

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: P1191987

Luminaire Tested: **LDA6A10950D010TE 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: P1191987
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: LDA6A10950D010TE 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

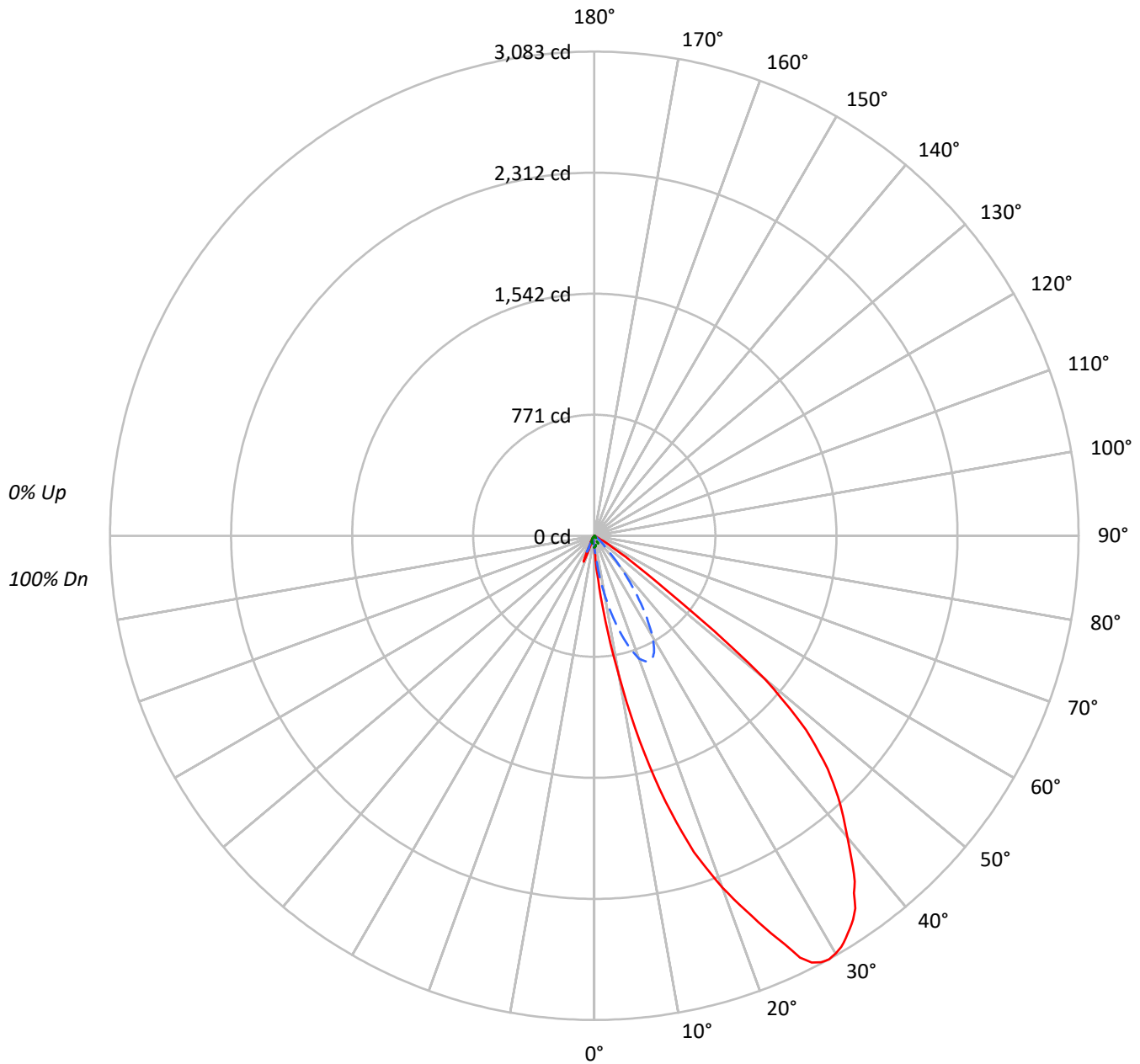
Lumens per Lamp: N/A
Luminaire Lumens: 1023.6 lumens
Efficiency: N/A
Efficacy: 82.5 lumens/watt
Spacing Criteria (0/90/45): 2.79 / 0.61 / 1.4
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 12.4
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°	4101	4101	4101
5°	15502	3852	1970
10°	50378	3245	1280
15°	99507	2633	1146
20°	138980	2205	2013
25°	173587	3055	6043
30°	194467	1772	2861
35°	193863	1292	1486
40°	179472	701	701
45°	163001	450	388
50°	120874	239	171
55°	29523	191	76
60°	5230	186	44
65°	960	259	52
70°	192	321	128
75°	0	424	169
80°	0	631	253
85°	0	1258	503



