7	19.2	18.0	15.3
65°	22.9	21.7	21.7	20.5	20.5	19.2	18.0	15.3	14.1	12.8	11.6
66°	16.8	15.3	15.3	15.3	14.1	14.1	12.8	11.6	10.4	10.4	8.9



TEST NUMBER: P1192141

CATALOG NUMBER: LDA6A35930D010TE 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°	233.0	233.0	233.0	233.0	233.0	233.0	233.0	233.0	233.0	233.0	233.0
2.5°	357.3	348.4	345.7	343.3	339.3	335.6	324.0	321.6	318.8	308.7	306.0
5°	709.7	673.7	650.8	626.3	600.7	571.4	523.8	502.1	479.1	439.4	420.2
7.5°	1292.4	1219.4	1160.5	1100.3	1040.1	969.6	877.4	822.4	763.4	685.3	632.8
10°	2026.2	1891.8	1776.4	1665.2	1557.5	1434.7	1314.1	1193.7	1091.2	969.6	871.0
12.5°	2949.7	2730.7	2541.1	2354.2	2169.8	1972.5	1780.4	1593.5	1411.5	1250.2	1097.6
15°	3936.1	3653.0	3387.9	3121.3	2842.2	2546.3	2256.8	1986.5	1729.1	1503.7	1297.6
17.5°	4777.7	4456.1	4116.6	3784.9	3428.8	3031.8	2677.0	2328.6	1998.1	1707.4	1442.3
20°	5459.0	5092.6	4690.4	4295.9	3860.4	3435.3	3009.9	2595.1	2176.2	1821.3	1501.2
22.5°	5947.0	5557.7	5118.2	4669.9	4173.1	3682.3	3189.4	2701.4	2229.9	1827.7	1471.7
25°	6275.0	5850.9	5374.4	4877.6	4323.0	3782.5	3229.1	2695.0	2180.1	1751.0	1373.0
26°	6352.9	5918.9	5429.4	4913.3	4344.7	3790.1	3209.9	2659.0	2132.5	1694.6	1312.8
27°	6403.0	5955.9	5453.9	4922.2	4343.5	3799.0	3166.2	2602.8	2065.9	1625.3	1243.8
28°	6421.0	5965.0	5452.6	4904.4	4313.9	3710.7	3098.4	2521.9	1992.9	1542.2	1164.4
29°	6418.3	5953.4	5427.0	4860.8	4258.9	3636.2	3005.0	2422.0	1893.1	1448.7	1078.6
30°	6392.6	5915.0	5374.4	4787.8	4175.5	3532.7	2884.4	2301.7	1782.9	1346.1	984.9
31°	6340.1	5849.6	5289.9	4680.3	4060.4	3400.7	2743.6	2165.8	1661.3	1235.9	889.0
32°	6260.7	5756.2	5175.9	4547.1	3919.3	3246.9	2584.8	1999.4	1531.8	1123.2	805.6
