

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: P1192150

Luminaire Tested: **LDA6A35935D010TE LAR35FL 6LLWW1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-41-14
Report Number: P1192150
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: LDA6A35935D010TE LAR35FL 6LLWW1
Description: PORTFOLIO 6" Lensed Wall Wash, Self-flanged, 35° Flood Optic, at 30° tilt
Light Source: (1) HIGH LUMEN LED 90CRI / 3500K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

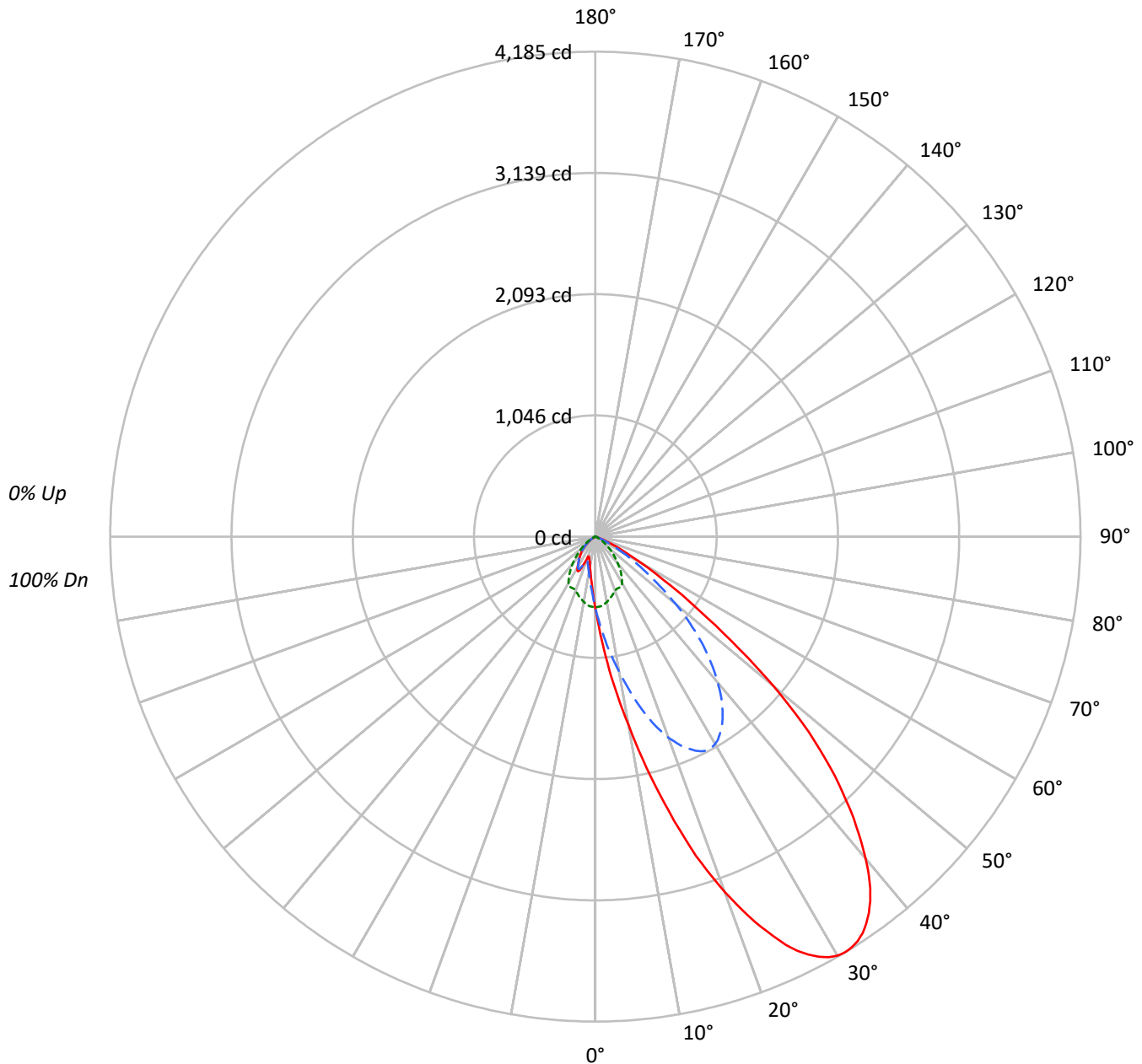
Lumens per Lamp: N/A
Luminaire Lumens: 2601.2 lumens
Efficiency: N/A
Efficacy: 54.5 lumens/watt
Spacing Criteria (0/90/45): 2.33 / 1.13 / 1.63
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 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



Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



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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	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°	33687	33687	33687
5°	57330	33095	21170
10°	92049	31830	14590
15°	139490	30397	11283
20°	190452	28988	10548
25°	235102	29445	19283
30°	264344	29175	19528
35°	272738	25906	16423
40°	259672	21619	14134
45°	226582	17203	11606
50°	170877	12997	7701
55°	98701	9003	4081
60°	51103	5646	1272
65°	22104	2529	675
70°	7437	1218	625
75°	2457	1101	826
80°	1642	1231	789
85°	755	2453	1572

Classified

Scaled Data Report

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	65.9	2.5
10°-20°	265.3	10.2
20°-30°	565.2	21.7
30°-40°	733.7	28.2
40°-50°	615.3	23.7
50°-60°	283.7	10.9
60°-70°	61.2	2.4
70°-80°	8.0	0.3
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°	896.4	34.5
0°-40°	1630.1	62.7
0°-60°	2529.2	97.2
0°-90°	2601.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2601.2	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	614	614	614	614	614	
5°	1042	872	601	431	385	118
15°	2458	1541	536	248	199	722
25°	3887	2038	487	293	319	1784
35°	4075	1913	387	248	245	2517
45°	2923	1301	222	154	150	2217
55°	1033	532	94	56	43	982
65°	170	98	20	8	5	196
75°	12	8	5	5	4	18
85°	1	2	4	4	2	2
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°	614.5	614.5	614.5	614.5	614.5	614.5	614.5	614.5	614.5	614.5	614.5
2.5°	795.3	783.7	793.8	793.8	787.4	782.2	791.3	779.7	786.1	774.5	774.5
5°	1041.8	1012.0	1026.3	1025.1	1013.2	1016.0	1012.0	995.2	999.2	981.2	976.0
7.5°	1330.9	1300.0	1315.3	1311.6	1294.8	1293.4	1287.0	1259.8	1259.8	1232.7	1218.7
10°	1653.6	1630.5	1648.5	1640.8	1620.1	1611.0	1600.6	1563.1	1555.5	1514.3	1490.9
12.5°	2043.5	2031.9	2012.4	1999.6	1990.5	1976.4	1958.2	1909.1	1891.1	1835.6	1799.4
15°	2457.8	2452.6	2430.6	2433.4	2398.3	2357.2	2367.5	2286.1	2255.1	2182.8	2133.8
17.5°	2887.6	2872.3	2851.6	2823.2	2805.0	2756.1	2734.2	2658.0	2612.6	2522.4	2461.7
20°	3264.6	3258.2	3240.2	3204.0	3176.8	3121.3	3086.6	2998.8	2935.4	2829.6	2756.1
22.5°	3600.2	3589.9	3573.1	3529.2	3496.9	3431.1	3387.2	3286.6	3209.1	3089.0	3000.0
25°	3886.8	3867.5	3853.2	3800.5	3765.4	3688.0	3636.5	3524.0	3432.5	3299.4	3196.3
26°	3976.0	3959.0	3946.2	3890.7	3853.2	3771.9	3717.9	3600.2	3502.1	3366.7	3257.0
27°	4049.5	4035.2	4024.9	3966.9	3927.0	3842.9	3783.7	3664.8	3560.3	3420.7	3307.3
28°	4107.5	4094.6	4084.3	4023.6	3982.4	3895.9	3832.5	3711.2	3601.5	3458.2	3342.0
29°	4150.1	4137.3	4129.4	4065.1	4023.6	3934.6	3868.8	3743.5	3630.1	3484.1	3364.0
30°	4176.0	4163.2	4155.3	4088.2	4046.8	3956.6	3885.5	3760.3	3641.7	3494.4	3371.9