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	14.3	1.4
10°-20°	115.5	11.3
20°-30°	280.3	27.4
30°-40°	330.9	32.3
40°-50°	234.7	22.9
50°-60°	42.6	4.2
60°-70°	2.7	0.3
70°-80°	1.4	0.1
80°-90°	1.2	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°	410.0	40.1
0°-40°	740.9	72.4
0°-60°	1018.2	99.5
0°-90°	1023.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1023.6	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	75	75	75	75	75	
5°	282	161	70	42	36	47
15°	1753	638	46	23	20	507
25°	2870	865	50	112	100	1320
35°	2897	496	19	22	22	1785
45°	2102	94	6	6	5	1578
55°	309	12	2	2	1	401
65°	7	2	2	2	0	12
75°	0	1	2	2	1	0
85°	0	1	2	2	1	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°	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
2.5°	125.4	122.5	122.5	123.8	124.2	121.8	121.8	118.4	116.8	117.2	114.0
5°	281.7	287.5	275.9	277.5	276.3	268.5	265.3	254.1	246.7	243.0	231.1
7.5°	550.2	541.6	524.3	525.0	520.6	507.8	497.2	477.8	461.4	449.4	427.6
10°	905.0	907.5	879.9	877.4	866.7	842.5	818.7	781.2	747.6	721.1	681.0
12.5°	1339.3	1314.1	1304.4	1297.3	1279.9	1246.8	1209.7	1157.9	1106.6	1062.5	1000.5
15°	1753.3	1739.4	1724.5	1712.6	1690.8	1648.8	1602.4	1537.4	1470.5	1412.4	1333.9
17.5°	2111.0	2094.2	2076.5	2062.5	2024.3	1994.7	1932.1	1878.3	1801.8	1732.7	1638.2
20°	2382.3	2373.4	2352.8	2333.6	2292.8	2254.2	2189.2	2127.8	2043.3	1955.7	1865.1
22.5°	2622.7	2609.0	2583.0	2553.9	2502.9	2451.9	2377.1	2308.8	2216.3	2123.1	2025.5
25°	2869.8	2863.5	2824.0	2777.2	2705.2	2633.3	2539.9	2455.6	2351.1	2253.0	2139.4
26°	2989.4	2961.4	2921.2	2866.3	2781.6	2694.4	2593.4	2500.9	2389.4	2281.8	2168.2
27°	3049.0	3027.1	2991.8	2936.3	2847.9	2745.1	2633.7	2534.1	2416.1	2304.7	2187.2
28°	3076.5	3058.1	3028.9	2977.3	2891.5	2776.0	2658.8	2553.5	2430.5	2315.4	2194.1
29°	3082.7	3068.3	3042.7	2995.5	2914.9	2797.0	2671.9	2562.0	2436.7	2319.1	2195.8
30°	3072.1	3063.7	3044.1	2998.7	2921.2	2803.0	2674.5	2562.0	2435.1	2315.4	2189.2
