

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: P1192164

Luminaire Tested: **LDA6A35950D010TE LAR35FL 6LLWW1**

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: P1192164
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: LDA6A35950D010TE 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

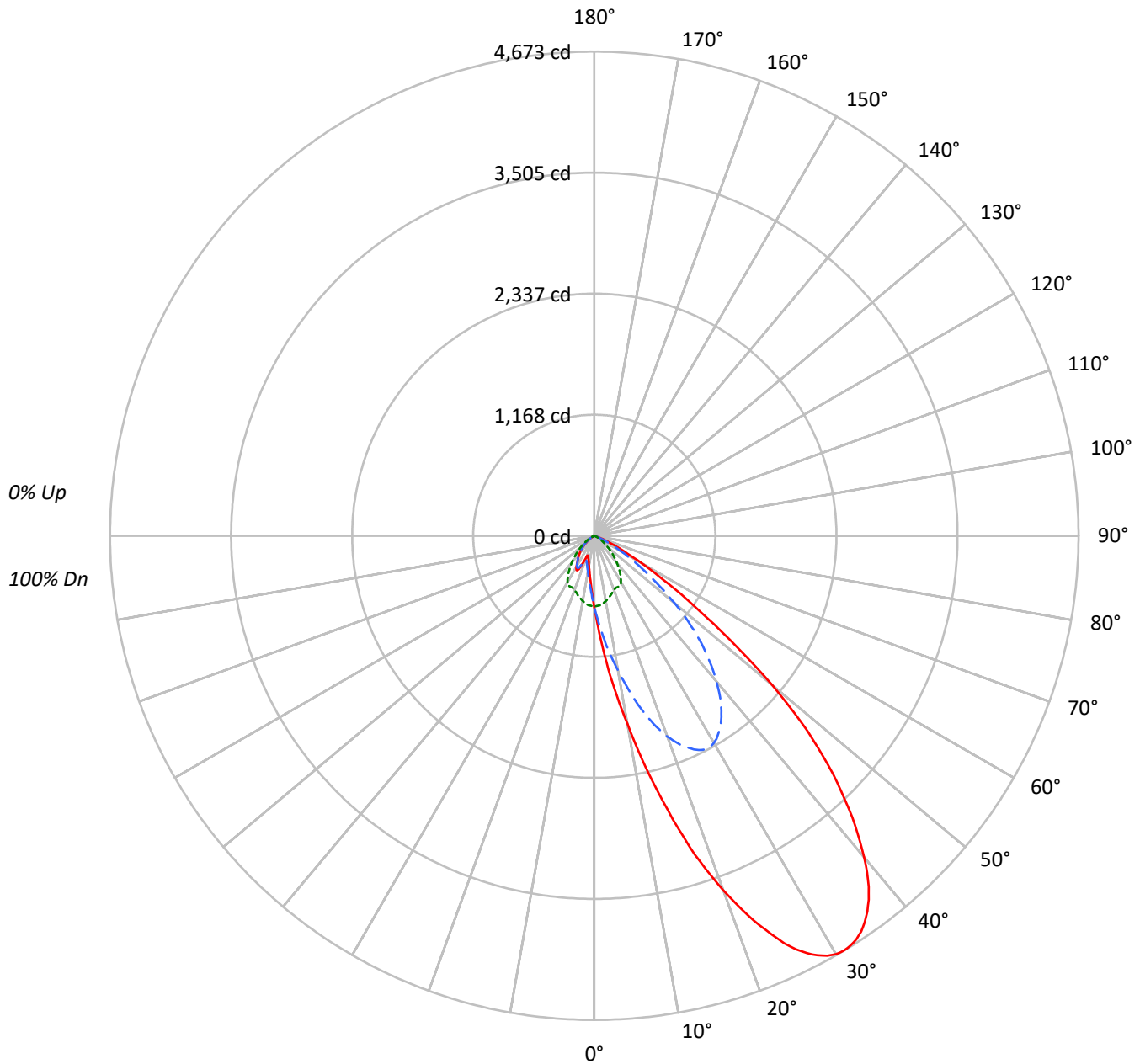
Lumens per Lamp: N/A
Luminaire Lumens: 2904.7 lumens
Efficiency: N/A
Efficacy: 60.9 lumens/watt
Spacing Criteria (0/90/45): 2.33 / 1.13 / 1.63
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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