31°	4185.1	4170.8	4165.7	4097.4	4053.5	3960.5	3889.5	3760.3	3638.9	3490.5	3365.2
32°	4177.2	4164.4	4160.5	4090.7	4045.6	3951.4	3879.1	3748.7	3624.9	3475.0	3347.2
33°	4159.2	4146.4	4143.7	4072.7	4027.6	3930.7	3859.6	3726.7	3600.2	3449.3	3321.3
34°	4125.7	4112.6	4112.6	4040.4	3994.0	3897.1	3826.1	3693.2	3562.7	3413.1	3284.1
35°	4075.4	4070.2	4065.1	3991.3	3945.0	3848.1	3777.0	3642.9	3512.4	3364.0	3232.3
36°	4013.3	4009.6	4004.4	3930.7	3883.1	3786.2	3717.9	3583.5	3451.8	3304.6	3174.4
37°	3939.8	3937.1	3933.4	3859.6	3812.0	3716.4	3646.8	3515.2	3383.5	3237.5	3107.0
38°	3850.8	3850.8	3846.8	3773.3	3725.5	3631.3	3564.2	3432.5	3302.1	3158.8	3031.1
39°	3744.7	3747.4	3744.7	3671.2	3623.4	3530.4	3466.1	3338.1	3207.9	3068.3	2953.4
40°	3628.6	3632.5	3631.3	3559.0	3511.2	3420.7	3358.8	3233.5	3117.4	2969.0	2858.0
42.5°	3299.4	3306.0	3307.3	3238.7	3193.6	3109.8	3054.3	2939.4	2818.0	2694.0	2593.4
45°	2922.6	2934.2	2936.7	2874.8	2833.6	2757.4	2710.8	2607.7	2517.2	2389.5	2301.7
47.5°	2500.4	2517.2	2523.6	2466.9	2426.9	2361.1	2326.1	2238.3	2159.6	2044.7	1971.2
50°	2003.6	2022.8	2007.2	1984.1	1950.5	1899.0	1878.3	1807.3	1723.4	1649.7	1598.2
51°	1787.8	1808.5	1820.1	1775.0	1746.6	1700.0	1684.7	1624.0	1549.1	1485.7	1441.8
52°	1576.2	1598.2	1609.7	1569.8	1545.1	1506.4	1497.3	1444.5	1378.7	1325.7	1289.7
53°	1377.5	1397.9	1385.1	1376.0	1354.0	1322.0	1316.8	1272.9	1215.9	1172.0	1143.7
54°	1195.5	1213.5	1226.3	1196.7	1177.2	1150.1	1148.9	1112.6	1065.0	1027.5	1006.8
55°	1032.7	1049.5	1061.1	1036.7	1019.9	996.5	996.5	966.9	926.9	895.9	880.3
57.5°	706.0	717.8	727.9	709.9	698.3	684.0	686.8	668.8	641.6	622.1	613.3
60°	466.1	474.9	481.6	470.0	463.3	454.5	456.9	445.3	436.2	415.8	411.8
61°	388.6	397.5	404.2	393.8	396.3	379.5	383.4	373.1	365.2	356.3	346.0
62°	321.3	329.2	334.4	325.3	328.0	313.7	317.6	309.7	303.3	294.4	286.5
63°	262.1	268.5	273.7	272.5	268.5	256.9	259.4	253.0	247.8	241.4	235.0
64°	213.1	218.2	221.9	221.9	218.2	207.9	210.3	203.9	201.5	194.8	189.9
65°	170.4	174.3	176.8	176.8	174.3	166.4	167.9	164.0	160.0	156.1	152.4
66°	134.1	138.1	140.8	140.8	138.1	131.7	132.9	129.0	126.5	122.6	120.1



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CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
72.5°	21.9	23.2	23.2	23.2	23.2	21.9	21.9	21.9	20.7	20.7	19.5
75°	11.6	11.6	11.6	11.6	11.6	11.6	11.6	10.4	10.4	10.4	10.4
77.5°	7.6	7.6	7.6	7.6	7.6	6.4	6.4	6.4	6.4	6.4	6.4
80°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	3.9	3.9	3.9	3.9
82.5°	2.5	3.9	3.9	3.9	3.9	2.5	2.5	2.5	3.9	2.5	2.5
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