31°	3054.3	3049.3	3033.0	2990.5	2914.9	2795.2	2664.9	2552.3	2424.3	2303.5	2174.4
32°	3021.0	3025.5	3011.9	2970.4	2895.6	2775.1	2646.4	2534.9	2406.8	2284.6	2151.8
33°	2985.7	2996.8	2984.4	2939.6	2862.4	2742.6	2618.8	2510.2	2381.6	2258.3	2122.2
34°	2946.9	2959.7	2944.1	2893.6	2813.8	2698.2	2581.5	2476.1	2348.3	2224.6	2083.4
35°	2896.8	2907.5	2886.9	2833.6	2752.0	2642.6	2534.9	2432.1	2306.0	2180.2	2035.8
36°	2812.6	2838.4	2817.0	2762.0	2682.3	2582.2	2482.3	2382.3	2257.4	2131.2	1983.5
37°	2755.8	2760.8	2739.8	2683.8	2610.3	2521.5	2426.9	2329.4	2206.0	2076.5	1926.5
38°	2674.0	2676.0	2655.0	2602.8	2539.1	2457.7	2367.1	2272.2	2148.8	2017.3	1862.7
39°	2588.5	2588.0	2569.1	2524.3	2467.5	2389.8	2302.1	2209.0	2083.8	1949.1	1788.3
40°	2507.9	2506.7	2490.1	2449.1	2394.0	2318.8	2232.8	2139.1	2011.5	1873.4	1706.0
42.5°	2317.0	2308.8	2292.4	2252.0	2199.4	2125.0	2035.5	1934.3	1799.0	1643.2	1453.9
45°	2102.5	2084.7	2067.4	2021.0	1961.8	1882.0	1781.3	1666.6	1515.3	1344.5	1148.0
47.5°	1827.7	1803.9	1786.9	1734.0	1666.6	1576.8	1461.8	1336.7	1177.2	994.2	793.5
50°	1417.3	1364.3	1346.7	1263.2	1172.4	1056.4	911.7	766.9	606.1	456.5	319.5
51°	1125.8	1066.6	1049.4	963.9	875.9	768.9	637.3	514.8	389.8	287.9	213.7
52°	822.7	767.7	752.1	674.8	600.8	514.8	416.8	336.3	266.0	215.1	172.7
53°	567.8	532.1	518.0	466.2	417.5	362.2	303.1	254.1	208.9	172.7	141.0
54°	419.0	394.7	383.7	346.2	310.9	272.3	231.5	198.1	166.9	140.2	114.0
55°	308.9	290.7	282.9	257.0	233.9	207.7	180.5	156.7	132.4	110.1	86.3
57.5°	139.8	130.7	127.5	116.4	107.3	99.5	81.0	67.8	55.1	44.4	34.5
60°	47.7	44.0	42.7	38.6	36.2	33.8	28.4	24.2	21.0	18.0	15.2
61°	30.4	28.4	27.6	25.6	24.2	23.0	19.8	17.3	15.2	13.6	11.5
62°	20.6	19.3	18.9	17.6	16.8	16.4	14.4	12.8	11.1	9.8	8.6
63°	14.4	13.6	13.6	12.8	12.4	12.0	10.2	9.5	8.2	7.4	6.6
64°	10.2	9.8	9.5	9.0	8.6	8.6	7.4	7.0	6.1	5.8	5.0
65°	7.4	7.0	7.0	6.6	6.6	6.1	5.8	5.0	4.6	4.2	3.7
66°	5.4	5.0	5.0	5.0	4.6	4.6	4.2	3.7	3.2	3.2	2.8