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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°	37607	37607	37607
5°	64010	36958	23635
10°	102787	35548	16293
15°	155767	33956	12599
20°	212673	32372	11779
25°	262527	32869	21534
30°	295185	32581	21801
35°	304554	28938	18330
40°	289965	24138	15787
45°	253003	19227	12963
50°	190783	14498	8597
55°	110228	10045	4530
60°	57046	6326	1436
65°	24685	2789	726
70°	8303	1394	705
75°	2775	1186	932
80°	1768	1389	884
85°	1006	2768	1761



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	73.6	2.5
10°-20°	296.2	10.2
20°-30°	631.1	21.7
30°-40°	819.3	28.2
40°-50°	687.1	23.7
50°-60°	316.8	10.9
60°-70°	68.4	2.4
70°-80°	8.9	0.3
80°-90°	3.2	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°	1001.0	34.5
0°-40°	1820.3	62.7
0°-60°	2824.2	97.2
0°-90°	2904.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2904.7	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	686	686	686	686	686	
5°	1163	973	672	481	430	132
15°	2745	1721	598	277	222	806
25°	4340	2276	543	327	356	1992
35°	4551	2136	432	277	274	2810
45°	3263	1453	248	172	167	2476
55°	1153	594	105	62	47	1096
65°	190	110	22	9	6	219
75°	13	9	6	6	4	20
85°	2	3	4	4	3	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°	686.0	686.0	686.0	686.0	686.0	686.0	686.0	686.0	686.0	686.0	686.0
2.5°	887.8	875.1	886.6	886.6	879.4	873.5	883.8	870.7	877.9	864.8	864.8
5°	1163.2	1130.2	1145.9	1144.5	1131.5	1134.5	1130.2	1111.4	1115.6	1095.5	1089.7
7.5°	1486.2	1451.5	1469.0	1464.6	1445.9	1444.4	1437.2	1406.9	1406.9	1376.6	1360.7
10°	1846.5	1820.5	1840.8	1832.1	1809.1	1799.0	1787.4	1745.6	1737.0	1690.8	1664.9
12.5°	2282.0	2268.9	2247.3	2233.0	2222.7	2206.8	2186.8	2131.9	2111.6	2049.8	2009.3
15°	2744.6	2738.6	2714.3	2717.1	2678.1	2632.0	2643.6	2552.8	2518.2	2437.6	2382.7
17.5°	3224.6	3207.3	3184.2	3152.6	3132.4	3077.5	3053.1	2968.0	2917.4	2816.6	2748.9
20°	3645.5	3638.3	3618.1	3577.8	3547.5	3485.5	3446.5	3348.5	3278.0	3159.7	3077.5
22.5°	4020.2	4008.7	3990.0	3941.0	3905.0	3831.5	3782.5	3669.8	3583.4	3449.3	3350.0
25°	4340.2	4318.7	4302.8	4243.5	4204.8	4118.2	4060.7	3935.3	3832.9	3684.5	3569.1
26°	4439.8	4421.0	4406.7	4344.6	4302.8	4212.0	4151.5	4020.2	3910.7	3759.4	3636.8
27°	4521.8	4505.9	4494.4	4429.8	4384.8	4291.2	4224.8	4092.3	3975.6	3819.9	3692.9