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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°	614.5	614.5	614.5	614.5	614.5	614.5	614.5	614.5	614.5	614.5	614.5
2.5°	770.6	764.2	763.0	753.8	739.8	747.4	730.6	730.6	724.2	721.5	709.9
5°	964.2	951.3	943.7	925.5	911.4	906.2	879.1	871.5	855.9	844.3	823.6
7.5°	1199.2	1174.8	1156.5	1128.2	1101.0	1088.2	1047.0	1027.5	1001.7	978.5	946.2
10°	1458.6	1421.4	1391.5	1348.9	1307.7	1281.8	1225.1	1183.6	1151.6	1114.1	1069.0
12.5°	1751.8	1698.8	1653.6	1593.0	1534.8	1494.8	1418.6	1359.2	1311.6	1258.6	1197.9
15°	2065.4	1994.4	1932.5	1851.2	1763.4	1715.5	1620.1	1541.2	1476.8	1405.8	1325.7
17.5°	2370.0	2279.7	2197.1	2096.3	1991.7	1911.8	1807.3	1707.9	1624.0	1531.1	1439.4
20°	2642.5	2532.7	2430.6	2310.6	2190.7	2091.3	1967.3	1848.4	1746.6	1639.3	1531.1
22.5°	2869.6	2741.8	2621.8	2486.1	2349.5	2234.6	2092.6	1958.2	1840.8	1720.7	1596.9
25°	3049.1	2907.1	2772.9	2621.8	2472.1	2344.3	2186.8	2038.3	1909.1	1777.4	1643.3
26°	3105.8	2957.4	2818.0	2656.5	2508.1	2375.2	2213.9	2060.3	1927.4	1793.0	1654.9
27°	3149.7	2996.1	2851.6	2688.8	2535.2	2398.3	2231.9	2075.8	1937.7	1800.9	1660.0
28°	3179.5	3022.0	2872.3	2707.1	2550.7	2410.2	2241.0	2081.0	1940.2	1802.1	1658.8
29°	3198.8	3036.0	2882.6	2717.2	2557.1	2412.6	2241.0	2078.3	1936.2	1795.7	1650.9
30°	3202.7	3037.5	2881.2	2713.5	2550.7	2405.0	2230.7	2066.7	1922.2	1781.4	1635.6
31°	3196.3	3025.9	2867.1	2700.4	2536.7	2386.8	2212.7	2048.7	1905.4	1762.1	1614.9
32°	3176.8	3005.2	2845.2	2677.2	2512.0	2362.3	2188.0	2021.6	1878.3	1736.2	1589.0
33°	3150.9	2975.4	2814.1	2646.4	2482.4	2331.3	2157.2	1991.7	1848.4	1705.2	1559.4
34°	3114.9	2938.1	2775.4	2610.2	2444.9	2293.8	2119.7	1955.7	1812.4	1670.4	1525.9
35°	3065.9	2887.6	2726.3	2563.8	2398.3	2248.7	2075.8	1913.1	1772.5	1631.7	1488.4
36°	3009.1	2833.6	2670.8	2509.6	2345.6	2197.1	2028.0	1866.7	1727.1	1587.8	1447.0
37°	2945.8	2770.2	2610.2	2451.4	2290.1	2142.9	1976.4	1817.6	1680.8	1542.7	1404.6
38°	2872.3	2698.0	2540.4	2385.5	2226.7	2082.2	1919.5	1763.4	1629.0	1493.6	1358.0
39°	2787.0	2616.6	2461.7	2312.0	2157.2	2015.1	1856.3	1703.9	1572.3	1440.6	1307.7
40°	2695.2	2530.0	2379.1	2233.1	2082.2	1944.1	1789.3	1642.0	1514.3	1385.1	1256.1
42.5°	2444.9	2290.1	2150.5	2020.3	1880.7	1753.0	1613.7	1478.1	1359.2	1240.6	1121.7
45°	2170.0	2029.2	1903.9	1789.3	1662.8	1549.1	1423.8	1301.3	1194.0	1085.7	979.7
47.5°	1858.8	1735.0	1626.5	1529.6	1419.9	1320.5	1213.5	1107.7	1013.2	919.0	826.1
50°	1509.1	1408.3	1323.2	1245.8	1158.0	1076.6	990.1	903.5	826.1	746.2	668.8
51°	1365.9	1275.4	1197.9	1132.1	1050.7	978.5	901.0	822.4	751.4	679.1	606.6
52°	1223.8	1144.9	1077.8	1019.9	948.9	884.3	814.5	743.5	679.1	613.3	546.0
53°	1088.2	1019.9	961.7	912.6	850.7	793.8	731.9	670.0	610.6	551.1	490.5
54°	960.5	902.3	853.2	812.0	757.8	707.5	654.5	599.0	546.0	490.5	435.0
55°	841.6	792.5	751.4	716.3	670.0	626.1	581.0	531.9	484.1	433.8	391.1
57.5°	589.8	557.5	530.7	508.7	477.6	455.7	417.0	383.4	353.6	309.7	277.7
60°	397.5	375.6	358.8	346.0	325.3	313.7	286.5	262.1	242.6	210.3	187.2
61°	334.4	316.4	302.1	291.7	274.9	264.6	241.4	221.9	203.9	176.8	156.1
62°	277.7	262.1	256.9	242.6	228.6	220.7	201.5	184.7	170.4	146.0	129.0
63°	227.1	214.3	210.3	198.8	187.2	182.0	165.2	152.4	139.3	118.9	105.8
64°	183.2	172.9	170.4	161.3	152.4	147.2	134.1	122.6	112.2	95.4	85.3
65°	146.0	142.0	135.6	129.0	121.3	117.4	107.0	98.1	89.0	76.2	68.3
66°	114.9	112.2	105.8	100.6	94.2	91.7	82.6	76.2	69.8	59.4	54.2