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CATALOG NUMBER: LDA6A10950D010TE 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°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
75°	0.0	0.0	0.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
77.5°	0.0	0.0	0.0	0.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4
80°	0.0	0.0	0.0	0.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4
82.5°	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4	0.4	0.4	0.4
85°	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4	0.4	0.4	0.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4	0.4	0.4	0.4
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°	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
2.5°	114.7	111.8	111.0	110.1	109.0	107.7	104.0	103.2	102.3	99.1	98.4
5°	227.8	216.3	208.9	201.1	192.9	183.4	168.2	161.2	153.7	141.0	134.9
7.5°	414.9	391.5	372.5	353.3	333.8	311.3	281.7	264.0	245.1	220.0	203.1
10°	650.5	607.4	570.3	534.6	500.0	460.5	421.8	383.2	350.3	311.3	279.7
12.5°	947.0	876.7	815.8	755.8	696.6	633.2	571.6	511.6	453.0	401.2	352.5
15°	1263.6	1172.7	1087.6	1002.0	912.5	817.4	724.6	637.7	555.2	482.8	416.5
17.5°	1533.7	1430.5	1321.5	1215.1	1100.7	973.2	859.4	747.6	641.4	548.2	463.0
20°	1752.5	1634.9	1505.8	1379.1	1239.4	1102.8	966.3	833.0	698.6	584.8	481.8
22.5°	1909.1	1784.1	1643.2	1499.3	1339.7	1182.2	1023.9	867.3	715.9	586.8	472.5
25°	2014.5	1878.3	1725.4	1565.8	1387.7	1214.2	1036.6	865.1	699.8	562.0	440.9
26°	2039.4	1900.1	1743.0	1577.3	1394.7	1216.7	1030.4	853.6	684.5	544.0	421.4
27°	2055.5	1912.0	1750.8	1580.2	1394.3	1219.6	1016.4	835.5	663.2	521.8	399.3
28°	2061.3	1915.0	1750.4	1574.5	1384.9	1191.2	994.7	809.6	639.8	495.0	373.9
29°	2060.4	1911.1	1742.2	1560.4	1367.2	1167.4	964.6	777.5	607.8	465.1	346.2
30°	2052.2	1898.9	1725.4	1537.0	1340.5	1134.0	926.0	738.9	572.4	432.2	316.3
31°	2035.5	1877.9	1698.2	1502.5	1303.5	1091.8	880.7	695.3	533.4	396.9	285.3
32°	2009.9	1847.9	1661.6	1459.6	1258.2	1042.4	829.7	641.8	491.8	360.7	258.6
33°	1977.0	1809.6	1617.6	1409.5	1207.2	985.6	773.4	604.4	449.4	324.1	223.7
34°	1935.1	1763.2	1564.2	1351.6	1148.0	922.7	715.1	547.2	406.6	287.0	197.4
35°	1884.9	1707.2	1503.3	1287.4	1082.2	854.5	662.0	496.3	363.1	249.9	167.8
36°	1828.5	1645.2	1435.1	1218.4	1010.3	784.9	601.5	445.2	319.9	213.7	141.5
37°	1767.0	1576.8	1362.7	1142.8	933.1	712.9	541.2	395.1	277.5	179.3	120.5
38°	1697.4	1500.4	1282.5	1059.2	850.3	641.4	481.4	345.1	235.1	148.4	105.4
39°	1616.8	1413.3	1195.4	967.1	765.6	569.6	422.7	295.7	195.3	123.8	93.8
40°	1527.2	1320.7	1100.0	869.6	680.2	499.6	365.0	247.9	159.5	106.9	83.9
42.5°	1263.9	1049.8	828.2	639.4	481.0	339.7	233.9	148.4	103.2	79.4	61.8
45°	953.1	752.5	572.0	430.5	312.9	203.5	133.2	94.5	73.2	55.1	43.2
47.5°	623.8	468.8	333.5	231.5	156.7	104.4	81.4	61.8	47.7	36.6	29.2
50°	235.1	173.6	134.9	107.7	85.2	64.6	51.0	39.0	30.0	23.0	18.5
51°	173.9	140.2	110.6	88.4	70.3	53.5	41.6	30.8	23.8	18.5	15.2
52°	142.7	115.1	90.9	72.4	57.2	41.6	32.0	24.2	19.3	15.2	12.4
53°	116.8	93.8	73.2	57.2	43.6	31.6	24.6	19.3	15.6	12.4	10.2
54°	93.0	72.8	54.7	42.0	32.4	23.8	19.3	15.2	12.4	10.2	8.6
55°	69.2	52.6	39.0	30.8	24.2	18.5	15.2	12.4	10.2	8.2	7.0
57.5°	28.4	22.6	18.5	15.2	12.8	10.2	8.6	7.4	6.1	5.0	4.2
60°	13.2	11.1	9.8	8.2	7.0	5.8	5.0	4.6	3.7	3.2	2.8
61°	10.2	8.6	7.4	6.6	5.8	4.6	4.2	3.7	3.2	2.8	2.4
62°	7.8	6.6	5.8	5.0	4.6	3.7	3.2	2.8	2.4	2.4	2.0
63°	5.8	5.0	4.6	4.2	3.7	3.2	2.8	2.4	2.4	2.0	2.0
64°	4.6	4.2	3.7	3.2	2.8	2.4	2.4	2.0	2.0	1.7	1.7
65°	3.2	3.2	2.8	2.4	2.4	2.0	2.0	2.0	1.7	1.7	1.7
66°	2.8	2.4	2.0	2.0	2.0	1.7	1.7	1.7	1.7	1.7	1.7