33°	6158.4	5637.1	5038.8	4390.8	3760.5	3070.3	2409.2	1883.0	1399.9	1009.3	696.9
34°	6027.7	5492.3	4872.4	4210.0	3576.1	2874.3	2227.5	1704.9	1266.7	894.1	614.8
35°	5871.3	5318.0	4682.8	4010.3	3371.1	2661.7	2062.2	1545.9	1131.1	778.7	522.5
36°	5696.0	5124.7	4470.2	3795.3	3147.0	2445.2	1873.8	1387.1	996.5	666.0	440.7
37°	5503.9	4912.1	4244.8	3559.5	2906.3	2221.0	1685.7	1231.0	864.5	558.5	375.3
38°	5287.4	4673.9	3995.0	3299.4	2648.9	1998.1	1499.8	1074.6	732.6	462.4	328.0
39°	5036.4	4402.4	3723.5	3012.6	2385.0	1774.0	1316.8	921.0	608.3	385.4	292.0
40°	4757.0	4114.1	3426.4	2709.0	2118.5	1556.2	1137.3	772.3	496.9	333.1	261.4
42.5°	3937.3	3270.0	2579.6	1991.7	1498.5	1057.9	728.9	462.4	321.6	247.1	192.1
45°	2969.0	2343.8	1781.6	1341.0	974.8	634.0	415.0	294.7	228.1	171.6	134.4
47.5°	1943.1	1460.1	1038.9	721.0	488.0	325.3	253.5	192.1	148.7	113.9	91.0
50°	732.6	540.5	420.2	335.6	265.1	201.0	158.8	121.6	93.5	71.8	57.7
51°	541.8	436.7	344.5	275.4	219.0	166.4	129.5	96.2	74.2	57.7	47.3
52°	444.4	358.5	283.1	225.4	178.0	129.5	99.9	75.5	60.2	47.3	38.5
53°	363.7	292.0	228.1	178.0	135.9	98.6	76.9	60.2	48.6	38.5	32.1
54°	289.5	226.6	170.4	130.7	101.1	74.2	60.2	47.3	38.5	32.1	26.9
55°	215.3	164.0	121.6	96.2	75.5	57.7	47.3	38.5	32.1	25.6	21.7
57.5°	88.3	70.5	57.7	47.3	39.7	32.1	26.9	22.9	19.2	15.3	12.8
60°	40.9	34.5	30.8	25.6	21.7	18.0	15.3	14.1	11.6	10.4	8.9
61°	32.1	26.9	22.9	20.5	18.0	14.1	12.8	11.6	10.4	8.9	7.6
62°	24.4	20.5	18.0	15.3	14.1	11.6	10.4	8.9	7.6	7.6	6.4
63°	18.0	15.3	14.1	12.8	11.6	10.4	8.9	7.6	7.6	6.4	6.4
64°	14.1	12.8	11.6	10.4	8.9	7.6	7.6	6.4	6.4	5.2	5.2
65°	10.4	10.4	8.9	7.6	7.6	6.4	6.4	6.4	5.2	5.2	5.2
66°	8.9	7.6	6.4	6.4	6.4	5.2	5.2	5.2	5.2	5.2	5.2



