

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: P1192129

Luminaire Tested: **LDA6A30950D010TE LAR35FL 6LLWW1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-41-14
Report Number: P1192129
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P26296)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: io LED
Catalog Number: LDA6A30950D010TE LAR35FL 6LLWW1
Description: PORTFOLIO 6" Lensed Wall Wash, Self-flanged, 35° Flood Optic, at 30° tilt
Light Source: (1) HIGH LUMEN LED 90CRI / 5000K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

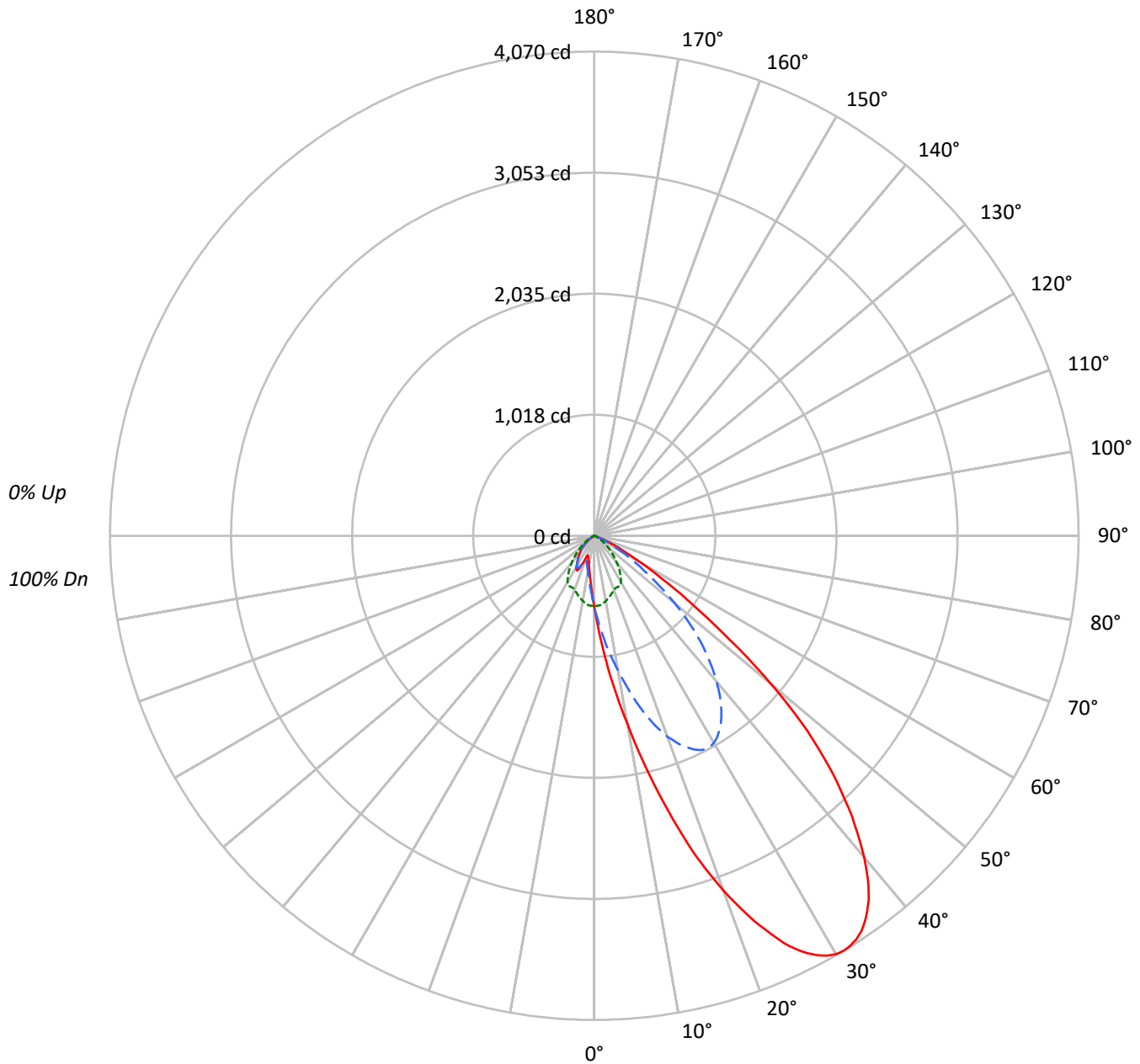
Lumens per Lamp: N/A
Luminaire Lumens: 2529.4 lumens
Efficiency: N/A
Efficacy: 63.6 lumens/watt
Spacing Criteria (0/90/45): 2.33 / 1.13 / 1.63
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1192129