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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°	0.8	0.8	0.8	0.8	0.8	0.8	1.2	1.2	1.2	1.2	1.2
75°	0.8	0.8	0.8	0.8	0.8	0.8	1.2	1.2	1.2	1.2	1.2
77.5°	0.8	0.8	0.8	0.8	0.8	0.8	1.2	1.2	1.2	1.2	1.2
80°	0.8	0.8	0.8	0.8	0.8	0.8	1.2	1.2	1.2	1.2	1.2
82.5°	0.8	0.8	0.8	0.8	0.8	1.2	1.2	1.2	1.2	1.2	1.2
85°	0.8	0.8	0.8	0.8	0.8	1.2	1.2	1.2	1.2	1.2	1.2
87.5°	0.8	0.8	0.8	0.8	0.8	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):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
2.5°	96.2	95.8	93.0	91.7	90.0	88.0	86.3	85.2	83.0	81.4	79.8
5°	126.2	121.8	114.3	109.4	104.8	100.4	96.6	93.4	89.5	86.3	83.0
7.5°	182.1	166.9	148.4	134.5	122.9	112.7	105.4	99.1	93.4	88.4	82.6
10°	244.7	216.7	188.3	161.5	140.6	122.9	110.6	101.2	93.4	86.7	79.4
12.5°	302.2	261.1	219.5	183.8	153.0	128.8	111.8	99.9	90.9	82.6	73.9
15°	351.1	296.1	243.5	197.4	159.1	129.2	109.7	96.6	86.3	76.5	67.8
17.5°	382.0	312.1	249.9	197.0	155.0	122.5	103.2	90.4	78.9	69.2	60.8
20°	388.6	308.5	240.6	182.5	140.6	110.1	94.1	81.0	69.6	60.8	53.8
22.5°	372.1	287.5	215.5	158.0	120.5	97.3	83.9	71.1	61.8	54.7	49.0
25°	336.8	250.8	181.0	129.6	103.2	86.0	73.6	63.3	56.4	51.8	48.6
26°	318.2	232.8	165.4	119.2	97.3	81.7	70.3	61.3	55.5	52.2	49.8
27°	296.9	213.3	149.8	110.1	92.1	76.5	66.1	57.9	52.6	49.8	48.2
28°	273.5	192.9	134.9	101.9	85.6	70.0	60.4	52.6	47.3	44.0	41.2
29°	248.8	172.3	121.4	94.5	78.9	64.2	55.1	47.7	42.3	39.0	36.2
30°	222.9	152.6	109.7	88.0	72.4	58.8	50.5	43.6	38.6	35.4	32.4
31°	197.7	134.5	101.6	81.0	66.6	54.2	46.8	41.2	36.2	33.0	30.8
32°	172.7	119.2	93.8	74.4	61.3	51.0	43.6	38.6	34.5	31.6	30.0
33°	150.2	106.5	86.7	68.2	56.8	47.7	41.6	37.0	33.4	30.8	29.2
34°	129.9	97.8	78.9	62.2	52.2	44.0	38.2	34.2	30.4	28.4	26.4
35°	113.6	88.8	71.1	56.0	46.8	39.4	34.5	30.4	27.1	25.1	23.0
36°	100.8	79.8	63.3	49.8	42.0	35.8	30.8	27.1	24.2	22.2	20.6
37°	90.9	71.6	56.8	44.8	38.2	32.0	28.0	24.6	21.8	19.8	18.0
38°	81.7	63.8	51.0	40.8	34.5	29.2	25.1	22.6	19.8	17.6	16.0
39°	72.8	56.0	45.6	37.0	31.6	26.7	23.0	20.6	17.6	16.0	14.4
40°	64.6	50.1	41.2	33.4	28.8	23.8	21.0	18.5	16.0	14.4	12.8
42.5°	47.7	37.4	31.2	25.6	21.8	18.5	16.0	13.6	12.0	10.6	9.5
45°	34.2	27.1	22.6	18.5	15.6	13.2	11.1	9.8	8.6	7.8	7.0
47.5°	23.0	18.5	15.6	12.4	10.6	9.0	7.8	7.0	6.1	5.4	5.0
50°	14.8	12.0	10.2	8.2	7.0	6.1	5.4	4.6	4.2	3.7	3.7
51°	12.4	9.8	8.6	7.0	6.1	5.4	4.6	4.2	3.7	3.2	2.8
52°	10.2	8.2	7.0	5.8	5.0	4.6	3.7	3.2	2.8	2.8	2.8
53°	8.6	7.0	6.1	5.0	4.6	3.7	3.2	2.8	2.4	2.4	2.4
54°	7.0	5.8	5.0	4.2	3.7	3.2	2.8	2.4	2.4	2.0	2.0
55°	5.8	5.0	4.2	3.7	3.2	2.8	2.4	2.0	2.0	2.0	2.0
57.5°	3.7	3.2	2.8	2.4	2.0	2.0	1.7	1.7	1.7	1.7	1.7
60°	2.4	2.0	2.0	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
61°	2.0	2.0	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
62°	2.0	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
63°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
64°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
65°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
66°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7



