

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: P1192136

Luminaire Tested: **LDA6A35927D010TE 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: P1192136
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: LDA6A35927D010TE LAR35FL 6LLWW1
Description: PORTFOLIO 6" Lensed Wall Wash, Self-flanged, 35° Flood Optic, at 30° tilt
Light Source: (1) HIGH LUMEN LED 90CRI / 2700K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

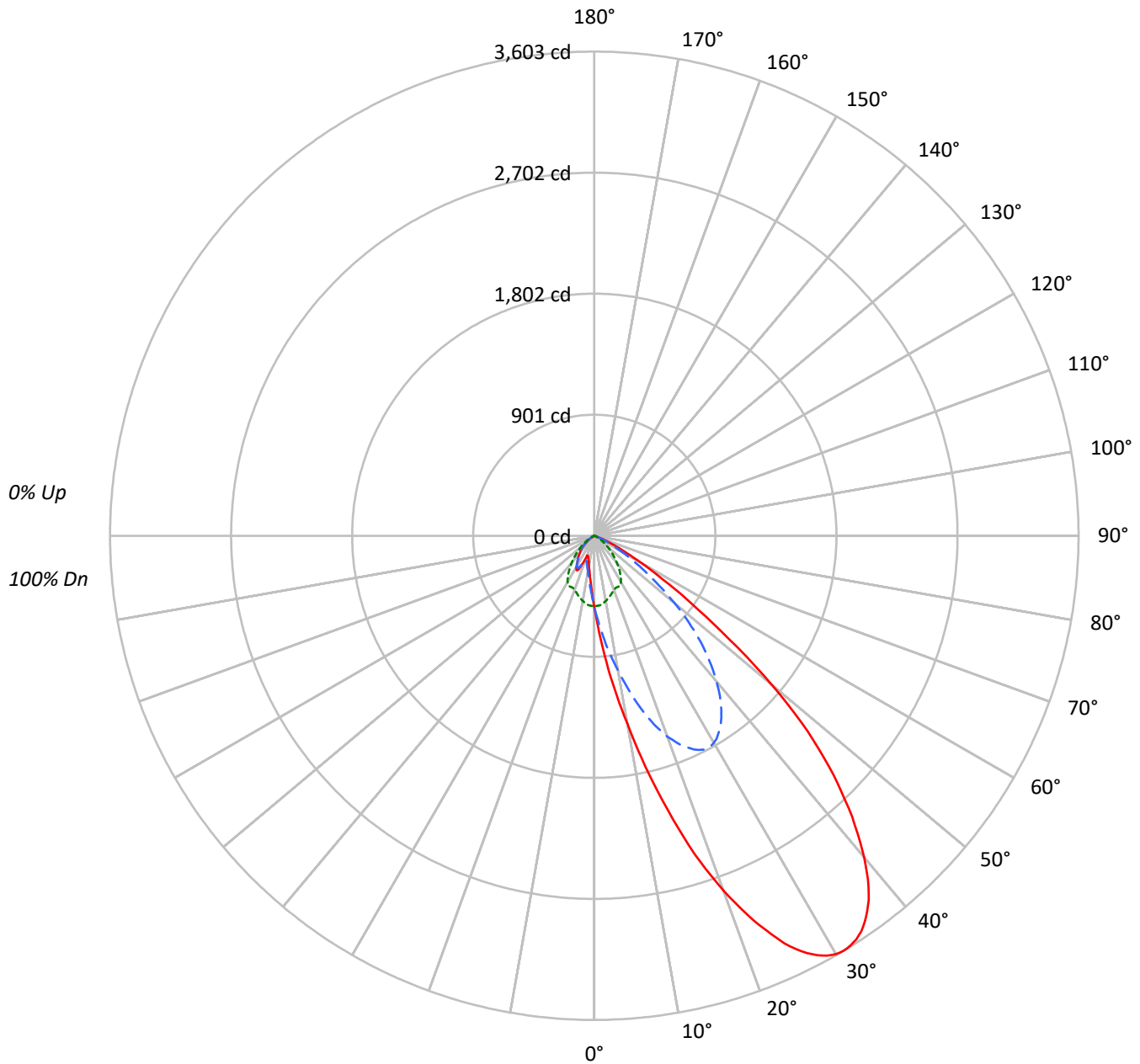
Lumens per Lamp: N/A
Luminaire Lumens: 2239.4 lumens
Efficiency: N/A
Efficacy: 46.9 lumens/watt
Spacing Criteria (0/90/45): 2.33 / 1.13 / 1.63
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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	95	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°	28994	28994	28994
5°	49356	28494	18226
10°	79246	27399	12558
15°	120080	26169	9711
20°	163954	24957	9077
25°	202391	25344	16604
30°	227554	25118	16813
35°	234780	22312	14127
40°	223547	18621	12158
45°	195059	14815	10001
50°	147091	11189	6627
55°	84967	7751	3508
60°	43988	4868	1107
65°	19029	2179	571
70°	6395	1074	561
75°	2139	932	741
80°	1389	1105	695
85°	755	2201	1384