CATALOG NUMBER: LDA6A30950D010TE LAR35FL 6LLWW1

Luminous Intensity Polar Plot



Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P1192129

CATALOG NUMBER: LDA6A30950D010TE LAR35FL 6LLWW1

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	108	105	102	109	106	103	100	102	99	97	98	96	94	94	93	92	90		
2	104	97	92	87	101	96	91	86	92	88	85	89	86	83	86	83	81	79		
3	96	88	81	76	94	86	80	75	83	78	74	81	76	72	78	74	71	69		
4	89	79	71	66	87	78	71	65	75	69	65	73	68	64	71	67	63	61		
5	82	71	63	58	80	70	63	57	68	62	57	66	61	56	65	60	56	54		
6	76	64	57	51	75	64	56	51	62	55	50	60	54	50	59	54	49	48		
7	71	59	51	45	69	58	50	45	56	50	45	55	49	44	54	48	44	42		
8	66	53	46	40	64	53	45	40	52	45	40	50	44	40	49	44	40	38		
9	61	49	41	36	60	48	41	36	47	41	36	46	40	36	45	40	36	34		
10	57	45	38	33	56	45	37	33	44	37	32	43	37	32	42	36	32	31		

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°
0°	32755	32755	32755
5°	55745	32187	20587
10°	89505	30956	14189
15°	135642	29557	10965
20°	185201	28189	10256
25°	228624	28623	18751
30°	257052	28365	18984
35°	265209	25203	15961
40°	252516	21018	13747
45°	220333	16738	11288
50°	166144	12639	7497
55°	95977	8745	3957
60°	49678	5504	1228
65°	21507	2439	649
70°	7245	1218	593
75°	2372	1059	784
80°	1578	1168	821
85°	755	2327	1635



TEST NUMBER: P1192129

CATALOG NUMBER: LDA6A30950D010TE LAR35FL 6LLWW1

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	64.1	2.5
10°-20°	258.0	10.2
20°-30°	549.6	21.7
30°-40°	713.5	28.2
40°-50°	598.4	23.7
50°-60°	275.9	10.9
60°-70°	59.5	2.4
70°-80°	7.7	0.3
80°-90°	2.7	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°	871.7	34.5
0°-40°	1585.1	62.7
0°-60°	2459.4	97.2
0°-90°	2529.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2529.4	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	598	598	598	598	598	
5°	1013	847	585	419	374	115
15°	2390	1499	521	241	193	702
25°	3780	1982	473	285	310	1734
35°	3963	1860	377	241	238	2447
45°	2842	1265	216	149	146	2156
55°	1004	517	92	54	41	954
65°	166	95	19	8	5	190
75°	11	8	5	5	4	17
85°	1	3	4	4	3	2
90°	0	0	0	0	0	