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CATALOG NUMBER: LDA6A10950D010TE 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°	1.2	1.2	1.2	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
75°	1.2	1.2	1.2	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
77.5°	1.2	1.2	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
80°	1.2	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	2.0
82.5°	1.2	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	2.0
85°	1.2	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	2.0
87.5°	1.2	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
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: P1191987

CATALOG NUMBER: LDA6A10950D010TE LAR35FL 6LAL1 30° Tilt

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
0°	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
2.5°	77.8	76.5	74.4	73.2	61.8	55.5	49.8	49.4
5°	79.4	76.0	72.8	70.0	51.0	42.3	36.6	35.8
7.5°	77.8	72.8	68.2	65.0	42.7	33.4	28.4	27.6
10°	73.2	67.8	62.5	58.3	36.6	28.4	23.8	23.0
12.5°	67.4	61.8	56.4	51.8	31.6	25.6	21.8	21.0
15°	60.8	55.1	50.5	46.4	29.2	23.4	21.0	20.2
17.5°	54.7	49.4	45.2	41.6	27.1	22.6	21.4	21.8
20°	48.6	44.4	40.8	37.8	28.0	26.7	30.8	34.5
22.5°	44.8	42.0	39.8	37.8	43.2	66.6	150.5	178.5
25°	46.8	46.4	47.7	50.5	88.4	111.8	98.7	99.9
26°	49.4	50.1	52.2	55.1	75.6	70.3	64.6	69.2
27°	47.7	48.2	47.7	47.3	49.8	49.4	51.8	56.4
28°	39.8	39.0	38.2	37.0	37.8	42.0	47.7	51.4
29°	34.5	33.8	32.4	31.2	33.0	40.8	46.0	48.6
30°	31.2	30.0	28.8	28.0	33.0	40.4	44.0	45.2
31°	29.2	28.4	27.6	27.6	33.4	38.2	40.4	40.8
32°	29.2	28.4	28.0	28.0	30.8	34.2	35.4	35.8
33°	28.4	27.6	26.4	26.0	27.1	29.6	30.8	30.8
34°	25.1	24.2	23.4	22.2	23.4	25.6	26.7	26.4
35°	21.8	21.0	20.2	19.3	20.2	22.2	22.6	22.2
36°	18.9	18.0	17.3	16.4	17.3	18.9	19.3	18.9
37°	16.8	16.0	15.2	14.4	14.4	16.4	16.8	16.0
38°	15.2	14.0	13.2	12.8	12.8	14.4	14.4	13.6
39°	13.6	12.8	12.0	11.1	11.1	12.4	12.4	11.5
40°	12.0	11.1	10.2	9.8	9.8	10.6	10.6	9.8
42.5°	8.6	8.2	7.8	7.4	7.4	8.2	7.8	7.0