28°	4586.7	4572.4	4560.8	4493.1	4446.9	4350.2	4279.7	4144.3	4021.7	3861.7	3731.9
29°	4634.3	4619.8	4611.4	4539.3	4493.1	4393.6	4320.0	4180.2	4053.3	3890.4	3756.6
30°	4663.2	4648.8	4640.1	4565.2	4519.0	4418.2	4338.7	4198.9	4066.3	3902.0	3765.0
31°	4673.1	4657.4	4651.6	4575.2	4526.2	4422.3	4343.0	4198.9	4063.5	3897.6	3757.8
32°	4664.6	4650.0	4645.9	4568.0	4517.4	4412.3	4331.5	4186.1	4047.6	3880.4	3737.9
33°	4644.4	4630.1	4627.2	4547.7	4497.5	4389.2	4310.0	4161.5	4020.2	3851.6	3708.8
34°	4607.0	4592.6	4592.6	4511.8	4460.0	4351.8	4272.5	4124.0	3978.4	3811.2	3667.0
35°	4550.8	4544.9	4539.3	4456.9	4405.1	4296.9	4217.6	4067.9	3922.3	3756.6	3609.3
36°	4481.6	4477.2	4471.6	4389.2	4335.9	4227.9	4151.5	4001.5	3854.6	3690.1	3544.4
37°	4399.2	4396.4	4392.0	4310.0	4256.6	4149.9	4072.2	3925.1	3778.1	3615.2	3469.5
38°	4300.0	4300.0	4295.6	4213.2	4160.0	4054.8	3979.9	3832.9	3687.3	3527.3	3384.5
39°	4181.7	4184.5	4181.7	4099.5	4046.1	3942.4	3870.5	3727.6	3582.2	3426.3	3298.0
40°	4051.9	4056.3	4054.8	3974.0	3920.7	3819.9	3750.7	3610.9	3481.1	3315.4	3191.3
42.5°	3684.5	3691.7	3692.9	3616.5	3566.3	3472.4	3410.6	3282.1	3146.7	3008.2	2895.9
45°	3263.4	3276.4	3279.3	3210.1	3164.1	3079.0	3027.2	2911.8	2810.7	2668.1	2570.2
47.5°	2792.0	2810.7	2818.2	2754.5	2709.9	2636.4	2597.6	2499.4	2411.4	2283.2	2201.2
50°	2237.0	2258.9	2241.4	2215.5	2178.1	2120.4	2097.3	2018.0	1924.4	1842.2	1784.4
51°	1996.5	2019.6	2032.4	1982.1	1950.3	1898.5	1881.0	1813.3	1729.8	1659.0	1610.0
52°	1760.1	1784.4	1797.5	1752.8	1725.5	1682.1	1672.1	1613.1	1539.5	1480.2	1440.0
53°	1538.0	1561.0	1546.7	1536.7	1512.1	1476.2	1470.2	1421.3	1357.9	1308.9	1277.1
54°	1334.8	1354.8	1369.5	1336.1	1314.6	1284.3	1282.7	1242.5	1189.1	1147.3	1124.3
55°	1153.3	1172.0	1184.8	1157.4	1138.7	1112.8	1112.8	1079.6	1035.0	1000.5	983.0
57.5°	788.6	801.4	813.0	792.7	779.9	764.0	766.8	746.8	716.6	694.7	684.7
60°	520.3	530.4	537.8	524.7	517.5	507.3	510.3	497.2	487.2	464.2	459.8
61°	433.9	443.9	451.2	439.6	442.6	423.7	428.1	416.5	408.0	397.8	386.3
62°	359.0	367.5	373.4	363.2	366.2	350.3	354.6	346.0	338.7	328.7	320.0
63°	292.7	299.8	305.7	304.2	299.8	286.9	289.7	282.6	276.7	269.6	262.4
64°	237.7	243.7	248.0	248.0	243.7	232.1	234.9	227.8	225.0	217.8	211.8
65°	190.3	194.7	197.5	197.5	194.7	186.0	187.5	183.1	178.8	174.4	170.0
66°	150.1	154.1	157.2	157.2	154.1	147.0	148.5	144.1	141.3	137.0	134.2