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P1192129

CATALOG NUMBER: LDA6A30950D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	597.5	597.5	597.5	597.5	597.5	597.5	597.5	597.5	597.5	597.5	597.5
2.5°	773.2	761.9	772.1	772.1	765.8	760.7	769.5	758.3	764.5	753.3	753.3
5°	1013.0	984.2	998.0	996.7	985.4	987.9	984.2	967.9	971.6	954.0	949.0
7.5°	1294.2	1264.1	1279.1	1275.4	1259.0	1257.9	1251.5	1225.2	1225.2	1198.8	1185.0
10°	1607.9	1585.5	1603.0	1595.5	1575.3	1566.7	1556.5	1520.2	1512.6	1472.5	1449.9
12.5°	1987.1	1975.8	1957.0	1944.5	1935.6	1921.8	1904.2	1856.6	1839.0	1785.0	1749.9
15°	2390.0	2385.0	2363.6	2366.2	2332.3	2292.2	2302.1	2223.1	2192.9	2122.7	2075.0
17.5°	2808.1	2792.9	2773.0	2745.3	2727.8	2680.0	2658.8	2584.6	2540.6	2452.7	2393.9
20°	3174.6	3168.4	3150.8	3115.5	3089.2	3035.2	3001.3	2916.1	2854.6	2751.6	2680.0
22.5°	3501.0	3491.0	3474.5	3431.9	3400.6	3336.5	3293.9	3195.9	3120.5	3003.9	2917.3
25°	3779.7	3760.8	3747.0	3695.5	3661.7	3586.4	3536.2	3426.9	3337.8	3208.4	3108.0
26°	3866.2	3850.0	3837.4	3783.4	3747.0	3668.0	3615.2	3501.0	3405.6	3273.7	3167.1
27°	3937.9	3924.0	3914.0	3857.6	3818.6	3737.0	3679.2	3563.8	3462.1	3326.5	3216.0
28°	3994.3	3981.7	3971.8	3912.7	3872.5	3788.5	3726.8	3608.9	3502.2	3362.9	3249.9
29°	4035.7	4023.1	4015.8	3952.9	3912.7	3826.2	3762.1	3640.3	3529.9	3388.0	3271.3
30°	4060.8	4048.2	4040.8	3975.5	3935.3	3847.4	3778.4	3656.5	3541.2	3398.0	3278.7
31°	4069.6	4055.8	4050.8	3984.3	3941.5	3851.2	3782.3	3656.5	3538.6	3394.2	3272.5
32°	4062.0	4049.6	4045.8	3978.1	3934.1	3842.4	3772.1	3645.3	3524.8	3379.2	3254.9
33°	4044.6	4032.0	4029.4	3960.3	3916.4	3822.3	3753.3	3624.1	3501.0	3354.1	3229.8
34°	4011.9	3999.3	3999.3	3929.0	3883.8	3789.7	3720.6	3591.4	3464.6	3319.0	3193.4