45°	6.6	6.1	5.8	5.8	5.8	6.1	5.4	5.0
47.5°	4.6	4.6	4.2	4.2	4.2	4.6	4.2	3.7
50°	3.2	3.2	2.8	2.8	3.2	3.2	2.8	2.0
51°	2.8	2.8	2.8	2.4	2.8	2.8	2.4	2.0
52°	2.4	2.4	2.4	2.4	2.4	2.4	2.0	1.7
53°	2.0	2.0	2.0	2.0	2.0	2.0	1.7	1.2
54°	2.0	2.0	2.0	2.0	2.0	2.0	1.2	1.2
55°	2.0	2.0	2.0	2.0	2.0	1.7	1.2	0.8
57.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.2	0.8
60°	1.7	1.7	1.7	1.7	1.7	1.7	0.8	0.4
61°	1.7	1.7	1.7	1.7	2.0	1.7	0.8	0.4
62°	1.7	1.7	1.7	1.7	2.0	1.7	0.8	0.4
63°	1.7	1.7	1.7	1.7	2.0	1.7	0.8	0.4
64°	1.7	1.7	1.7	2.0	2.0	1.7	0.8	0.4
65°	1.7	1.7	2.0	2.0	2.0	1.7	0.8	0.4
66°	1.7	2.0	2.0	2.0	2.0	1.7	0.8	0.4



TEST NUMBER: P1191987

CATALOG NUMBER: LDA6A10950D010TE LAR35FL 6LAL1 30° Tilt

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
72.5°	1.7	2.0	2.0	2.0	2.0	1.7	1.2	0.8
75°	1.7	2.0	2.0	2.0	2.0	1.7	1.2	0.8
77.5°	2.0	2.0	2.0	2.0	2.0	1.7	1.2	0.8
80°	2.0	2.0	2.0	2.0	2.0	1.7	1.2	0.8
82.5°	2.0	2.0	2.0	2.0	2.0	1.7	1.2	0.8
85°	2.0	2.0	2.0	2.0	2.0	1.7	1.2	0.8
87.5°	2.0	2.0	2.0	2.0	2.0	1.7	0.8	0.4
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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Peachtree City, GA 30269

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— 0°-180° - - 45°-225° - - - 90°-270°

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Scaled Data Report





67.5°	3.2	2.8	2.8	2.8	2.8	2.4	2.4	2.4	2.0	2.0	1.7
70°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.8

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67.5°	1.7	1.7	1.7	1.7	1.2	1.2	1.2	1.2	1.2	1.2	1.2
70°	0.8	0.8	0.8	0.8	0.8	0.8	1.2	1.2	1.2	1.2	1.2

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67.5°	1.2	1.2	1.2	1.2	1.7	1.7	1.7	1.7	1.7	1.7	1.7
70°	1.2	1.2	1.2	1.2	1.7	1.7	1.7	1.7	1.7	1.7	1.7

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67.5°	1.7	2.0	2.0	2.0	2.0	1.7	0.8	0.8
70°	1.7	1.7	2.0	2.0	2.0	1.7	1.2	0.8

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Peachtree City, GA 30269

Scaled Data Report



(END OF REPORT)