Classified

Scaled Data Report

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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°	18.0	18.0	16.8	16.8	14.3	14.3	12.8	11.6	11.6	10.4	10.4
75°	9.1	9.1	9.1	9.1	7.6	7.6	7.6	7.6	6.4	6.4	6.4
77.5°	6.4	6.4	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
80°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
82.5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
85°	1.2	1.2	1.2	1.2	1.2	2.5	2.5	2.5	2.5	2.5	2.5
87.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	2.5	2.5	2.5
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: P1192150

CATALOG NUMBER: LDA6A35935D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	614.5	614.5	614.5	614.5	614.5	614.5	614.5	614.5	614.5	614.5	614.5
2.5°	706.0	694.4	689.2	685.5	677.6	671.2	662.3	657.2	645.3	646.8	632.5
5°	810.8	790.1	777.0	763.0	747.4	733.1	715.1	702.3	682.8	676.4	654.5
7.5°	921.8	889.5	867.5	841.6	817.2	792.5	764.2	742.2	716.3	699.6	670.0
10°	1031.5	991.3	951.3	913.9	877.9	842.8	804.1	774.5	738.3	713.9	677.6
12.5°	1144.9	1085.7	1036.7	987.6	938.5	893.4	844.3	802.9	756.5	725.5	681.6
15°	1257.4	1182.4	1120.5	1057.1	996.5	938.5	879.1	828.8	774.5	734.6	682.8
17.5°	1355.5	1266.2	1190.3	1111.4	1041.8	973.3	902.3	844.3	782.2	735.8	679.1
20°	1431.7	1329.6	1241.8	1151.6	1071.4	992.8	915.3	850.7	782.2	730.6	668.8
22.5°	1484.5	1373.5	1275.4	1177.2	1088.2	1004.4	919.0	850.7	778.5	723.0	660.9
25°	1520.7	1403.1	1297.3	1192.8	1098.6	1009.5	921.8	849.5	775.8	720.3	655.7
26°	1528.4	1408.3	1301.3	1194.0	1098.6	1008.1	919.0	846.8	773.3	717.8	653.2
27°	1531.1	1409.8	1300.0	1192.8	1095.8	1004.4	915.3	842.8	768.1	712.6	649.3
28°	1527.1	1405.8	1294.8	1186.3	1089.4	996.5	907.5	835.2	760.2	706.0	641.6
29°	1518.0	1395.5	1284.5	1176.0	1079.1	984.9	895.9	824.8	749.9	695.9	632.5
30°	1502.5	1379.9	1269.0	1159.2	1062.3	969.3	880.3	809.3	735.8	681.6	618.4
31°	1482.0	1360.7	1249.5	1139.7	1043.1	951.3	862.3	792.5	719.1	666.0	602.9
32°	1456.1	1338.7	1225.1	1116.6	1019.9	929.4	841.6	771.8	699.6	646.8	584.7
33°	1426.5	1311.6	1197.9	1090.7	996.5	906.2	818.4	749.9	680.3	627.3	566.7