35°	3962.9	3957.9	3952.9	3881.4	3836.1	3742.0	3673.0	3542.4	3415.7	3271.3	3143.3
36°	3902.6	3898.9	3893.9	3822.3	3775.9	3681.7	3615.2	3484.7	3356.6	3213.6	3086.7
37°	3831.2	3828.6	3824.9	3753.3	3706.9	3613.9	3546.2	3418.1	3290.1	3148.3	3021.4
38°	3744.5	3744.5	3740.7	3669.1	3622.7	3531.0	3465.9	3337.8	3211.0	3071.6	2947.5
39°	3641.6	3644.1	3641.6	3570.0	3523.6	3433.2	3370.4	3246.3	3119.5	2983.8	2872.1
40°	3528.6	3532.4	3531.0	3460.9	3414.4	3326.5	3266.2	3144.5	3031.6	2887.0	2779.3
42.5°	3208.4	3214.7	3216.0	3149.5	3105.5	3024.0	2969.9	2858.2	2740.3	2619.8	2521.8
45°	2842.0	2853.2	2855.7	2795.5	2755.3	2681.2	2636.1	2535.6	2447.7	2323.6	2238.1
47.5°	2431.5	2447.7	2454.1	2398.9	2360.0	2295.9	2261.9	2176.6	2100.1	1988.4	1916.8
50°	1948.1	1967.0	1952.0	1929.3	1896.6	1846.5	1826.6	1757.3	1675.8	1604.3	1554.1
51°	1738.5	1758.6	1769.9	1726.0	1698.4	1653.2	1638.1	1579.1	1506.3	1444.9	1402.2
52°	1532.6	1554.1	1565.3	1526.4	1502.6	1464.9	1456.1	1404.6	1340.7	1289.2	1254.0
53°	1339.4	1359.5	1347.0	1338.2	1316.7	1285.3	1280.3	1237.7	1182.6	1139.7	1112.2
54°	1162.4	1180.0	1192.6	1163.7	1144.8	1118.5	1117.2	1082.1	1035.6	999.2	979.2
55°	1004.2	1020.6	1031.8	1008.0	991.7	969.0	969.0	940.2	901.3	871.2	856.0
57.5°	686.6	697.8	708.0	690.5	679.0	665.4	667.8	650.2	623.9	605.1	596.3
60°	453.1	462.0	468.2	457.0	450.7	441.9	444.4	433.1	424.3	404.2	400.5
61°	377.8	386.7	392.9	382.8	385.4	369.1	372.8	362.9	355.3	346.4	336.4
62°	312.5	320.0	325.0	316.4	318.8	305.0	308.8	301.2	294.9	286.2	278.7
63°	254.9	261.1	266.1	264.9	261.1	249.7	252.3	246.1	241.1	234.7	228.5
64°	207.1	212.1	215.9	215.9	212.1	202.1	204.7	198.4	195.8	189.6	184.6
65°	165.8	169.4	172.0	172.0	169.4	161.9	163.2	159.4	155.6	151.9	148.2
66°	130.5	134.4	136.8	136.8	134.4	128.1	129.4	125.5	123.1	119.3	116.7



