

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: P1192143

Luminaire Tested: **LDA6A35930D010TE LAR35FL 6LLWW1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-41-14
Report Number: P1192143
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: LDA6A35930D010TE LAR35FL 6LLWW1
Description: PORTFOLIO 6" Lensed Wall Wash, Self-flanged, 35° Flood Optic, at 30° tilt
Light Source: (1) HIGH LUMEN LED 90CRI / 3000K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

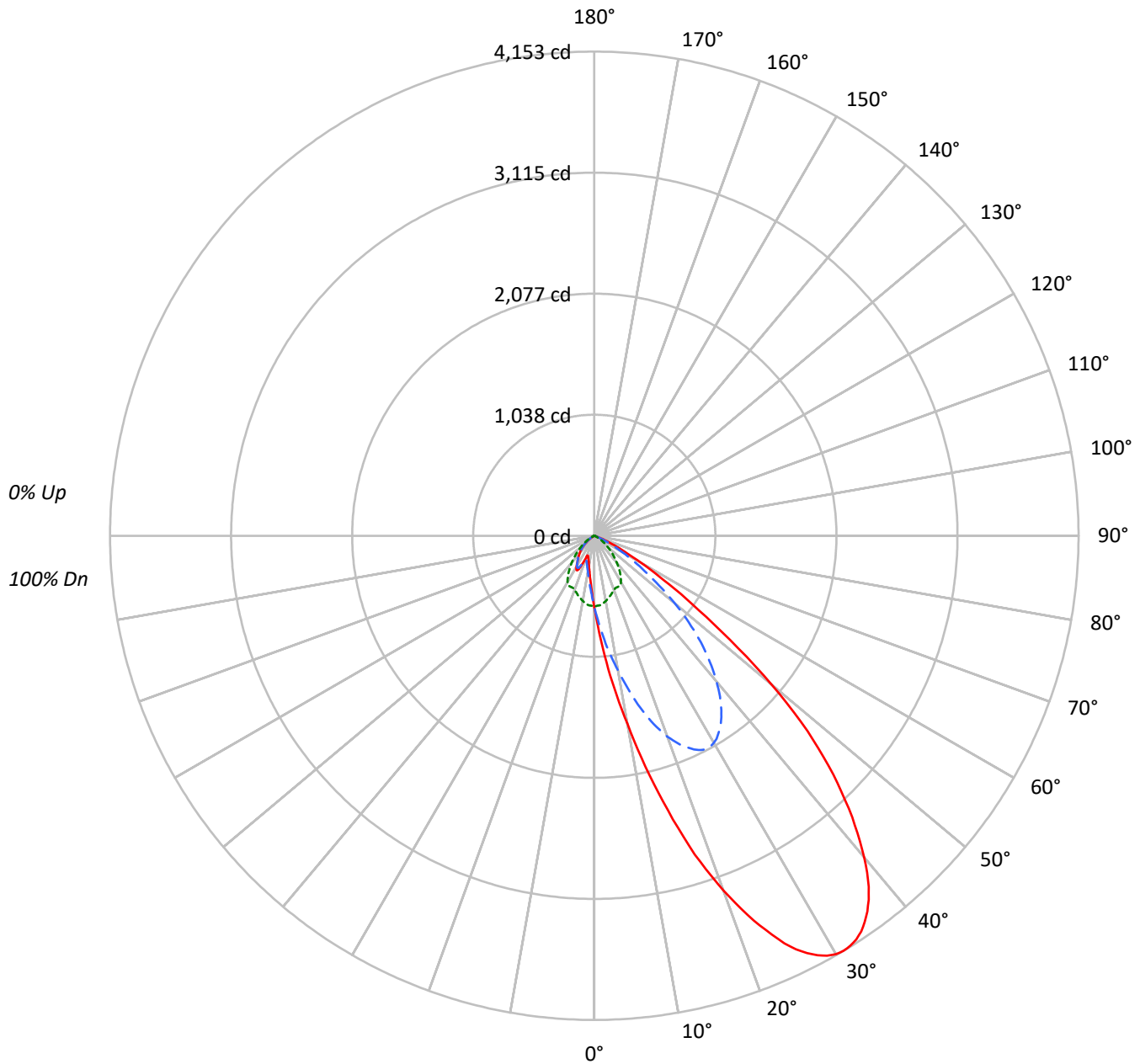
Lumens per Lamp: N/A
Luminaire Lumens: 2581.3 lumens
Efficiency: N/A
Efficacy: 54.1 lumens/watt
Spacing Criteria (0/90/45): 2.33 / 1.13 / 1.63
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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°	33429	33429	33429
5°	56884	32853	21005
10°	91353	31585	14484
15°	138423	30170	11198
20°	188999	28773	10460
25°	233294	29203	19138
30°	262319	28954	19389
35°	270644	25712	16289
40°	257697	21462	14026
45°	224845	17095	11528
50°	169547	12895	7659
55°	97946	8936	4033
60°	50698	5625	1272
65°	21948	2491	675
70°	7389	1218	625
75°	2457	1101	826
80°	1642	1231	789
85°	755	2453	1572