34°	1394.2	1281.8	1168.3	1063.8	969.3	880.3	795.3	727.9	658.4	606.6	548.7
35°	1358.0	1248.2	1136.0	1031.5	941.0	853.2	769.4	703.5	635.2	584.7	528.0
36°	1319.3	1212.2	1101.0	1003.1	910.2	823.6	743.5	677.6	610.6	561.5	506.0
37°	1279.3	1174.8	1066.3	970.8	879.1	795.3	716.3	652.0	587.4	539.5	485.3
38°	1235.4	1134.6	1027.5	935.8	845.6	764.2	686.8	624.9	562.7	516.4	463.3
39°	1188.8	1087.0	987.6	898.3	810.8	731.9	657.2	597.7	535.6	491.7	440.2
40°	1141.2	1041.8	946.2	859.6	774.5	699.6	626.1	567.9	510.0	466.1	417.0
42.5°	1017.2	926.9	837.7	760.2	680.3	611.8	544.7	491.7	438.9	400.2	356.3
45°	885.5	805.6	724.2	654.5	582.2	520.3	460.9	413.0	365.2	333.1	295.7
47.5°	751.4	673.9	602.9	540.8	482.8	423.4	373.1	331.7	293.0	267.3	240.2
50°	599.0	542.3	480.1	428.6	374.3	330.4	287.8	258.2	229.8	213.1	192.3
51°	542.3	489.2	432.5	384.7	334.4	294.4	258.2	232.3	207.9	193.6	175.6
52°	494.4	438.9	385.9	342.0	300.8	262.1	231.1	209.1	188.4	175.6	158.8
53°	436.2	392.3	343.3	303.3	265.8	232.3	206.6	187.2	169.2	158.8	144.5
54°	387.1	347.2	302.1	265.8	235.0	206.6	183.2	167.9	152.4	142.0	130.4
55°	340.8	309.7	263.4	232.3	206.6	182.0	164.0	149.7	135.6	127.7	116.1
57.5°	238.7	211.8	183.2	165.2	148.4	132.9	120.1	109.7	100.6	95.4	86.6
60°	158.8	142.0	125.3	113.7	103.3	94.2	85.3	77.4	71.0	68.3	61.9
61°	132.9	120.1	105.8	98.1	89.0	80.1	72.3	67.1	61.9	59.4	54.2
62°	113.7	100.6	89.0	82.6	75.0	68.3	61.9	56.7	53.0	50.3	46.4
63°	93.0	83.8	75.0	69.8	63.4	56.7	53.0	47.8	45.1	42.7	38.7
64°	76.2	68.3	61.9	56.7	53.0	46.4	43.9	39.9	36.2	36.2	32.3
65°	61.9	55.5	50.3	46.4	42.7	38.7	36.2	32.3	29.6	28.4	25.9
66°	49.1	43.9	39.9	37.5	33.5	31.1	28.4	25.9	23.2	23.2	20.7



TEST NUMBER: P1192150

CATALOG NUMBER: LDA6A35935D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
72.5°	9.1	9.1	9.1	7.6	7.6	7.6	7.6	6.4	6.4	6.4	6.4
75°	6.4	6.4	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
77.5°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
80°	3.9	3.9	3.9	3.9	3.9	3.9	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	2.5	2.5	2.5	2.5	3.9	3.9
87.5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
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: P1192150