Classified

Scaled Data Report

Cooper Lighting Solutions Photometric Lab

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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°	24.6	25.9	25.9	25.9	25.9	24.6	24.6	24.6	23.1	23.1	21.5
75°	13.1	13.1	13.1	13.1	13.1	13.1	13.1	11.5	11.5	11.5	11.5
77.5°	8.7	8.7	8.7	8.7	8.7	7.2	7.2	7.2	7.2	7.2	7.2
80°	5.6	5.6	5.6	5.6	5.6	5.6	5.6	4.4	4.4	4.4	4.4
82.5°	2.8	4.4	4.4	4.4	4.4	2.8	2.8	2.8	4.4	2.8	2.8
85°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	1.6	1.6
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°	686.0	686.0	686.0	686.0	686.0	686.0	686.0	686.0	686.0	686.0	686.0
2.5°	860.7	853.2	852.0	842.0	826.1	834.5	815.8	815.8	808.6	805.8	792.7
5°	1076.8	1062.3	1053.7	1033.6	1017.6	1011.9	981.8	973.0	955.8	942.8	919.7
7.5°	1339.2	1311.8	1291.5	1260.0	1229.5	1215.0	1169.0	1147.3	1118.6	1092.7	1056.6
10°	1628.7	1586.9	1553.9	1506.4	1460.3	1431.2	1367.9	1321.7	1285.9	1244.0	1193.5
12.5°	1955.9	1897.0	1846.5	1778.8	1713.9	1669.3	1584.1	1518.0	1464.6	1405.4	1337.6
15°	2306.3	2227.1	2157.8	2067.0	1969.0	1915.7	1809.1	1721.1	1649.0	1569.8	1480.2
17.5°	2646.6	2545.6	2453.3	2340.9	2224.2	2134.7	2018.0	1906.9	1813.3	1709.6	1607.2
20°	2950.8	2828.2	2714.3	2580.2	2446.1	2335.3	2196.8	2064.2	1950.3	1830.6	1709.6
22.5°	3204.4	3061.6	2927.7	2776.4	2623.5	2495.1	2336.6	2186.8	2055.5	1921.4	1783.1
25°	3404.6	3246.2	3096.2	2927.7	2760.5	2617.7	2441.9	2276.0	2131.9	1984.9	1835.0
26°	3468.0	3302.4	3146.7	2966.4	2800.7	2652.2	2472.2	2300.7	2152.2	2002.1	1848.0
27°	3517.3	3345.7	3184.2	3002.6	2831.0	2678.1	2492.3	2317.8	2163.7	2010.8	1853.7
28°	3550.4	3374.4	3207.3	3022.9	2848.5	2691.2	2502.4	2323.8	2166.5	2012.4	1852.3
29°	3571.9	3390.3	3218.8	3034.4	2855.6	2694.0	2502.4	2320.7	2162.2	2004.9	1843.6
30°	3576.2	3391.9	3217.2	3030.0	2848.5	2685.4	2490.9	2307.9	2146.2	1989.3	1826.2
31°	3569.1	3378.8	3201.5	3015.7	2832.5	2665.3	2470.7	2287.6	2127.5	1967.5	1803.4