Classified

Scaled Data Report

Cooper Lighting Solutions Photometric Lab

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	65.4	2.5
10°-20°	263.3	10.2
20°-30°	560.8	21.7
30°-40°	728.1	28.2
40°-50°	610.6	23.7
50°-60°	281.6	10.9
60°-70°	60.8	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°	889.5	34.5
0°-40°	1617.6	62.7
0°-60°	2509.8	97.2
0°-90°	2581.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2581.3	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	610	610	610	610	610	
5°	1034	864	597	428	382	117
15°	2439	1530	532	246	197	716
25°	3857	2023	483	291	316	1770
35°	4044	1898	384	246	243	2497
45°	2900	1291	220	152	149	2200
55°	1025	528	94	55	42	974
65°	169	97	19	8	5	194
75°	12	8	5	5	4	17
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°	609.8	609.8	609.8	609.8	609.8	609.8	609.8	609.8	609.8	609.8	609.8
2.5°	789.1	777.5	787.9	787.9	781.4	776.3	785.1	773.8	780.2	768.6	768.6
5°	1033.7	1004.4	1018.4	1017.2	1005.6	1008.1	1004.4	987.6	991.5	973.5	968.4
7.5°	1320.7	1289.9	1305.2	1301.5	1284.7	1283.5	1277.1	1250.2	1250.2	1223.3	1209.3
10°	1641.1	1617.9	1635.9	1628.2	1607.5	1598.6	1588.5	1551.3	1543.7	1502.5	1479.5
12.5°	2027.7	2016.4	1997.1	1984.3	1975.2	1961.1	1943.1	1894.6	1876.6	1821.6	1785.8
15°	2439.0	2433.9	2412.2	2414.6	2380.1	2339.2	2349.3	2268.6	2237.8	2166.1	2117.5
17.5°	2865.6	2850.1	2829.6	2801.5	2783.5	2734.9	2713.2	2637.5	2592.7	2503.1	2442.7
20°	3239.7	3233.3	3215.3	3179.3	3152.4	3097.4	3062.9	2975.6	2913.0	2807.9	2734.9
22.5°	3572.6	3562.5	3545.7	3502.3	3470.3	3404.9	3361.3	3261.4	3184.5	3065.4	2977.1
25°	3856.9	3837.9	3823.6	3771.1	3736.6	3659.7	3608.6	3497.2	3406.2	3274.2	3171.7
26°	3945.5	3928.7	3915.9	3860.9	3823.6	3743.0	3689.2	3572.6	3475.2	3340.8	3231.8
27°	4018.4	4004.4	3994.0	3936.6	3896.9	3813.5	3754.6	3636.7	3532.9	3394.6	3281.9
28°	4076.1	4063.3	4053.0	3992.8	3951.9	3866.1	3803.2	3682.8	3573.8	3431.8	3316.4
29°	4118.3	4105.5	4097.8	4033.7	3992.8	3904.5	3839.2	3714.9	3602.2	3457.5	3338.3
30°	4144.0	4131.1	4123.5	4056.9	4016.0	3926.2	3855.7	3731.4	3613.5	3467.6	3346.0