TEST NUMBER: P1192129

CATALOG NUMBER: LDA6A30950D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
72.5°	21.4	22.6	22.6	22.6	22.6	21.4	21.4	21.4	20.1	20.1	18.8
75°	11.2	11.2	11.2	11.2	11.2	11.2	11.2	10.0	10.0	10.0	10.0
77.5°	7.6	7.6	7.6	7.6	7.6	6.2	6.2	6.2	6.2	6.2	6.2
80°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	3.7	3.7	3.7	3.7
82.5°	2.6	3.7	3.7	3.7	3.7	2.6	2.6	2.6	3.7	2.6	2.6
85°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P1192129

CATALOG NUMBER: LDA6A30950D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	597.5	597.5	597.5	597.5	597.5	597.5	597.5	597.5	597.5	597.5	597.5
2.5°	749.3	743.1	741.8	733.1	719.3	726.9	710.4	710.4	704.2	701.7	690.5
5°	937.7	925.1	917.7	900.0	886.3	881.2	854.9	847.4	832.2	821.0	800.9
7.5°	1166.2	1142.3	1124.8	1097.1	1070.7	1058.2	1018.1	999.2	974.2	951.5	920.1
10°	1418.5	1382.1	1353.2	1311.8	1271.5	1246.4	1191.2	1151.2	1119.8	1083.3	1039.4
12.5°	1703.4	1651.9	1607.9	1549.0	1492.5	1453.7	1379.5	1321.8	1275.4	1223.9	1164.8
15°	2008.4	1939.5	1879.2	1800.1	1714.6	1668.4	1575.3	1498.7	1436.0	1367.0	1289.2
17.5°	2304.7	2216.9	2136.5	2038.6	1936.9	1859.0	1757.3	1660.8	1579.1	1488.8	1399.6
20°	2569.6	2462.9	2363.6	2246.9	2130.1	2033.6	1913.1	1797.5	1698.4	1594.1	1488.8
22.5°	2790.5	2666.1	2549.5	2417.7	2284.7	2173.0	2034.9	1904.2	1789.9	1673.4	1552.8
25°	2964.9	2826.9	2696.4	2549.5	2403.9	2279.7	2126.5	1982.1	1856.6	1728.5	1598.0
26°	3020.2	2875.8	2740.3	2583.5	2438.9	2309.7	2152.8	2003.4	1874.2	1743.7	1609.3
27°	3062.9	2913.5	2773.0	2614.8	2465.3	2332.3	2170.4	2018.4	1884.2	1751.0	1614.3
28°	3091.7	2938.6	2792.9	2632.3	2480.5	2343.6	2179.2	2023.4	1886.7	1752.3	1612.9
29°	3110.5	2952.5	2803.1	2642.3	2486.7	2346.1	2179.2	2021.0	1883.0	1746.1	1605.6
30°	3114.3	2953.7	2801.8	2638.6	2480.5	2338.5	2169.1	2009.6	1869.2	1732.2	1590.5
31°	3108.0	2942.5	2787.9	2626.1	2466.6	2321.0	2151.6	1992.1	1852.8	1713.4	1570.3