32°	3547.5	3355.7	3177.0	2989.5	2805.1	2637.9	2443.3	2257.3	2097.3	1938.8	1774.4
33°	3518.5	3322.6	3142.4	2954.8	2772.0	2603.2	2408.6	2224.2	2064.2	1904.1	1741.4
34°	3478.3	3280.8	3099.3	2914.6	2730.2	2561.5	2366.8	2183.7	2023.9	1865.2	1703.9
35°	3423.4	3224.6	3044.4	2862.8	2678.1	2511.0	2317.8	2136.3	1979.0	1822.1	1662.1
36°	3360.0	3164.1	2982.3	2802.3	2619.1	2453.3	2264.5	2084.5	1928.8	1772.9	1616.0
37°	3289.5	3093.4	2914.6	2737.4	2557.2	2392.7	2206.8	2029.6	1876.8	1722.7	1568.2
38°	3207.3	3012.6	2836.9	2663.8	2486.5	2325.0	2143.4	1969.0	1819.1	1667.7	1516.4
39°	3112.1	2921.8	2748.9	2581.7	2408.6	2250.1	2072.9	1902.7	1755.7	1608.8	1460.3
40°	3009.8	2825.4	2656.6	2493.7	2325.0	2170.9	1997.7	1833.6	1690.8	1546.7	1402.5
42.5°	2730.2	2557.2	2401.5	2255.8	2100.1	1957.5	1801.8	1650.6	1518.0	1385.4	1252.6
45°	2423.0	2266.1	2126.3	1997.7	1856.7	1729.8	1590.1	1453.1	1333.3	1212.2	1094.1
47.5°	2075.7	1937.2	1816.3	1708.2	1585.7	1474.6	1354.8	1236.9	1131.5	1026.4	922.5
50°	1685.1	1572.6	1477.4	1391.0	1293.0	1202.2	1105.6	1009.1	922.5	833.2	746.8
51°	1525.2	1424.1	1337.6	1264.0	1173.3	1092.7	1006.1	918.1	838.9	758.4	677.6
52°	1366.4	1278.7	1203.6	1138.7	1059.4	987.4	909.7	830.4	758.4	684.7	609.9
53°	1215.0	1138.7	1073.8	1019.2	949.9	886.6	817.3	748.1	681.9	615.5	547.8
54°	1072.4	1007.7	952.7	906.6	846.0	789.9	730.9	668.8	609.9	547.8	485.7
55°	940.0	885.0	838.9	800.2	748.1	699.1	648.5	593.9	540.6	484.4	436.7
57.5°	658.8	622.6	592.4	568.0	533.4	508.8	465.5	428.1	395.0	346.0	309.8
60°	443.9	419.5	400.8	386.3	363.2	350.3	320.0	292.7	271.0	234.9	209.0
61°	373.4	353.2	337.3	325.7	307.0	295.5	269.6	248.0	227.8	197.5	174.4
62°	309.8	292.7	286.9	271.0	255.2	246.5	225.0	206.2	190.3	162.9	144.1
63°	253.7	239.3	234.9	222.0	209.0	203.3	184.4	170.0	155.7	132.6	118.2
64°	204.7	193.1	190.3	180.3	170.0	164.4	150.1	137.0	125.4	106.7	95.2
65°	162.9	158.5	151.3	144.1	135.4	131.0	119.8	109.5	99.5	85.2	76.4
66°	128.2	125.4	118.2	112.3	105.1	102.3	92.4	85.2	78.0	66.5	60.5