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	56.8	2.5
10°-20°	228.4	10.2
20°-30°	486.5	21.7
30°-40°	631.6	28.2
40°-50°	529.7	23.7
50°-60°	244.3	10.9
60°-70°	52.7	2.4
70°-80°	6.9	0.3
80°-90°	2.5	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°	771.7	34.5
0°-40°	1403.3	62.7
0°-60°	2177.3	97.2
0°-90°	2239.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2239.4	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	529	529	529	529	529	
5°	897	750	518	371	331	102
15°	2116	1327	461	213	171	621
25°	3346	1755	419	252	274	1535
35°	3508	1647	333	213	211	2166
45°	2516	1120	191	132	129	1909
55°	889	458	81	48	37	845
65°	147	84	17	7	4	169
75°	10	7	4	4	4	15
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°	528.9	528.9	528.9	528.9	528.9	528.9	528.9	528.9	528.9	528.9	528.9
2.5°	684.5	674.4	683.3	683.3	677.9	673.4	681.1	671.2	676.6	666.8	666.8
5°	896.9	871.2	883.5	882.3	872.4	874.7	871.2	856.7	860.1	844.6	840.1
7.5°	1145.7	1119.0	1132.3	1129.1	1114.6	1113.4	1107.9	1084.5	1084.5	1061.3	1049.0
10°	1423.6	1403.6	1419.1	1412.5	1394.7	1386.8	1377.9	1345.6	1339.0	1303.5	1283.5
12.5°	1759.2	1749.1	1732.5	1721.5	1713.6	1701.2	1685.7	1643.5	1628.0	1580.2	1549.1
15°	2115.8	2111.3	2092.6	2094.8	2064.7	2029.2	2038.1	1968.0	1941.4	1879.0	1836.9
17.5°	2485.9	2472.6	2454.8	2430.4	2414.9	2372.5	2353.7	2288.1	2249.2	2171.5	2119.2
20°	2810.4	2804.7	2789.2	2758.1	2734.7	2687.1	2657.0	2581.6	2527.1	2435.8	2372.5
22.5°	3099.4	3090.3	3076.0	3038.2	3010.4	2953.7	2915.9	2829.1	2762.6	2659.2	2582.5
25°	3346.0	3329.2	3317.1	3271.5	3241.4	3174.9	3130.5	3033.8	2954.9	2840.5	2751.5
26°	3422.7	3408.1	3397.0	3349.2	3317.1	3247.1	3200.5	3099.4	3014.8	2898.2	2803.7
27°	3486.1	3473.7	3464.8	3414.8	3380.5	3308.3	3257.0	3154.9	3064.9	2944.8	2847.1
28°	3536.1	3524.8	3515.9	3463.9	3428.1	3353.9	3299.4	3194.8	3100.4	2977.1	2877.0
29°	3572.6	3561.5	3554.9	3499.4	3463.9	3387.2	3330.5	3222.7	3124.8	2999.3	2896.0
30°	3594.8	3583.7	3577.0	3519.3	3483.8	3405.9	3344.8	3237.0	3134.9	3008.2	2902.6
31°	3602.7	3590.4	3585.9	3527.2	3489.3	3409.4	3348.2	3237.0	3132.7	3004.7	2897.0