31°	4152.8	4138.8	4133.8	4065.8	4022.4	3930.2	3859.6	3731.4	3611.1	3463.9	3339.6
32°	4145.2	4132.4	4128.7	4059.4	4014.5	3921.0	3849.3	3720.1	3597.0	3448.3	3321.6
33°	4127.4	4114.6	4111.9	4041.6	3996.7	3900.6	3830.0	3698.1	3572.6	3422.7	3295.9
34°	4094.1	4081.3	4081.3	4009.6	3963.5	3867.3	3796.8	3664.8	3535.6	3386.9	3258.9
35°	4044.1	4038.9	4033.7	3960.7	3914.6	3818.7	3748.2	3615.0	3485.6	3338.3	3207.7
36°	3982.7	3978.7	3973.6	3900.6	3853.2	3757.1	3689.2	3556.1	3425.4	3279.4	3150.0
37°	3909.5	3907.0	3903.0	3830.0	3782.7	3688.0	3618.7	3488.0	3357.6	3212.8	3083.4
38°	3821.2	3821.2	3817.2	3744.2	3696.9	3603.4	3536.9	3406.2	3276.7	3134.7	3007.7
39°	3716.1	3718.6	3716.1	3643.1	3595.8	3503.6	3439.4	3312.7	3183.2	3044.9	2931.0
40°	3601.0	3604.7	3603.4	3531.7	3484.3	3394.6	3333.2	3208.9	3093.5	2946.3	2836.0
42.5°	3274.2	3280.6	3281.9	3214.1	3169.2	3085.8	3030.8	2916.9	2796.3	2673.5	2573.4
45°	2900.2	2911.7	2914.2	2852.8	2811.9	2736.2	2690.1	2587.5	2498.0	2371.2	2283.9
47.5°	2481.2	2498.0	2504.4	2447.9	2408.2	2342.9	2308.3	2221.3	2143.1	2029.2	1956.0
50°	1988.0	2007.2	1992.0	1968.8	1935.5	1884.4	1863.7	1793.5	1710.1	1637.1	1585.8
51°	1774.2	1794.7	1806.3	1761.4	1733.3	1687.2	1671.6	1611.5	1537.2	1474.4	1431.0
52°	1564.1	1585.8	1597.4	1557.7	1533.3	1494.8	1486.0	1433.4	1368.1	1315.6	1279.8
53°	1366.9	1387.3	1374.5	1365.6	1343.7	1311.6	1306.7	1263.0	1206.6	1163.2	1135.1
54°	1186.1	1204.1	1216.9	1187.6	1168.3	1141.5	1140.0	1104.2	1056.9	1019.7	999.2
55°	1024.8	1041.4	1052.9	1028.5	1012.0	988.8	988.8	959.5	919.8	889.0	873.7
57.5°	700.8	712.2	722.5	704.5	692.9	678.9	681.6	663.6	636.7	617.5	608.6
60°	462.4	471.5	477.9	466.3	459.9	451.0	453.5	441.9	433.0	412.5	408.6
61°	385.7	394.5	401.0	390.6	393.3	376.5	380.5	370.1	362.5	353.6	343.3
62°	318.8	326.7	331.7	322.8	325.3	311.2	315.1	307.5	301.1	292.0	284.3
63°	260.2	266.6	271.5	270.3	266.6	255.0	257.4	251.0	245.9	239.4	233.0
64°	211.3	216.5	220.5	220.5	216.5	206.2	208.9	202.5	199.7	193.3	188.4
65°	169.2	172.9	175.6	175.6	172.9	165.2	166.4	162.8	158.8	155.1	151.2
66°	133.2	137.1	139.6	139.6	137.1	130.7	131.9	128.0	125.5	121.8	119.1