32°	3089.2	2922.3	2766.7	2603.4	2442.8	2297.2	2127.7	1965.7	1826.6	1688.3	1545.2
33°	3064.0	2893.4	2736.4	2573.3	2413.8	2267.1	2097.7	1936.9	1797.5	1658.2	1516.4
34°	3029.0	2857.0	2698.8	2538.2	2377.4	2230.6	2061.2	1901.8	1762.5	1624.4	1483.8
35°	2981.4	2808.1	2651.2	2493.0	2332.3	2186.6	2018.4	1860.4	1723.5	1586.7	1447.4
36°	2926.0	2755.3	2597.1	2440.3	2280.9	2136.5	1971.9	1815.1	1679.6	1544.0	1407.2
37°	2864.6	2693.8	2538.2	2383.8	2226.8	2083.8	1921.8	1767.5	1634.4	1500.0	1365.8
38°	2792.9	2623.5	2470.3	2319.7	2165.4	2024.8	1866.6	1714.6	1584.1	1452.4	1320.6
39°	2710.1	2544.5	2393.9	2248.3	2097.7	1959.5	1805.1	1656.9	1529.0	1400.9	1271.5
40°	2621.1	2460.3	2313.5	2171.6	2024.8	1890.4	1739.8	1596.7	1472.5	1347.0	1221.4
42.5°	2377.4	2226.8	2091.3	1964.6	1828.9	1704.7	1569.0	1437.3	1321.8	1206.4	1090.9
45°	2110.2	1973.3	1851.6	1739.8	1616.9	1506.3	1384.7	1265.3	1161.2	1055.7	952.7
47.5°	1807.6	1687.2	1581.6	1487.5	1380.8	1284.1	1180.0	1077.0	985.4	893.7	803.4
50°	1467.3	1369.5	1286.7	1211.4	1126.0	1046.9	962.7	878.7	803.4	725.5	650.2
51°	1328.2	1240.2	1164.8	1100.9	1021.8	951.5	876.2	799.6	730.5	660.2	589.9
52°	1190.0	1113.5	1048.2	991.7	922.7	859.9	792.1	723.0	660.2	596.3	531.0
53°	1058.2	991.7	935.2	887.4	827.2	772.1	711.7	651.6	593.7	536.0	476.9
54°	933.9	877.4	829.7	789.6	736.8	687.9	636.4	582.5	531.0	476.9	423.1
55°	818.4	770.7	730.5	696.7	651.6	608.9	564.8	517.2	470.7	421.7	380.4
57.5°	573.7	542.3	515.8	494.6	464.4	443.1	405.5	372.8	343.9	301.2	269.9
60°	386.7	365.2	349.0	336.4	316.4	305.0	278.7	254.9	236.1	204.7	182.0
61°	325.0	307.5	293.7	283.7	267.4	257.3	234.7	215.9	198.4	172.0	151.9
62°	269.9	254.9	249.7	236.1	222.2	214.7	195.8	179.6	165.8	142.0	125.5
63°	220.9	208.4	204.7	193.2	182.0	177.0	160.8	148.2	135.6	115.5	103.0
64°	178.3	168.2	165.8	156.9	148.2	143.1	130.5	119.3	109.3	92.9	82.9
65°	142.0	138.1	131.8	125.5	117.9	114.3	104.1	95.4	86.5	74.0	66.5
66°	111.7	109.3	103.0	97.9	91.5	89.1	80.3	74.0	67.7	57.7	52.7