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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°	20.3	20.3	18.7	18.7	15.9	15.9	14.4	13.1	13.1	11.5	11.5
75°	10.0	10.0	10.0	10.0	8.7	8.7	8.7	8.7	7.2	7.2	7.2
77.5°	7.2	7.2	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6
80°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
82.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
85°	1.6	1.6	1.6	1.6	1.6	2.8	2.8	2.8	2.8	2.8	2.8
87.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	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

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P1192164

CATALOG NUMBER: LDA6A35950D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	686.0	686.0	686.0	686.0	686.0	686.0	686.0	686.0	686.0	686.0	686.0
2.5°	788.6	775.5	769.6	765.5	756.8	749.6	739.3	733.7	720.6	722.2	706.3
5°	905.3	882.2	867.9	852.0	834.5	818.9	798.6	784.3	762.4	755.2	730.9
7.5°	1029.2	993.2	968.7	940.0	912.5	885.0	853.2	828.9	800.2	781.1	748.1
10°	1151.7	1107.1	1062.3	1020.4	980.2	941.2	898.1	864.8	824.5	797.1	756.8
12.5°	1278.7	1212.2	1157.4	1102.7	1047.9	997.6	942.8	896.6	844.8	810.2	761.2
15°	1404.1	1320.5	1251.2	1180.5	1112.8	1047.9	981.8	925.5	864.8	820.1	762.4
17.5°	1513.6	1414.1	1328.9	1241.0	1163.2	1086.9	1007.7	942.8	873.5	821.7	758.4
20°	1598.5	1484.6	1386.6	1285.9	1196.3	1108.4	1022.0	949.9	873.5	815.8	746.8
22.5°	1657.8	1533.6	1424.1	1314.6	1215.0	1121.4	1026.4	949.9	869.1	807.4	738.1
25°	1698.0	1567.0	1448.7	1332.0	1226.6	1127.2	1029.2	948.4	866.3	804.2	732.2
26°	1706.7	1572.6	1453.1	1333.3	1226.6	1125.8	1026.4	945.6	863.5	801.4	729.4
27°	1709.6	1574.1	1451.5	1332.0	1223.8	1121.4	1022.0	941.2	857.6	795.8	725.0
28°	1705.2	1569.8	1445.9	1324.5	1216.6	1112.8	1013.3	932.8	849.2	788.6	716.6
29°	1695.2	1558.2	1434.4	1313.0	1205.0	1099.9	1000.5	921.2	837.6	777.1	706.3
30°	1677.9	1541.1	1416.9	1294.3	1186.3	1082.5	983.0	903.8	821.7	761.2	690.4
31°	1655.0	1519.2	1395.4	1272.8	1164.8	1062.3	962.9	885.0	803.0	743.7	673.2
32°	1625.9	1494.9	1367.9	1246.9	1138.7	1037.9	940.0	862.0	781.1	722.2	652.9
33°	1592.9	1464.6	1337.6	1218.2	1112.8	1011.9	914.0	837.6	759.6	700.6	632.9
34°	1556.7	1431.2	1304.6	1187.7	1082.5	983.0	887.8	813.0	735.3	677.6	612.7
35°	1516.4	1393.8	1268.4	1151.7	1050.9	952.7	859.1	785.5	709.1	652.9	589.6
36°	1473.1	1353.6	1229.5	1120.0	1016.3	919.7	830.4	756.8	681.9	627.0	564.9
37°	1428.4	1311.8	1190.7	1084.0	981.8	887.8	800.2	727.8	655.7	602.4	541.8
38°	1379.5	1267.1	1147.3	1045.1	944.2	853.2	766.8	697.5	628.6	576.5	517.5
39°	1327.7	1213.8	1102.7	1003.3	905.3	817.3	733.7	667.3	598.3	549.1	491.6
40°	1274.3	1163.2	1056.6	959.9	864.8	781.1	699.1	634.2	569.3	520.3	465.5
42.5°	1135.9	1035.0	935.6	849.2	759.6	683.2	608.3	549.1	490.0	446.8	397.8
45°	988.9	899.4	808.6	730.9	650.1	580.8	514.7	461.3	408.0	371.9	330.1
47.5°	838.9	752.4	673.2	603.9	539.0	472.9	416.5	370.6	327.2	298.3	268.0
50°	668.8	605.5	536.2	478.5	418.0	369.0	321.4	288.3	256.5	237.7	214.7
51°	605.5	546.2	482.9	429.5	373.4	328.7	288.3	259.6	232.1	216.2	195.9
52°	552.1	490.0	431.1	381.9	335.9	292.7	258.0	233.6	210.6	195.9	177.2
53°	487.2	438.3	383.4	338.7	297.0	259.6	230.6	209.0	188.8	177.2	161.6
54°	432.4	387.7	337.3	297.0	262.4	230.6	204.7	187.5	170.0	158.5	145.7
55°	380.5	346.0	294.1	259.6	230.6	203.3	183.1	167.2	151.3	142.6	129.8
57.5°	266.8	236.5	204.7	184.4	165.7	148.5	134.2	122.6	112.3	106.7	96.7
60°	177.2	158.5	139.8	127.0	115.4	105.1	95.2	86.4	79.2	76.4	69.3
61°	148.5	134.2	118.2	109.5	99.5	89.2	80.8	74.9	69.3	66.5	60.5
62°	127.0	112.3	99.5	92.4	83.6	76.4	69.3	63.3	59.0	56.2	51.8
63°	103.9	93.6	83.6	78.0	70.5	63.3	59.0	53.4	50.5	47.4	43.4
64°	85.2	76.4	69.3	63.3	59.0	51.8	49.0	44.6	40.2	40.2	36.2
65°	69.3	62.1	56.2	51.8	47.4	43.4	40.2	36.2	33.1	31.8	28.7
66°	54.9	49.0	44.6	41.8	37.4	34.6	31.8	28.7	25.9	25.9	23.1