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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°	21.7	23.2	23.2	23.2	23.2	21.7	21.7	21.7	20.5	20.5	19.2
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°	609.8	609.8	609.8	609.8	609.8	609.8	609.8	609.8	609.8	609.8	609.8
2.5°	764.7	758.3	757.0	748.2	734.1	741.7	725.0	725.0	718.6	716.1	704.5
5°	956.8	944.2	936.3	918.6	904.5	899.3	872.4	864.5	849.3	837.7	817.2
7.5°	1190.0	1165.6	1147.9	1119.5	1092.6	1079.8	1038.9	1019.7	994.0	971.1	939.0
10°	1447.5	1410.3	1380.9	1338.7	1297.6	1271.9	1215.7	1174.8	1142.7	1105.5	1060.6
12.5°	1738.2	1685.7	1641.1	1580.6	1523.2	1483.5	1407.8	1348.9	1301.5	1249.0	1188.8
15°	2049.7	1979.1	1917.7	1836.9	1749.8	1702.5	1607.5	1529.6	1465.5	1395.0	1315.6
17.5°	2352.0	2262.2	2180.4	2080.2	1976.7	1897.0	1793.5	1694.8	1611.5	1519.2	1428.3
20°	2622.2	2513.3	2412.2	2293.0	2173.9	2075.3	1952.3	1834.4	1733.3	1626.8	1519.2
22.5°	2847.6	2720.9	2601.8	2467.1	2331.3	2217.3	2076.5	1943.1	1826.7	1707.6	1584.6
25°	3025.7	2884.9	2751.5	2601.8	2453.1	2326.3	2170.0	2022.8	1894.6	1763.9	1630.7
26°	3082.1	2934.7	2796.3	2636.3	2488.8	2356.9	2196.9	2044.5	1912.6	1779.4	1642.3
27°	3125.5	2973.1	2829.6	2668.4	2516.0	2380.1	2214.9	2059.8	1922.7	1787.0	1647.2
28°	3155.1	2998.8	2850.1	2686.1	2531.3	2391.7	2223.8	2065.0	1925.4	1788.3	1646.0
29°	3174.4	3012.8	2860.5	2696.5	2537.7	2394.2	2223.8	2062.5	1921.4	1781.9	1638.4
30°	3178.1	3014.1	2859.2	2692.5	2531.3	2386.5	2213.6	2050.9	1907.4	1767.8	1623.1
31°	3171.7	3002.7	2845.2	2679.7	2517.2	2368.5	2195.6	2032.9	1890.6	1748.6	1602.6
32°	3152.4	2982.0	2823.2	2656.8	2492.8	2344.1	2171.2	2006.0	1863.7	1722.9	1576.9
33°	3126.8	2952.7	2792.6	2625.9	2463.4	2313.5	2140.4	1976.7	1834.4	1692.1	1547.4