32°	3596.0	3584.9	3581.5	3521.6	3482.6	3401.5	3339.3	3227.1	3120.4	2991.4	2881.4
33°	3580.5	3569.4	3567.2	3506.0	3467.1	3383.7	3322.6	3208.1	3099.4	2969.2	2859.2
34°	3551.6	3540.6	3540.6	3478.2	3438.2	3354.9	3293.7	3179.3	3067.1	2938.1	2826.9
35°	3508.2	3503.8	3499.4	3436.0	3396.0	3312.7	3251.5	3135.9	3023.7	2896.0	2782.5
36°	3455.0	3451.5	3447.1	3383.7	3342.5	3259.2	3200.5	3084.9	2971.4	2844.9	2732.5
37°	3391.6	3389.4	3385.9	3322.6	3281.6	3199.3	3139.3	3025.9	2912.5	2787.0	2674.8
38°	3314.9	3314.9	3311.5	3248.1	3207.2	3126.0	3068.1	2954.9	2842.7	2719.2	2609.2
39°	3223.7	3225.9	3223.7	3160.3	3119.4	3039.2	2983.8	2873.8	2761.6	2641.5	2542.6
40°	3123.8	3127.0	3126.0	3063.6	3022.7	2944.8	2891.5	2783.8	2683.6	2555.9	2460.2
42.5°	2840.5	2845.9	2847.1	2788.2	2749.2	2677.0	2629.2	2530.3	2426.0	2319.2	2232.4
45°	2516.0	2525.8	2528.0	2474.8	2439.3	2373.7	2333.7	2244.7	2167.0	2056.8	1981.4
47.5°	2152.5	2167.0	2172.5	2123.6	2089.1	2032.4	2002.6	1926.9	1859.0	1760.2	1696.8
50°	1724.7	1741.4	1728.1	1707.9	1679.0	1634.7	1616.9	1555.7	1483.5	1420.1	1375.7
51°	1539.0	1557.0	1566.8	1527.9	1503.5	1463.5	1450.2	1397.9	1333.6	1279.1	1241.3
52°	1356.7	1375.7	1385.8	1351.3	1330.1	1296.8	1288.9	1243.6	1186.8	1141.2	1110.2
53°	1185.6	1203.4	1192.3	1184.6	1165.6	1138.0	1133.6	1095.6	1046.8	1009.0	984.6
54°	1029.0	1044.6	1055.7	1030.0	1013.5	990.1	989.1	958.0	916.8	884.5	866.8
55°	889.0	903.5	913.4	892.4	877.9	857.9	857.9	832.2	798.0	771.1	757.8
57.5°	607.8	618.0	626.8	611.3	601.2	588.9	591.1	575.5	552.4	535.6	528.0
60°	401.2	408.8	414.5	404.4	399.0	391.1	393.3	383.4	375.6	357.8	354.6
61°	334.4	342.3	347.9	338.8	341.0	326.7	329.9	321.1	314.4	306.8	297.9
62°	276.7	283.3	287.8	280.1	282.3	270.0	273.5	266.8	261.1	253.2	246.6
63°	225.6	231.1	235.5	234.5	231.1	221.2	223.4	217.7	213.3	207.9	202.2
64°	183.5	187.9	191.1	191.1	187.9	179.0	181.2	175.6	173.4	167.7	163.2
65°	146.7	149.9	152.1	152.1	149.9	143.3	144.5	141.0	137.8	134.4	131.2
66°	115.7	118.9	121.1	121.1	118.9	113.4	114.4	111.2	109.0	105.5	103.3