TEST NUMBER: P1192141

CATALOG NUMBER: LDA6A35930D010TE 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°	2.5	2.5	2.5	2.5	2.5	2.5	3.9	3.9	3.9	3.9	3.9
75°	2.5	2.5	2.5	2.5	2.5	2.5	3.9	3.9	3.9	3.9	3.9
77.5°	2.5	2.5	2.5	2.5	2.5	2.5	3.9	3.9	3.9	3.9	3.9
80°	2.5	2.5	2.5	2.5	2.5	2.5	3.9	3.9	3.9	3.9	3.9
82.5°	2.5	2.5	2.5	2.5	2.5	3.9	3.9	3.9	3.9	3.9	3.9
85°	2.5	2.5	2.5	2.5	2.5	3.9	3.9	3.9	3.9	3.9	3.9
87.5°	2.5	2.5	2.5	2.5	2.5	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: P1192141

CATALOG NUMBER: LDA6A35930D010TE LAR35FL 6LAL1 30° Tilt

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	233.0	233.0	233.0	233.0	233.0	233.0	233.0	233.0	233.0	233.0	233.0
2.5°	299.6	298.4	289.5	285.6	280.6	274.2	269.0	265.1	258.7	253.5	248.6
5°	393.3	379.0	356.1	340.8	326.7	312.4	301.1	290.7	279.1	269.0	258.7
7.5°	567.4	520.1	462.4	419.0	383.0	350.9	328.0	308.7	290.7	275.4	257.4
10°	762.2	674.9	586.6	503.3	437.9	383.0	344.5	315.1	290.7	270.3	247.1
12.5°	941.5	813.3	684.0	572.6	476.4	401.0	348.4	311.2	283.1	257.4	230.6
15°	1093.9	922.2	758.3	614.8	495.6	402.2	342.0	301.1	269.0	238.2	211.3
17.5°	1189.8	972.1	778.7	613.5	482.8	381.7	321.6	281.9	245.9	215.3	189.6
20°	1210.5	960.7	749.4	568.6	437.9	343.3	293.2	252.3	216.5	189.6	167.7
22.5°	1159.2	895.4	671.2	491.9	375.3	303.6	261.4	221.7	192.1	170.4	152.4
25°	1049.0	781.2	563.5	403.4	321.6	267.8	229.3	197.3	175.6	161.3	151.2
26°	991.3	725.0	514.9	371.4	303.6	255.0	219.0	190.9	172.9	162.8	155.1
27°	924.7	664.8	466.3	343.3	287.0	238.2	206.2	180.5	164.0	155.1	149.9
28°	851.7	600.7	420.2	317.6	266.3	217.7	188.4	164.0	147.2	137.1	128.0
29°	775.0	536.6	377.8	294.7	245.9	199.7	171.6	148.7	131.9	121.6	112.7
30°	694.2	475.2	342.0	274.2	225.4	183.2	157.6	135.9	120.3	110.2	101.1
31°	616.0	419.0	316.4	252.3	207.4	169.2	146.0	128.0	112.7	102.6	96.2
32°	538.1	371.4	292.0	231.8	190.9	158.8	135.9	120.3	107.5	98.6	93.5
33°	467.5	331.7	270.3	212.6	176.8	148.7	129.5	115.2	103.8	96.2	91.0
34°	404.7	304.8	245.9	193.3	162.8	137.1	119.1	106.3	94.7	88.3	81.9
35°	353.6	276.7	221.7	174.1	146.0	123.0	107.5	94.7	84.6	78.2	71.8
36°	313.9	248.6	197.3	155.1	130.7	111.5	96.2	84.6	75.5	69.0	64.1
37°	283.1	222.9	176.8	139.6	119.1	99.9	87.0	76.9	67.8	61.4	56.5
38°	255.0	198.5	158.8	126.7	107.5	91.0	78.2	70.5	61.4	55.0	50.1
39°	226.6	174.1	142.3	115.2	98.6	83.3	71.8	64.1	55.0	50.1	44.9
40°	201.0	156.3	128.0	103.8	89.8	74.2	65.3	57.7	50.1	44.9	39.7
42.5°	148.7	116.6	97.4	79.4	67.8	57.7	50.1	42.2	37.2	33.3	29.3
45°	106.3	84.6	70.5	57.7	48.6	40.9	34.5	30.8	26.9	24.4	21.7
47.5°	71.8	57.7	48.6	38.5	33.3	28.1	24.4	21.7	19.2	16.8	15.3
50°	46.1	37.2	32.1	25.6	21.7	19.2	16.8	14.1	12.8	11.6	11.6
51°	38.5	30.8	26.9	21.7	19.2	16.8	14.1	12.8	11.6	10.4	8.9
52°	32.1	25.6	21.7	18.0	15.3	14.1	11.6	10.4	8.9	8.9	8.9
53°	26.9	21.7	19.2	15.3	14.1	11.6	10.4	8.9	7.6	7.6	7.6
54°	21.7	18.0	15.3	12.8	11.6	10.4	8.9	7.6	7.6	6.4	6.4
55°	18.0	15.3	12.8	11.6	10.4	8.9	7.6	6.4	6.4	6.4	6.4
57.5°	11.6	10.4	8.9	7.6	6.4	6.4	5.2	5.2	5.2	5.2	5.2
60°	7.6	6.4	6.4	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
61°	6.4	6.4	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
62°	6.4	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
63°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
64°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
65°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
66°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2



TEST NUMBER: P1192141

CATALOG NUMBER: LDA6A35930D010TE 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°	3.9	3.9	3.9	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
75°	3.9	3.9	3.9	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
77.5°	3.9	3.9	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
80°	3.9	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	6.4
82.5°	3.9	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	6.4
85°	3.9	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	6.4
87.5°	3.9	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P1192141