34°	3091.0	2915.4	2754.2	2590.2	2426.2	2276.3	2103.4	1940.7	1798.4	1657.6	1514.1
35°	3042.4	2865.6	2705.3	2544.1	2380.1	2231.4	2059.8	1898.5	1758.7	1619.1	1477.1
36°	2986.0	2811.9	2650.4	2490.3	2327.6	2180.4	2012.4	1852.4	1714.1	1575.7	1435.9
37°	2923.1	2749.0	2590.2	2432.6	2272.6	2126.4	1961.1	1803.6	1667.9	1530.8	1393.7
38°	2850.1	2677.2	2520.9	2367.3	2209.7	2066.2	1904.9	1749.8	1616.6	1482.0	1347.6
39°	2765.8	2596.6	2442.7	2294.3	2140.4	1999.6	1842.0	1690.9	1560.2	1429.5	1297.6
40°	2674.8	2510.8	2360.9	2216.1	2066.2	1929.1	1775.5	1629.5	1502.5	1374.5	1246.5
42.5°	2426.2	2272.6	2134.0	2004.8	1866.4	1739.7	1601.1	1466.7	1348.9	1231.0	1113.1
45°	2153.2	2013.7	1889.4	1775.5	1649.9	1537.2	1413.0	1291.2	1184.9	1077.4	972.3
47.5°	1844.5	1721.7	1613.9	1518.0	1409.0	1310.4	1204.1	1099.1	1005.6	912.1	819.9
50°	1497.5	1397.7	1313.1	1236.2	1149.1	1068.2	982.4	896.6	819.9	740.5	663.6
51°	1355.3	1265.5	1188.8	1123.5	1042.8	971.1	894.1	816.0	745.4	673.7	602.2
52°	1214.5	1136.3	1069.7	1012.0	941.5	877.4	808.3	737.8	673.7	608.6	541.8
53°	1079.8	1012.0	954.3	905.7	844.1	787.9	726.2	664.8	605.9	546.9	486.8
54°	953.1	895.4	846.8	805.9	751.9	702.0	649.5	594.3	541.8	486.8	431.8
55°	835.2	786.6	745.4	710.9	664.8	621.2	576.5	527.7	480.4	430.3	388.1
57.5°	585.4	553.4	526.5	504.8	473.9	452.2	413.8	380.5	350.9	307.5	275.4
60°	394.5	372.8	356.1	343.3	322.8	311.2	284.3	260.2	240.9	208.9	185.7
61°	331.7	313.9	299.9	289.5	272.7	262.6	239.4	220.5	202.5	175.6	155.1
62°	275.4	260.2	255.0	240.9	226.6	219.0	199.7	183.2	169.2	144.7	128.0
63°	225.4	212.6	208.9	197.3	185.7	180.5	164.0	151.2	138.3	117.9	105.0
64°	182.0	171.6	169.2	160.0	151.2	146.0	133.2	121.8	111.5	94.7	84.6
65°	144.7	140.8	134.4	128.0	120.3	116.6	106.3	97.4	88.3	75.5	67.8
66°	113.9	111.5	105.0	99.9	93.5	91.0	81.9	75.5	69.3	58.9	53.8