Classified

Scaled Data Report

Cooper Lighting Solutions Photometric Lab

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Peachtree City, GA 30269



TEST NUMBER: P1192136

CATALOG NUMBER: LDA6A35927D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
72.5°	19.0	20.0	20.0	20.0	20.0	19.0	19.0	19.0	17.8	17.8	16.8
75°	10.1	10.1	10.1	10.1	10.1	10.1	10.1	8.9	8.9	8.9	8.9
77.5°	6.7	6.7	6.7	6.7	6.7	5.7	5.7	5.7	5.7	5.7	5.7
80°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	3.5	3.5	3.5	3.5
82.5°	2.2	3.5	3.5	3.5	3.5	2.2	2.2	2.2	3.5	2.2	2.2
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°	528.9	528.9	528.9	528.9	528.9	528.9	528.9	528.9	528.9	528.9	528.9
2.5°	663.3	657.9	656.7	649.0	636.7	643.4	629.1	629.1	623.4	621.2	611.3
5°	830.0	818.9	812.3	796.7	784.7	780.2	756.8	750.1	736.8	726.7	708.9
7.5°	1032.5	1011.3	995.7	971.3	947.9	936.8	901.3	884.5	862.3	842.4	814.5
10°	1255.6	1223.6	1197.9	1161.2	1125.7	1103.5	1054.7	1018.9	991.3	959.0	920.0
12.5°	1507.9	1462.5	1423.6	1371.3	1321.2	1286.7	1221.4	1170.1	1129.1	1083.5	1031.2
15°	1777.9	1716.8	1663.5	1593.5	1518.0	1476.8	1394.7	1326.9	1271.2	1210.3	1141.2
17.5°	2040.3	1962.4	1891.4	1804.6	1714.5	1645.7	1555.7	1470.2	1397.9	1318.0	1239.1
20°	2274.8	2180.4	2092.6	1989.2	1885.7	1800.1	1693.6	1591.3	1503.5	1411.2	1318.0
22.5°	2470.3	2360.4	2257.0	2140.2	2022.5	1923.7	1801.3	1685.7	1584.6	1481.3	1374.5
25°	2624.7	2502.7	2387.0	2257.0	2128.1	2018.1	1882.5	1754.7	1643.5	1530.1	1414.7
26°	2673.8	2545.8	2426.0	2286.9	2159.2	2044.7	1905.9	1773.5	1659.1	1543.4	1424.6
27°	2711.5	2579.1	2454.8	2314.7	2182.6	2064.7	1921.4	1786.8	1667.9	1550.3	1429.0
28°	2736.9	2601.5	2472.6	2330.3	2195.9	2074.8	1929.1	1791.2	1670.2	1551.3	1428.0
29°	2753.7	2613.6	2481.4	2339.2	2201.3	2077.0	1929.1	1789.0	1667.0	1545.6	1421.4
30°	2757.1	2614.9	2480.2	2336.0	2195.9	2070.4	1920.2	1779.2	1654.6	1533.5	1408.0
31°	2751.5	2604.7	2468.1	2324.9	2183.6	2054.6	1904.7	1763.6	1640.3	1516.8	1390.3