CATALOG NUMBER: LDA6A35930D010TE LAR35FL 6LAL1 30° Tilt

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
0°	233.0	233.0	233.0	233.0	233.0	233.0	233.0	233.0
2.5°	242.2	238.2	231.8	228.1	192.1	172.9	155.1	153.6
5°	247.1	237.0	226.6	217.7	158.8	131.9	113.9	111.5
7.5°	242.2	226.6	212.6	202.5	133.2	103.8	88.3	85.8
10°	228.1	211.3	194.8	182.0	113.9	88.3	74.2	71.8
12.5°	210.1	192.1	175.6	161.3	98.6	79.4	67.8	65.3
15°	189.6	171.6	157.6	144.7	91.0	73.0	65.3	62.9
17.5°	170.4	153.6	140.8	129.5	84.6	70.5	66.6	67.8
20°	151.2	138.3	126.7	117.9	87.0	83.3	96.2	107.5
22.5°	139.6	130.7	124.3	117.9	134.4	207.4	468.8	555.8
25°	146.0	144.7	148.7	157.6	275.4	348.4	307.5	311.2
26°	153.6	156.3	162.8	171.6	235.7	219.0	201.0	215.3
27°	148.7	149.9	148.7	147.2	155.1	153.6	161.3	175.6
28°	124.3	121.6	119.1	115.2	117.9	130.7	148.7	160.0
29°	107.5	105.0	101.1	97.4	102.6	126.7	143.5	151.2
30°	97.4	93.5	89.8	87.0	102.6	125.5	137.1	140.8
31°	91.0	88.3	85.8	85.8	103.8	119.1	125.5	126.7
32°	91.0	88.3	87.0	87.0	96.2	106.3	110.2	111.5
33°	88.3	85.8	81.9	80.6	84.6	92.2	96.2	96.2
34°	78.2	75.5	73.0	69.0	73.0	79.4	83.3	81.9
35°	67.8	65.3	62.9	60.2	62.9	69.0	70.5	69.0
36°	58.9	56.5	53.8	51.3	53.8	58.9	60.2	58.9
37°	52.5	50.1	47.3	44.9	44.9	51.3	52.5	50.1
38°	47.3	43.6	40.9	39.7	39.7	44.9	44.9	42.2
39°	42.2	39.7	37.2	34.5	34.5	38.5	38.5	35.8
40°	37.2	34.5	32.1	30.8	30.8	33.3	33.3	30.8
42.5°	26.9	25.6	24.4	22.9	22.9	25.6	24.4	21.7
45°	20.5	19.2	18.0	18.0	18.0	19.2	16.8	15.3
47.5°	14.1	14.1	12.8	12.8	12.8	14.1	12.8	11.6
50°	10.4	10.4	8.9	8.9	10.4	10.4	8.9	6.4
51°	8.9	8.9	8.9	7.6	8.9	8.9	7.6	6.4
52°	7.6	7.6	7.6	7.6	7.6	7.6	6.4	5.2
53°	6.4	6.4	6.4	6.4	6.4	6.4	5.2	3.9
54°	6.4	6.4	6.4	6.4	6.4	6.4	3.9	3.9
55°	6.4	6.4	6.4	6.4	6.4	5.2	3.9	2.5
57.5°	5.2	5.2	5.2	5.2	5.2	5.2	3.9	2.5
60°	5.2	5.2	5.2	5.2	5.2	5.2	2.5	1.2
61°	5.2	5.2	5.2	5.2	6.4	5.2	2.5	1.2
62°	5.2	5.2	5.2	5.2	6.4	5.2	2.5	1.2
63°	5.2	5.2	5.2	5.2	6.4	5.2	2.5	1.2
64°	5.2	5.2	5.2	6.4	6.4	5.2	2.5	1.2
65°	5.2	5.2	6.4	6.4	6.4	5.2	2.5	1.2
66°	5.2	6.4	6.4	6.4	6.4	5.2	2.5	1.2



TEST NUMBER: P1192141

CATALOG NUMBER: LDA6A35930D010TE LAR35FL 6LAL1 30° Tilt

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
72.5°	5.2	6.4	6.4	6.4	6.4	5.2	3.9	2.5
75°	5.2	6.4	6.4	6.4	6.4	5.2	3.9	2.5
77.5°	6.4	6.4	6.4	6.4	6.4	5.2	3.9	2.5
80°	6.4	6.4	6.4	6.4	6.4	5.2	3.9	2.5
82.5°	6.4	6.4	6.4	6.4	6.4	5.2	3.9	2.5
85°	6.4	6.4	6.4	6.4	6.4	5.2	3.9	2.5
87.5°	6.4	6.4	6.4	6.4	6.4	5.2	2.5	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

Peachtree City, GA 30269

Scaled Data Report





— 0°-180° - - 45°-225° - - - 90°-270°

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Peachtree City, GA 30269

Scaled Data Report



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Peachtree City, GA 30269

Scaled Data Report





67.5°	10.4	8.9	8.9	8.9	8.9	7.6	7.6	7.6	6.4	6.4	5.2
70°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	2.5

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Cooper Lighting Solutions Photometric Lab

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Scaled Data Report





67.5°	5.2	5.2	5.2	5.2	3.9	3.9	3.9	3.9	3.9	3.9	3.9
70°	2.5	2.5	2.5	2.5	2.5	2.5	3.9	3.9	3.9	3.9	3.9

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1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



67.5°	3.9	3.9	3.9	3.9	5.2	5.2	5.2	5.2	5.2	5.2	5.2
70°	3.9	3.9	3.9	3.9	5.2	5.2	5.2	5.2	5.2	5.2	5.2

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Peachtree City, GA 30269

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Peachtree City, GA 30269

Scaled Data Report



67.5°	5.2	6.4	6.4	6.4	6.4	5.2	2.5	2.5
70°	5.2	5.2	6.4	6.4	6.4	5.2	3.9	2.5

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1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report



(END OF REPORT)