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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	14.1	14.1	12.8	11.6	11.6	10.4	10.4
75°	8.9	8.9	8.9	8.9	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

TEST NUMBER: P1192143

CATALOG NUMBER: LDA6A35930D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	609.8	609.8	609.8	609.8	609.8	609.8	609.8	609.8	609.8	609.8	609.8
2.5°	700.8	689.2	684.0	680.1	672.5	666.0	657.2	652.0	640.4	641.9	627.6
5°	804.4	783.9	771.1	757.0	741.7	727.7	709.7	696.9	677.6	671.2	649.5
7.5°	914.6	882.5	860.8	835.2	810.8	786.6	758.3	736.6	710.9	694.4	664.8
10°	1023.6	983.9	944.2	907.0	871.0	836.4	798.0	768.6	732.6	708.5	672.5
12.5°	1136.3	1077.4	1028.5	980.0	931.4	886.5	837.7	796.7	750.6	719.8	676.4
15°	1247.8	1173.3	1111.9	1049.2	988.8	931.4	872.4	822.4	768.6	728.9	677.6
17.5°	1345.2	1256.6	1181.2	1103.0	1033.7	965.9	895.4	837.7	776.3	730.2	673.7
20°	1420.6	1319.5	1232.2	1142.7	1063.3	985.1	908.2	844.1	776.3	725.0	663.6
22.5°	1473.1	1362.9	1265.5	1168.3	1079.8	996.7	912.1	844.1	772.3	717.3	655.9
25°	1508.9	1392.5	1287.5	1183.6	1090.2	1001.7	914.6	842.8	769.9	714.9	650.8
26°	1516.8	1397.7	1291.2	1184.9	1090.2	1000.4	912.1	840.4	767.4	712.2	648.3
27°	1519.2	1398.9	1289.9	1183.6	1087.5	996.7	908.2	836.4	762.2	707.2	644.3
28°	1515.3	1395.0	1284.7	1177.2	1081.1	988.8	900.6	828.8	754.6	700.8	636.7
29°	1506.4	1384.9	1274.6	1166.9	1070.9	977.5	889.0	818.4	744.2	690.5	627.6
30°	1491.1	1369.3	1259.1	1150.3	1054.2	962.0	873.7	803.1	730.2	676.4	613.5
31°	1470.7	1350.1	1240.1	1131.1	1034.9	944.2	855.7	786.6	713.4	661.1	598.2
32°	1445.0	1328.4	1215.7	1107.9	1012.0	922.2	835.2	765.9	694.4	641.9	580.2
33°	1415.4	1301.5	1188.8	1082.5	988.8	899.3	812.0	744.2	675.2	622.6	562.5
34°	1383.4	1271.9	1159.2	1055.4	962.0	873.7	789.1	722.5	653.2	602.2	544.5
35°	1347.6	1238.6	1127.2	1023.6	933.8	846.8	763.4	698.1	630.3	580.2	524.0
36°	1309.2	1202.9	1092.6	995.2	903.0	817.2	737.8	672.5	605.9	557.3	502.1
37°	1269.4	1165.6	1058.1	963.2	872.4	789.1	710.9	646.8	582.9	535.3	481.6
38°	1225.8	1125.9	1019.7	928.7	839.1	758.3	681.6	619.9	558.5	512.4	459.9
39°	1179.7	1078.6	980.0	891.7	804.4	726.2	652.0	593.1	531.6	488.0	436.7
40°	1132.3	1033.7	939.0	853.2	768.6	694.4	621.2	563.7	506.0	462.4	413.8
42.5°	1009.3	919.8	831.3	754.6	675.2	607.1	540.5	488.0	435.5	397.0	353.6
45°	878.8	799.4	718.6	649.5	577.8	516.1	457.4	409.8	362.5	330.4	293.4
47.5°	745.4	668.8	598.2	536.8	479.1	420.2	370.1	329.2	290.7	265.1	238.2
50°	594.3	538.1	476.4	425.4	371.4	328.0	285.6	256.2	228.1	211.3	190.9
51°	538.1	485.5	429.1	381.7	331.7	292.0	256.2	230.6	206.2	192.1	174.1
52°	490.7	435.5	383.0	339.6	298.4	260.2	229.3	207.6	186.9	174.1	157.6
53°	433.0	389.4	340.8	301.1	263.9	230.6	204.9	185.7	167.9	157.6	143.5
54°	384.2	344.5	299.9	263.9	233.0	204.9	182.0	166.4	151.2	140.8	129.5
55°	338.1	307.5	261.4	230.6	204.9	180.5	162.8	148.7	134.4	126.7	115.4
57.5°	237.0	210.1	182.0	164.0	147.2	131.9	119.1	109.0	99.9	94.7	85.8
60°	157.6	140.8	124.3	112.7	102.6	93.5	84.6	76.9	70.5	67.8	61.4
61°	131.9	119.1	105.0	97.4	88.3	79.4	71.8	66.6	61.4	58.9	53.8
62°	112.7	99.9	88.3	81.9	74.2	67.8	61.4	56.5	52.5	50.1	46.1
63°	92.2	83.3	74.2	69.3	62.9	56.5	52.5	47.3	44.9	42.2	38.5
64°	75.5	67.8	61.4	56.5	52.5	46.1	43.6	39.7	35.8	35.8	32.1
65°	61.4	55.0	50.1	46.1	42.2	38.5	35.8	32.1	29.3	28.1	25.6
66°	48.6	43.6	39.7	37.2	33.3	30.8	28.1	25.6	23.2	23.2	20.5

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Scaled Data Report

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

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TEST NUMBER: P1192143

CATALOG NUMBER: LDA6A35930D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
72.5°	8.9	8.9	8.9	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: P1192143