32°	2734.7	2587.0	2449.1	2304.6	2162.6	2033.6	1883.5	1740.2	1616.9	1494.6	1367.8
33°	2712.5	2561.3	2422.5	2278.0	2137.0	2007.0	1856.8	1714.5	1591.3	1468.0	1342.4
34°	2681.4	2529.3	2389.2	2246.9	2104.7	1974.7	1824.8	1683.5	1560.2	1437.9	1313.6
35°	2639.3	2485.9	2347.1	2207.0	2064.7	1935.7	1786.8	1647.0	1525.7	1404.6	1281.3
36°	2590.4	2439.3	2299.2	2160.4	2019.1	1891.4	1745.9	1606.8	1486.9	1366.9	1245.8
37°	2535.9	2384.8	2246.9	2110.3	1971.2	1844.7	1701.2	1564.6	1446.7	1327.9	1209.0
38°	2472.6	2322.6	2187.0	2053.6	1917.0	1792.5	1652.4	1518.0	1402.4	1285.7	1169.1
39°	2399.1	2252.6	2119.2	1990.2	1856.8	1734.8	1597.9	1467.0	1353.5	1240.1	1125.7
40°	2320.2	2178.1	2047.9	1922.4	1792.5	1673.6	1540.2	1413.5	1303.5	1192.3	1081.3
42.5°	2104.7	1971.2	1851.4	1739.2	1619.1	1509.1	1389.0	1272.4	1170.1	1068.0	965.6
45°	1867.9	1746.8	1639.1	1540.2	1431.2	1333.6	1225.8	1120.3	1027.8	934.6	843.3
47.5°	1600.1	1493.6	1400.1	1316.8	1222.4	1136.8	1044.6	953.6	872.4	791.3	711.2
50°	1299.0	1212.5	1139.0	1072.4	996.7	926.7	852.2	778.0	711.2	642.4	575.5
51°	1175.7	1097.8	1031.2	974.5	904.5	842.4	775.8	708.0	646.8	584.4	522.3
52°	1053.4	985.6	927.9	877.9	816.7	761.2	701.3	640.2	584.4	528.0	470.0
53°	936.8	877.9	827.8	785.6	732.4	683.3	630.0	576.8	525.7	474.4	422.2
54°	826.8	776.8	734.6	699.1	652.2	609.1	563.5	515.6	470.0	422.2	374.6
55°	724.5	682.3	646.8	616.7	576.8	539.0	500.1	457.9	416.7	373.3	336.6
57.5°	507.7	480.1	456.7	437.9	411.1	392.3	359.0	329.9	304.5	266.8	238.9
60°	342.3	323.3	309.0	297.9	280.1	270.0	246.6	225.6	208.9	181.2	161.0
61°	287.8	272.2	260.2	251.0	236.7	227.8	207.9	191.1	175.6	152.1	134.4
62°	238.9	225.6	221.2	208.9	196.8	190.1	173.4	158.8	146.7	125.5	111.2
63°	195.5	184.4	181.2	171.1	161.0	156.6	142.3	131.2	120.1	102.3	91.2
64°	157.8	148.9	146.7	138.8	131.2	126.7	115.7	105.5	96.7	82.1	73.2
65°	125.5	122.3	116.6	111.2	104.6	101.1	92.2	84.3	76.7	65.6	58.9
66°	98.9	96.7	91.2	86.8	81.1	78.9	71.0	65.6	59.9	51.0	46.6