Classified

Scaled Data Report

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P1192164

CATALOG NUMBER: LDA6A35950D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
72.5°	10.0	10.0	10.0	8.7	8.7	8.7	8.7	7.2	7.2	7.2	7.2
75°	7.2	7.2	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6
77.5°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
80°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
82.5°	2.8	2.8	2.8	2.8	2.8	4.4	4.4	4.4	4.4	4.4	4.4
85°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	4.4	4.4
87.5°	2.8	2.8	2.8	2.8	2.8	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

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P1192164

CATALOG NUMBER: LDA6A35950D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
0°	686.0	686.0	686.0	686.0	686.0	686.0	686.0	686.0
2.5°	701.9	699.1	681.9	676.0	617.0	566.5	546.2	533.4
5°	719.4	707.8	683.2	671.6	560.6	481.4	445.4	429.5
7.5°	729.4	709.1	676.0	658.8	506.0	410.8	366.2	350.3
10°	727.8	701.9	663.2	638.6	455.4	353.2	308.5	292.7
12.5°	726.5	693.5	648.5	618.3	413.7	311.4	265.2	250.8
15°	722.2	681.9	632.9	598.3	377.7	276.7	234.9	222.0
17.5°	710.6	667.3	612.7	575.2	347.5	250.8	214.7	201.9
20°	696.3	648.5	593.9	554.9	328.7	240.8	210.6	201.9
22.5°	684.7	635.8	580.8	543.4	334.5	271.0	269.6	275.4
25°	680.4	632.9	578.0	543.4	363.2	327.2	346.0	356.0
26°	677.6	631.4	578.0	543.4	371.9	341.6	359.0	370.6
27°	673.2	627.0	575.2	540.6	376.2	348.8	364.7	373.4
28°	666.0	619.8	568.0	536.2	376.2	348.8	361.8	369.0
29°	655.7	611.1	559.3	527.5	371.9	343.1	353.2	359.0
30°	641.4	596.8	546.2	514.7	361.8	334.5	340.1	344.4
31°	624.2	580.8	530.4	500.1	351.6	322.9	327.2	330.1
32°	605.5	562.1	513.1	484.4	338.7	309.8	312.8	314.2
33°	585.2	543.4	496.0	467.0	327.2	298.3	298.3	299.8
34°	564.9	523.1	480.1	449.8	315.7	288.3	285.5	286.9
35°	545.0	503.2	461.3	432.4	304.2	276.7	273.9	273.9
36°	521.9	481.4	441.1	413.7	292.7	268.0	262.4	262.4
37°	500.1	461.3	422.3	395.0	279.6	258.0	252.3	250.8
38°	477.0	439.6	402.2	376.2	268.0	248.0	242.1	240.8
39°	454.2	418.0	381.9	357.4	256.5	237.7	233.6	230.6
40°	429.5	395.0	361.8	337.3	245.1	226.2	223.4	220.6
42.5°	366.2	335.9	308.5	291.1	216.2	199.1	194.7	195.9
45°	304.2	281.1	259.6	248.0	187.5	171.6	167.2	167.2
47.5°	249.3	232.1	217.8	206.2	157.2	142.6	138.5	132.6
50°	201.9	188.8	177.2	170.0	129.8	115.4	106.7	100.8
51°	184.4	172.8	162.9	155.7	118.2	103.9	93.6	88.0
52°	167.2	157.2	148.5	142.6	106.7	92.4	82.1	76.4
53°	151.3	142.6	135.4	129.8	96.7	82.1	72.1	66.5
54°	137.0	128.2	122.6	116.7	86.4	72.1	60.5	56.2
55°	123.9	115.4	111.1	105.1	76.4	62.1	50.5	47.4
57.5°	92.4	86.4	83.6	79.2	56.2	40.2	30.3	25.9
60°	66.5	62.1	60.5	57.7	36.2	21.5	15.9	13.1
61°	57.7	54.9	51.8	49.0	28.7	17.2	13.1	11.5
62°	49.0	46.2	43.4	41.8	23.1	14.4	11.5	10.0
63°	40.2	39.0	36.2	34.6	18.7	11.5	10.0	8.7
64°	33.1	31.8	28.7	27.5	15.9	10.0	8.7	7.2
65°	27.5	25.9	23.1	21.5	13.1	8.7	7.2	5.6
66°	21.5	20.3	18.7	17.2	11.5	8.7	5.6	5.6

Classified

Scaled Data Report

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P1192164

CATALOG NUMBER: LDA6A35950D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
72.5°	7.2	7.2	5.6	5.6	5.6	5.6	5.6	4.4
75°	5.6	5.6	5.6	5.6	5.6	5.6	4.4	4.4
77.5°	4.4	4.4	4.4	4.4	5.6	4.4	4.4	4.4
80°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	2.8
82.5°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	2.8
85°	4.4	4.4	4.4	4.4	4.4	4.4	2.8	2.8
87.5°	2.8	4.4	4.4	4.4	4.4	2.8	1.6	1.6
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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— 0°-180° - - 45°-225° - - - 90°-270°

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Peachtree City, GA 30269

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67.5°	103.9	106.7	108.3	108.3	106.7	100.8	102.3	99.5	96.7	93.6	90.8
70°	51.8	53.4	54.9	54.9	53.4	50.5	51.8	50.5	49.0	47.4	44.6

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67.5°	88.0	85.2	80.8	76.4	70.5	69.3	62.1	56.2	51.8	44.6	41.8
70°	43.4	41.8	39.0	36.2	34.6	33.1	28.7	27.5	24.6	21.5	20.3

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67.5°	37.4	33.1	30.3	28.7	25.9	24.6	23.1	20.3	18.7	18.7	17.2
70°	18.7	17.2	15.9	15.9	14.4	13.1	13.1	11.5	11.5	11.5	10.0

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67.5°	15.9	15.9	14.4	13.1	8.7	7.2	5.6	5.6
70°	10.0	10.0	8.7	8.7	7.2	5.6	5.6	4.4

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Scaled Data Report



(END OF REPORT)