CATALOG NUMBER: LDA6A35935D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
0°	614.5	614.5	614.5	614.5	614.5	614.5	614.5	614.5
2.5°	628.6	626.1	610.6	605.4	552.6	507.2	489.2	477.6
5°	644.1	633.7	611.8	601.4	502.1	431.0	399.0	384.7
7.5°	653.2	635.2	605.4	589.8	453.0	367.9	328.0	313.7
10°	652.0	628.6	593.8	571.8	407.9	316.4	276.2	262.1
12.5°	650.5	620.9	581.0	553.8	370.4	278.9	237.5	224.6
15°	646.8	610.6	566.7	535.6	338.3	247.8	210.3	198.8
17.5°	636.5	597.7	548.7	515.1	311.2	224.6	192.3	180.8
20°	623.4	581.0	531.9	496.9	294.4	215.5	188.4	180.8
22.5°	613.3	569.4	520.3	486.8	299.4	242.6	241.4	246.6
25°	609.3	566.7	517.6	486.8	325.3	293.0	309.7	318.8
26°	606.6	565.4	517.6	486.8	333.1	306.0	321.3	331.7
27°	602.9	561.5	515.1	484.1	336.8	312.4	326.5	334.4
28°	596.5	555.1	508.7	480.1	336.8	312.4	324.0	330.4
29°	587.4	547.4	500.8	472.5	333.1	307.3	316.4	321.3
30°	574.6	534.4	489.2	460.9	324.0	299.4	304.5	308.5
31°	559.0	520.3	474.9	448.1	314.9	289.3	293.0	295.7
32°	542.3	503.5	459.6	433.8	303.3	277.7	280.1	281.4
33°	524.0	486.8	444.1	418.2	293.0	267.3	267.3	268.5
34°	506.0	468.5	429.8	402.7	282.6	258.2	255.7	256.9
35°	488.0	450.5	413.0	387.1	272.5	247.8	245.4	245.4
36°	467.3	431.0	395.0	370.4	262.1	240.2	235.0	235.0
37°	448.1	413.0	378.3	353.6	250.5	231.1	225.9	224.6
38°	427.3	393.8	360.3	336.8	240.2	221.9	216.8	215.5
39°	406.6	374.3	342.0	320.1	229.8	213.1	209.1	206.6
40°	384.7	353.6	324.0	302.1	219.5	202.7	200.0	197.5
42.5°	328.0	300.8	276.2	260.6	193.6	178.0	174.3	175.6
45°	272.5	251.8	232.3	221.9	167.9	153.6	149.7	149.7
47.5°	223.4	207.9	194.8	184.7	140.8	127.7	124.0	118.9
50°	180.8	169.2	158.8	152.4	116.1	103.3	95.4	90.3
51°	165.2	154.9	146.0	139.3	105.8	93.0	83.8	78.7
52°	149.7	140.8	132.9	127.7	95.4	82.6	73.5	68.3
53°	135.6	127.7	121.3	116.1	86.6	73.5	64.6	59.4
54°	122.6	114.9	109.7	104.6	77.4	64.6	54.2	50.3
55°	111.0	103.3	99.4	94.2	68.3	55.5	45.1	42.7
57.5°	82.6	77.4	75.0	71.0	50.3	36.2	27.1	23.2
60°	59.4	55.5	54.2	51.5	32.3	19.5	14.3	11.6
61°	51.5	49.1	46.4	43.9	25.9	15.5	11.6	10.4
62°	43.9	41.4	38.7	37.5	20.7	12.8	10.4	9.1
63°	36.2	34.8	32.3	31.1	16.8	10.4	9.1	7.6
64°	29.6	28.4	25.9	24.4	14.3	9.1	7.6	6.4
65°	24.4	23.2	20.7	19.5	11.6	7.6	6.4	5.2
66°	19.5	18.0	16.8	15.5	10.4	7.6	5.2	5.2



TEST NUMBER: P1192150

CATALOG NUMBER: LDA6A35935D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

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



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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

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Peachtree City, GA 30269

Scaled Data Report



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Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report





67.5°	93.0	95.4	96.9	96.9	95.4	90.3	91.7	89.0	86.6	83.8	81.4
70°	46.4	47.8	49.1	49.1	47.8	45.1	46.4	45.1	43.9	42.7	39.9

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67.5°	78.7	76.2	72.3	68.3	63.4	61.9	55.5	50.3	46.4	39.9	37.5
70°	38.7	37.5	34.8	32.3	31.1	29.6	25.9	24.4	21.9	19.5	18.0

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Scaled Data Report





67.5°	33.5	29.6	27.1	25.9	23.2	21.9	20.7	18.0	16.8	16.8	15.5
70°	16.8	15.5	14.3	14.3	12.8	11.6	11.6	10.4	10.4	10.4	9.1

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Scaled Data Report



67.5°	14.3	14.3	12.8	11.6	7.6	6.4	5.2	5.2
70°	9.1	9.1	7.6	7.6	6.4	5.2	5.2	3.9

Classified

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report



(END OF REPORT)