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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°	15.5	15.5	14.5	14.5	12.3	12.3	11.1	10.1	10.1	8.9	8.9
75°	7.9	7.9	7.9	7.9	6.7	6.7	6.7	6.7	5.7	5.7	5.7
77.5°	5.7	5.7	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
80°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
82.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
85°	1.2	1.2	1.2	1.2	1.2	2.2	2.2	2.2	2.2	2.2	2.2
87.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	2.2	2.2	2.2
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: P1192136

CATALOG NUMBER: LDA6A35927D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	528.9	528.9	528.9	528.9	528.9	528.9	528.9	528.9	528.9	528.9	528.9
2.5°	607.8	597.7	593.3	590.1	583.4	577.8	570.1	565.7	555.6	556.8	544.5
5°	697.9	680.1	669.0	656.7	643.4	631.3	615.7	604.6	587.9	582.2	563.5
7.5°	793.5	765.7	746.7	724.5	703.5	682.3	657.9	638.9	616.7	602.4	576.8
10°	888.0	853.5	818.9	786.9	755.6	725.7	692.4	666.8	635.7	614.5	583.4
12.5°	985.6	934.6	892.4	850.0	807.8	768.9	726.7	691.2	651.2	624.6	586.6
15°	1082.3	1017.9	964.7	910.2	857.9	807.8	756.8	713.4	666.8	632.3	587.9
17.5°	1166.9	1090.2	1024.6	956.8	896.9	837.9	776.8	726.7	673.4	633.5	584.4
20°	1232.5	1144.7	1069.0	991.3	922.2	854.4	787.9	732.4	673.4	629.1	575.5
22.5°	1277.8	1182.4	1097.8	1013.5	936.8	864.5	791.3	732.4	670.0	622.4	568.9
25°	1309.2	1208.0	1116.8	1026.8	945.7	869.0	793.5	731.1	667.8	620.2	564.4
26°	1315.8	1212.5	1120.3	1027.8	945.7	868.0	791.3	728.9	665.5	618.0	562.2
27°	1318.0	1213.5	1119.0	1026.8	943.5	864.5	787.9	725.7	661.1	613.5	559.0
28°	1314.6	1210.3	1114.6	1021.1	937.8	857.9	781.2	719.1	654.5	607.8	552.4
29°	1306.9	1201.1	1105.7	1012.3	928.9	847.8	771.1	710.2	645.6	599.0	544.5
30°	1293.6	1187.8	1092.4	998.0	914.6	834.5	757.8	696.9	633.5	586.6	532.4
31°	1275.6	1171.3	1075.6	981.2	897.8	818.9	742.2	682.3	618.9	573.3	519.1
32°	1253.4	1152.3	1054.7	961.2	877.9	800.2	724.5	664.6	602.4	556.8	503.3
33°	1228.0	1129.1	1031.2	939.0	857.9	780.2	704.5	645.6	585.7	540.0	487.8
34°	1200.2	1103.5	1005.6	915.6	834.5	757.8	684.5	626.8	566.7	522.3	472.2
35°	1169.1	1074.6	978.0	888.0	810.1	734.6	662.3	605.6	546.7	503.3	454.5
36°	1135.8	1043.6	947.9	863.6	783.4	708.9	640.2	583.4	525.7	483.3	435.7
37°	1101.3	1011.3	917.8	835.7	756.8	684.5	616.7	561.2	505.5	464.6	417.7
38°	1063.5	976.7	884.5	805.6	727.9	657.9	591.1	537.8	484.6	444.6	399.0
39°	1023.4	935.6	850.0	773.3	697.9	630.0	565.7	514.4	461.1	423.4	379.0
40°	982.4	896.9	814.5	740.0	666.8	602.4	539.0	489.0	438.9	401.2	359.0
42.5°	875.6	798.0	721.3	654.5	585.7	526.7	469.0	423.4	377.8	344.5	306.8
45°	762.2	693.4	623.4	563.5	501.1	447.8	396.8	355.6	314.4	286.8	254.5
47.5°	646.8	580.0	519.1	465.6	415.5	364.5	321.1	285.6	252.3	230.1	206.6
50°	515.6	466.8	413.3	368.9	322.3	284.6	247.8	222.2	197.8	183.5	165.5
51°	466.8	421.2	372.4	331.2	287.8	253.2	222.2	200.0	179.0	166.7	151.2
52°	425.6	377.8	332.2	294.4	258.9	225.6	199.0	180.0	162.3	151.2	136.6
53°	375.6	337.8	295.7	261.1	228.8	200.0	177.8	161.0	145.5	136.6	124.5
54°	333.4	298.9	260.2	228.8	202.2	177.8	157.8	144.5	131.2	122.3	112.2
55°	293.4	266.8	226.6	200.0	177.8	156.6	141.0	129.0	116.6	110.0	100.1
57.5°	205.7	182.2	157.8	142.3	127.7	114.4	103.3	94.4	86.8	82.1	74.5
60°	136.6	122.3	107.8	97.9	89.0	81.1	73.2	66.6	61.2	58.9	53.3
61°	114.4	103.3	91.2	84.3	76.7	68.8	62.1	57.7	53.3	51.0	46.6
62°	97.9	86.8	76.7	71.0	64.4	58.9	53.3	48.8	45.6	43.4	39.9
63°	79.9	72.3	64.4	59.9	54.5	48.8	45.6	41.2	39.0	36.7	33.3
64°	65.6	58.9	53.3	48.8	45.6	39.9	37.7	34.5	31.1	31.1	27.9
65°	53.3	47.8	43.4	39.9	36.7	33.3	31.1	27.9	25.6	24.4	22.2
66°	42.2	37.7	34.5	32.3	28.9	26.6	24.4	22.2	20.0	20.0	17.8



TEST NUMBER: P1192136

CATALOG NUMBER: LDA6A35927D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
72.5°	7.9	7.9	7.9	6.7	6.7	6.7	6.7	5.7	5.7	5.7	5.7
75°	5.7	5.7	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
77.5°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
80°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
82.5°	2.2	2.2	2.2	2.2	2.2	3.5	3.5	3.5	3.5	3.5	3.5
85°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	3.5	3.5
87.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
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: P1192136