TEST NUMBER: P1192129

CATALOG NUMBER: LDA6A30950D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
72.5°	17.6	17.6	16.2	16.2	13.8	13.8	12.6	11.2	11.2	10.0	10.0
75°	8.8	8.8	8.8	8.8	7.6	7.6	7.6	7.6	6.2	6.2	6.2
77.5°	6.2	6.2	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
80°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
82.5°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
85°	1.2	1.2	1.2	1.2	1.2	2.6	2.6	2.6	2.6	2.6	2.6
87.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	2.6	2.6	2.6
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: P1192129

CATALOG NUMBER: LDA6A30950D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	597.5	597.5	597.5	597.5	597.5	597.5	597.5	597.5	597.5	597.5	597.5
2.5°	686.6	675.4	670.4	666.5	659.0	652.8	644.0	639.0	627.7	628.9	615.2
5°	788.3	768.2	755.7	741.8	726.9	713.0	695.4	682.9	664.0	657.8	636.4
7.5°	896.3	864.9	843.5	818.4	794.6	770.7	743.1	721.9	696.7	680.4	651.6
10°	1003.0	964.0	925.1	888.7	853.6	819.7	782.1	753.3	718.0	694.2	659.0
12.5°	1113.5	1055.7	1008.0	960.3	912.5	868.6	821.0	780.7	735.5	705.4	662.8
15°	1222.6	1149.8	1089.5	1028.0	969.0	912.5	854.9	805.9	753.3	714.3	664.0
17.5°	1318.0	1231.5	1157.4	1080.9	1013.0	946.5	877.4	821.0	760.7	715.5	660.2
20°	1392.0	1292.9	1207.6	1119.8	1041.9	965.3	890.0	827.2	760.7	710.4	650.2
22.5°	1443.5	1335.6	1240.2	1144.8	1058.2	976.6	893.7	827.2	756.9	703.0	642.7
25°	1478.8	1364.5	1261.5	1159.8	1068.3	981.6	896.3	826.0	754.3	700.4	637.7
26°	1486.2	1369.5	1265.3	1161.2	1068.3	980.4	893.7	823.4	751.9	697.8	635.1
27°	1488.8	1370.8	1264.1	1159.8	1065.7	976.6	890.0	819.7	746.9	692.8	631.4
28°	1485.0	1367.0	1259.0	1153.6	1059.4	969.0	882.4	812.1	739.3	686.6	623.9
29°	1476.2	1357.0	1249.0	1143.6	1049.5	957.7	871.2	802.2	729.2	676.6	615.2
30°	1461.1	1341.8	1233.9	1127.2	1033.0	942.8	856.0	787.1	715.5	662.8	601.3
31°	1441.1	1323.0	1215.0	1108.3	1014.2	925.1	838.6	770.7	699.2	647.7	586.2
32°	1416.1	1301.8	1191.2	1085.9	991.7	903.9	818.4	750.7	680.4	628.9	568.7
33°	1387.0	1275.4	1164.8	1060.7	969.0	881.2	795.9	729.2	661.5	610.1	551.1
34°	1355.6	1246.4	1136.0	1034.4	942.8	856.0	773.2	708.0	640.2	589.9	533.4
35°	1320.6	1213.9	1104.7	1003.0	915.1	829.7	748.1	684.2	617.6	568.7	513.4
36°	1282.9	1178.6	1070.7	975.3	885.0	800.9	723.0	659.0	593.7	546.0	492.0
37°	1244.0	1142.3	1036.9	943.9	854.9	773.2	696.7	634.0	571.1	524.7	472.0
38°	1201.4	1103.3	999.2	910.1	822.2	743.1	667.8	607.6	547.2	502.0	450.7
39°	1156.2	1056.8	960.3	873.7	788.3	711.7	639.0	581.3	520.8	478.2	428.1
40°	1109.7	1013.0	920.1	836.1	753.3	680.4	608.9	552.2	495.8	453.1	405.5
42.5°	989.1	901.3	814.7	739.3	661.5	595.1	529.7	478.2	426.7	389.1	346.4
45°	861.2	783.3	704.2	636.4	566.1	505.9	448.1	401.6	355.3	324.0	287.4
47.5°	730.5	655.2	586.2	526.0	469.6	411.7	362.9	322.6	285.0	259.9	233.5
50°	582.5	527.2	467.0	416.7	364.0	321.4	280.0	251.1	223.5	207.1	187.0
51°	527.2	475.8	420.5	374.1	325.0	286.2	251.1	225.9	202.1	188.2	170.8
52°	480.8	426.7	375.4	332.6	292.6	254.9	224.6	203.4	183.2	170.8	154.4
53°	424.3	381.7	333.9	294.9	258.5	225.9	200.8	182.0	164.4	154.4	140.6
54°	376.6	337.6	293.7	258.5	228.5	200.8	178.3	163.2	148.2	138.1	126.8
55°	331.3	301.2	256.0	225.9	200.8	177.0	159.4	145.6	131.8	124.3	112.9
57.5°	232.2	205.8	178.3	160.8	144.4	129.4	116.7	106.7	97.9	92.9	84.1
60°	154.4	138.1	121.8	110.3	100.4	91.5	82.9	75.3	69.1	66.5	60.2
61°	129.4	116.7	103.0	95.4	86.5	77.9	70.3	65.3	60.2	57.7	52.7
62°	110.3	97.9	86.5	80.3	72.7	66.5	60.2	55.2	51.5	48.9	45.2
63°	90.4	81.5	72.7	67.7	61.5	55.2	51.5	46.5	43.9	41.4	37.6
64°	74.0	66.5	60.2	55.2	51.5	45.2	42.6	38.9	35.0	35.0	31.4
65°	60.2	53.9	48.9	45.2	41.4	37.6	35.0	31.4	28.8	27.7	25.1
66°	47.6	42.6	38.9	36.4	32.7	30.1	27.7	25.1	22.6	22.6	20.1