CATALOG NUMBER: LDA6A35930D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
0°	609.8	609.8	609.8	609.8	609.8	609.8	609.8	609.8
2.5°	623.9	621.2	605.9	600.7	548.2	503.5	485.5	473.9
5°	639.2	629.1	607.1	597.0	498.4	427.8	395.8	381.7
7.5°	648.3	630.3	600.7	585.4	449.5	365.2	325.3	311.2
10°	646.8	623.9	589.4	567.4	404.9	313.9	274.2	260.2
12.5°	645.6	616.2	576.5	549.7	367.7	276.7	235.7	222.9
15°	641.9	605.9	562.5	531.6	335.6	245.9	208.9	197.3
17.5°	631.5	593.1	544.5	511.2	308.7	222.9	190.9	179.3
20°	618.7	576.5	527.7	493.2	292.0	214.0	186.9	179.3
22.5°	608.6	564.9	516.1	482.8	297.1	240.9	239.4	244.6
25°	604.6	562.5	513.6	482.8	322.8	290.7	307.5	316.4
26°	602.2	561.0	513.6	482.8	330.4	303.6	318.8	329.2
27°	598.2	557.3	511.2	480.4	334.4	310.0	324.0	331.7
28°	591.8	550.9	504.8	476.4	334.4	310.0	321.6	328.0
29°	582.9	543.2	497.1	468.8	330.4	304.8	313.9	318.8
30°	570.1	530.4	485.5	457.4	321.6	297.1	302.3	306.3
31°	554.6	516.1	471.5	444.6	312.7	287.0	290.7	293.4
32°	538.1	499.6	455.9	430.3	301.1	275.4	277.9	279.1
33°	520.1	482.8	440.7	415.0	290.7	265.1	265.1	266.6
34°	502.1	465.1	426.6	399.7	280.6	256.2	253.7	255.0
35°	484.3	447.1	409.8	384.2	270.3	245.9	243.4	243.4
36°	463.8	427.8	392.1	367.7	260.2	238.2	233.0	233.0
37°	444.6	409.8	375.3	350.9	248.6	229.3	224.2	222.9
38°	423.9	390.6	357.3	334.4	238.2	220.5	215.3	214.0
39°	403.4	371.4	339.6	317.6	228.1	211.3	207.6	204.9
40°	381.7	350.9	321.6	299.9	217.7	201.2	198.5	196.0
42.5°	325.3	298.4	274.2	258.7	192.1	176.8	172.9	174.1
45°	270.3	249.8	230.6	220.5	166.4	152.4	148.7	148.7
47.5°	221.7	206.2	193.3	183.2	139.6	126.7	123.0	117.9
50°	179.3	167.9	157.6	151.2	115.4	102.6	94.7	89.8
51°	164.0	153.6	144.7	138.3	105.0	92.2	83.3	78.2
52°	148.7	139.6	131.9	126.7	94.7	81.9	73.0	67.8
53°	134.4	126.7	120.3	115.4	85.8	73.0	64.1	58.9
54°	121.8	113.9	109.0	103.8	76.9	64.1	53.8	50.1
55°	110.2	102.6	98.6	93.5	67.8	55.0	44.9	42.2
57.5°	81.9	76.9	74.2	70.5	50.1	35.8	26.9	23.2
60°	58.9	55.0	53.8	51.3	32.1	19.2	14.1	11.6
61°	51.3	48.6	46.1	43.6	25.6	15.3	11.6	10.4
62°	43.6	40.9	38.5	37.2	20.5	12.8	10.4	8.9
63°	35.8	34.5	32.1	30.8	16.8	10.4	8.9	7.6
64°	29.3	28.1	25.6	24.4	14.1	8.9	7.6	6.4
65°	24.4	23.2	20.5	19.2	11.6	7.6	6.4	5.2
66°	19.2	18.0	16.8	15.3	10.4	7.6	5.2	5.2



TEST NUMBER: P1192143

CATALOG NUMBER: LDA6A35930D010TE 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

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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

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— 0°-180° - - 45°-225° - - - 90°-270°

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67.5°	92.2	94.7	96.2	96.2	94.7	89.8	91.0	88.3	85.8	83.3	80.6
70°	46.1	47.3	48.6	48.6	47.3	44.9	46.1	44.9	43.6	42.2	39.7

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67.5°	78.2	75.5	71.8	67.8	62.9	61.4	55.0	50.1	46.1	39.7	37.2
70°	38.5	37.2	34.5	32.1	30.8	29.3	25.6	24.4	21.7	19.2	18.0

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67.5°	33.3	29.3	26.9	25.6	23.2	21.7	20.5	18.0	16.8	16.8	15.3
70°	16.8	15.3	14.1	14.1	12.8	11.6	11.6	10.4	10.4	10.4	8.9

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67.5°	14.1	14.1	12.8	11.6	7.6	6.4	5.2	5.2
70°	8.9	8.9	7.6	7.6	6.4	5.2	5.2	3.9

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Scaled Data Report



(END OF REPORT)