CATALOG NUMBER: LDA6A35927D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
0°	528.9	528.9	528.9	528.9	528.9	528.9	528.9	528.9
2.5°	541.3	539.0	525.7	521.3	475.7	436.7	421.2	411.1
5°	554.6	545.7	526.7	517.8	432.3	371.1	343.3	331.2
7.5°	562.2	546.7	521.3	507.7	390.1	316.6	282.3	270.0
10°	561.2	541.3	511.2	492.2	351.1	272.2	237.7	225.6
12.5°	560.0	534.6	500.1	476.7	318.8	239.9	204.4	193.3
15°	556.8	525.7	487.8	461.1	291.2	213.3	181.2	171.1
17.5°	547.9	514.4	472.2	443.4	267.8	193.3	165.5	155.6
20°	536.8	500.1	457.9	427.8	253.2	185.7	162.3	155.6
22.5°	528.0	490.0	447.8	419.0	257.7	208.9	207.9	212.3
25°	524.5	487.8	445.6	419.0	280.1	252.3	266.8	274.5
26°	522.3	486.8	445.6	419.0	286.8	263.4	276.7	285.6
27°	519.1	483.3	443.4	416.7	290.0	269.0	281.1	287.8
28°	513.4	477.9	437.9	413.3	290.0	269.0	278.9	284.6
29°	505.5	471.2	431.3	406.6	286.8	264.6	272.2	276.7
30°	494.4	460.1	421.2	396.8	278.9	257.7	262.4	265.6
31°	481.1	447.8	408.8	385.7	271.2	248.8	252.3	254.5
32°	466.8	433.5	395.5	373.3	261.1	238.9	241.2	242.2
33°	451.3	419.0	382.2	360.0	252.3	230.1	230.1	231.1
34°	435.7	403.4	370.1	346.7	243.4	222.2	220.0	221.2
35°	419.9	387.9	355.6	333.4	234.5	213.3	211.1	211.1
36°	402.2	371.1	340.0	318.8	225.6	206.6	202.2	202.2
37°	385.7	355.6	325.5	304.5	215.5	199.0	194.6	193.3
38°	367.9	338.8	310.0	290.0	206.6	191.1	186.7	185.7
39°	350.2	322.3	294.4	275.7	197.8	183.5	180.0	177.8
40°	331.2	304.5	278.9	260.2	188.9	174.6	172.4	169.9
42.5°	282.3	258.9	237.7	224.4	166.7	153.4	149.9	151.2
45°	234.5	216.8	200.0	191.1	144.5	132.2	129.0	129.0
47.5°	192.3	179.0	167.7	158.8	121.1	110.0	106.8	102.3
50°	155.6	145.5	136.6	131.2	100.1	89.0	82.1	77.7
51°	142.3	133.4	125.5	120.1	91.2	79.9	72.3	67.8
52°	129.0	121.1	114.4	110.0	82.1	71.0	63.4	58.9
53°	116.6	110.0	104.6	100.1	74.5	63.4	55.5	51.0
54°	105.5	98.9	94.4	90.0	66.6	55.5	46.6	43.4
55°	95.7	89.0	85.6	81.1	58.9	47.8	39.0	36.7
57.5°	71.0	66.6	64.4	61.2	43.4	31.1	23.4	20.0
60°	51.0	47.8	46.6	44.4	27.9	16.8	12.3	10.1
61°	44.4	42.2	39.9	37.7	22.2	13.3	10.1	8.9
62°	37.7	35.5	33.3	32.3	17.8	11.1	8.9	7.9
63°	31.1	30.1	27.9	26.6	14.5	8.9	7.9	6.7
64°	25.6	24.4	22.2	21.2	12.3	7.9	6.7	5.7
65°	21.2	20.0	17.8	16.8	10.1	6.7	5.7	4.4
66°	16.8	15.5	14.5	13.3	8.9	6.7	4.4	4.4



TEST NUMBER: P1192136

CATALOG NUMBER: LDA6A35927D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
72.5°	5.7	5.7	4.4	4.4	4.4	4.4	4.4	3.5
75°	4.4	4.4	4.4	4.4	4.4	4.4	3.5	3.5
77.5°	3.5	3.5	3.5	3.5	4.4	3.5	3.5	3.5
80°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	2.2
82.5°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	2.2
85°	3.5	3.5	3.5	3.5	3.5	3.5	2.2	2.2
87.5°	2.2	3.5	3.5	3.5	3.5	2.2	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°

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1121 Highway 74 South

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°	79.9	82.1	83.3	83.3	82.1	77.7	78.9	76.7	74.5	72.3	70.0
70°	39.9	41.2	42.2	42.2	41.2	39.0	39.9	39.0	37.7	36.7	34.5

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67.5°	67.8	65.6	62.1	58.9	54.5	53.3	47.8	43.4	39.9	34.5	32.3
70°	33.3	32.3	30.1	27.9	26.6	25.6	22.2	21.2	19.0	16.8	15.5

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Peachtree City, GA 30269

Scaled Data Report



67.5°	28.9	25.6	23.4	22.2	20.0	19.0	17.8	15.5	14.5	14.5	13.3
70°	14.5	13.3	12.3	12.3	11.1	10.1	10.1	8.9	8.9	8.9	7.9

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Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report



67.5°	12.3	12.3	11.1	10.1	6.7	5.7	4.4	4.4
70°	7.9	7.9	6.7	6.7	5.7	4.4	4.4	3.5

Classified

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report



(END OF REPORT)