TEST NUMBER: P1192129

CATALOG NUMBER: LDA6A30950D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
72.5°	8.8	8.8	8.8	7.6	7.6	7.6	7.6	6.2	6.2	6.2	6.2
75°	6.2	6.2	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
77.5°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
80°	3.7	3.7	3.7	3.7	3.7	3.7	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	2.6	2.6	2.6	2.6	3.7	3.7
87.5°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
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: P1192129

CATALOG NUMBER: LDA6A30950D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
0°	597.5	597.5	597.5	597.5	597.5	597.5	597.5	597.5
2.5°	611.3	608.9	593.7	588.7	537.3	493.4	475.8	464.4
5°	626.4	616.3	595.1	584.9	488.4	419.3	387.9	374.1
7.5°	635.1	617.6	588.7	573.7	440.5	357.8	318.8	305.0
10°	634.0	611.3	577.4	556.1	396.7	307.5	268.5	254.9
12.5°	632.7	603.7	564.8	538.6	360.3	271.1	230.9	218.4
15°	628.9	593.7	551.1	520.8	329.0	241.1	204.7	193.2
17.5°	618.9	581.3	533.4	500.9	302.5	218.4	187.0	175.8
20°	606.3	564.8	517.2	483.2	286.2	209.7	183.2	175.8
22.5°	596.3	553.6	505.9	473.2	291.2	236.1	234.7	239.7
25°	592.5	551.1	503.4	473.2	316.4	285.0	301.2	310.0
26°	589.9	549.8	503.4	473.2	324.0	297.5	312.5	322.6
27°	586.2	546.0	500.9	470.7	327.6	303.8	317.6	325.0
28°	579.9	539.7	494.6	467.0	327.6	303.8	315.0	321.4
29°	571.1	532.3	487.0	459.4	324.0	298.8	307.5	312.5
30°	558.6	519.7	475.8	448.1	315.0	291.2	296.2	299.9
31°	543.6	505.9	462.0	435.6	306.2	281.1	285.0	287.4
32°	527.2	489.5	446.9	421.7	294.9	269.9	272.4	273.7
33°	509.6	473.2	431.9	406.7	285.0	259.9	259.9	261.1
34°	492.0	455.7	418.1	391.7	274.9	251.1	248.6	249.7
35°	474.6	438.2	401.6	376.6	264.9	241.1	238.5	238.5
36°	454.4	419.3	384.1	360.3	254.9	233.5	228.5	228.5
37°	435.6	401.6	367.8	343.9	243.5	224.6	219.6	218.4
38°	415.5	382.8	350.2	327.6	233.5	215.9	210.9	209.7
39°	395.4	364.0	332.6	311.4	223.5	207.1	203.4	200.8
40°	374.1	343.9	315.0	293.7	213.4	197.1	194.6	192.1
42.5°	318.8	292.6	268.5	253.6	188.2	173.3	169.4	170.8
45°	264.9	244.7	225.9	215.9	163.2	149.3	145.6	145.6
47.5°	217.3	202.1	189.6	179.6	136.8	124.3	120.5	115.5
50°	175.8	164.4	154.4	148.2	112.9	100.4	92.9	87.9
51°	160.8	150.6	142.0	135.6	103.0	90.4	81.5	76.5
52°	145.6	136.8	129.4	124.3	92.9	80.3	71.6	66.5
53°	131.8	124.3	117.9	112.9	84.1	71.6	62.7	57.7
54°	119.3	111.7	106.7	101.7	75.3	62.7	52.7	48.9
55°	108.0	100.4	96.7	91.5	66.5	53.9	43.9	41.4
57.5°	80.3	75.3	72.7	69.1	48.9	35.0	26.4	22.6
60°	57.7	53.9	52.7	50.2	31.4	18.8	13.8	11.2
61°	50.2	47.6	45.2	42.6	25.1	15.1	11.2	10.0
62°	42.6	40.2	37.6	36.4	20.1	12.6	10.0	8.8
63°	35.0	33.9	31.4	30.1	16.2	10.0	8.8	7.6
64°	28.8	27.7	25.1	23.8	13.8	8.8	7.6	6.2
65°	23.8	22.6	20.1	18.8	11.2	7.6	6.2	5.0
66°	18.8	17.6	16.2	15.1	10.0	7.6	5.0	5.0



TEST NUMBER: P1192129

CATALOG NUMBER: LDA6A30950D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

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



Report Generated By 670245859 / DESKTOP-T8S5UU9

Classified

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report



Classified

Scaled Data Report

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



— 0°-180° - - 45°-225° - - - 90°-270°

Classified

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report



Classified

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report





67.5°	90.4	92.9	94.1	94.1	92.9	87.9	89.1	86.5	84.1	81.5	79.0
70°	45.2	46.5	47.6	47.6	46.5	43.9	45.2	43.9	42.6	41.4	38.9

Classified

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report





67.5°	76.5	74.0	70.3	66.5	61.5	60.2	53.9	48.9	45.2	38.9	36.4
70°	37.6	36.4	33.9	31.4	30.1	28.8	25.1	23.8	21.4	18.8	17.6

Classified

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report





67.5°	32.7	28.8	26.4	25.1	22.6	21.4	20.1	17.6	16.2	16.2	15.1
70°	16.2	15.1	13.8	13.8	12.6	11.2	11.2	10.0	10.0	10.0	8.8

Classified

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report



Classified
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



67.5°	13.8	13.8	12.6	11.2	7.6	6.2	5.0	5.0
70°	8.8	8.8	7.6	7.6	6.2	5.0	5.0	3.7

Classified

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report



(END OF REPORT)