

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: P1192157

Luminaire Tested: **LDA6A35940D010TE LAR35FL 6LLWW1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-41-14
Report Number: P1192157
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: LDA6A35940D010TE LAR35FL 6LLWW1
Description: PORTFOLIO 6" Lensed Wall Wash, Self-flanged, 35° Flood Optic, at 30° tilt
Light Source: (1) HIGH LUMEN LED 90CRI / 4000K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

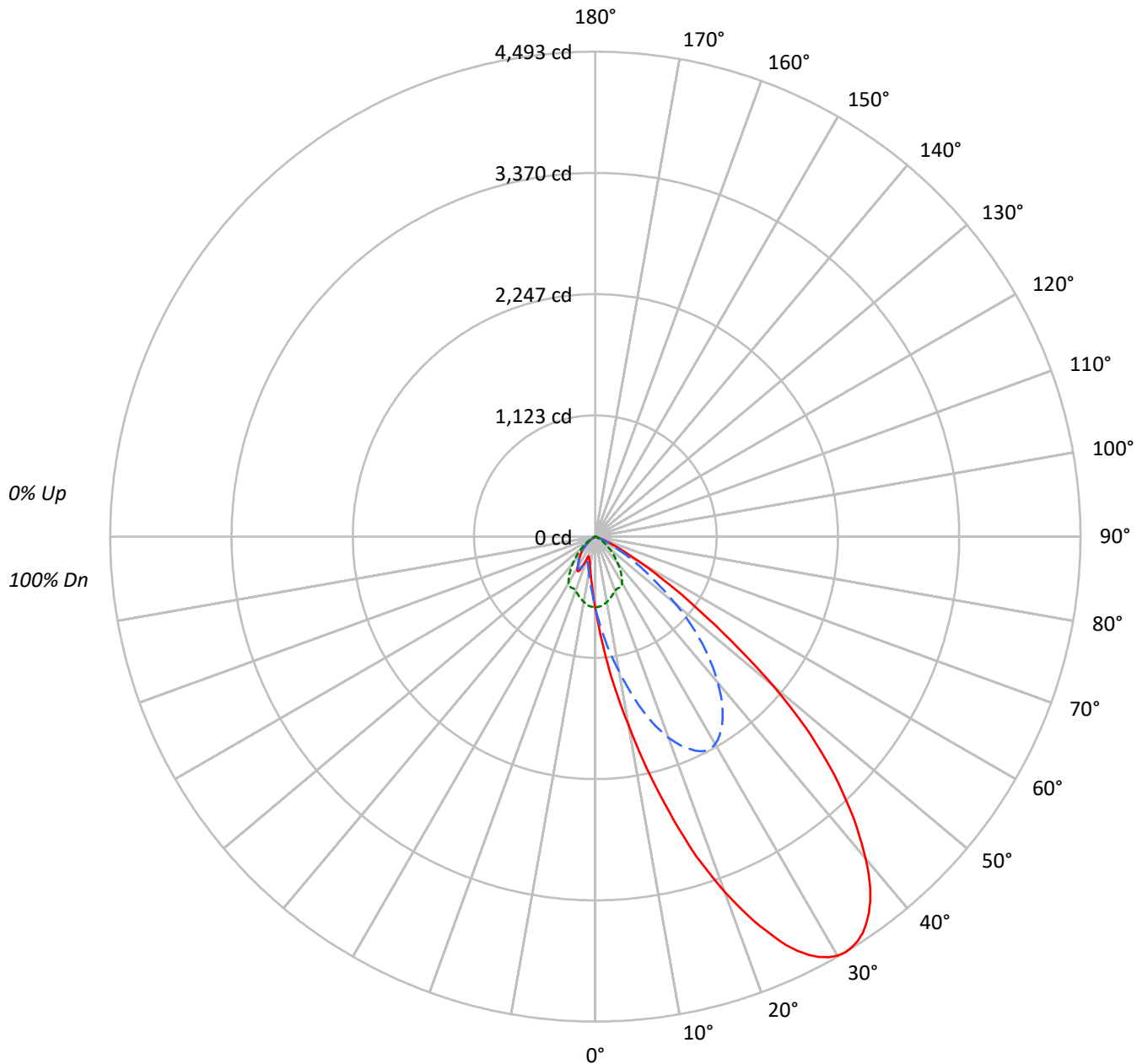
Lumens per Lamp: N/A
Luminaire Lumens: 2792.9 lumens
Efficiency: N/A
Efficacy: 58.6 lumens/watt
Spacing Criteria (0/90/45): 2.33 / 1.13 / 1.63
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 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°	36159	36159	36159
5°	61551	35538	22727
10°	98835	34179	15664
15°	149774	32651	12117
20°	204494	31129	11323
25°	252432	31605	20705
30°	283828	31328	20965
35°	292842	27827	17628
40°	278815	23208	15178
45°	243273	18490	12466
50°	183448	13944	8264
55°	105984	9663	4358
60°	54853	6085	1381
65°	23738	2685	700
70°	7982	1346	673
75°	2669	1144	890
80°	1705	1326	852
85°	943	2642	1698

TEST NUMBER: P1192157

CATALOG NUMBER: LDA6A35940D010TE LAR35FL 6LLWW1

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	70.8	2.5
10°-20°	284.9	10.2
20°-30°	606.8	21.7
30°-40°	787.8	28.2
40°-50°	660.7	23.7
50°-60°	304.7	10.9
60°-70°	65.8	2.4
70°-80°	8.5	0.3
80°-90°	3.0	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°	962.5	34.5
0°-40°	1750.2	62.7
0°-60°	2715.6	97.2
0°-90°	2792.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2792.9	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	660	660	660	660	660	
5°	1118	936	646	463	413	127
15°	2639	1655	575	266	214	775
25°	4173	2188	522	315	342	1915
35°	4376	2054	416	266	263	2702
45°	3138	1397	238	165	161	2380
55°	1109	571	101	60	46	1054
65°	183	105	21	8	5	210
75°	13	8	5	5	4	19
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°	659.6	659.6	659.6	659.6	659.6	659.6	659.6	659.6	659.6	659.6	659.6
2.5°	853.7	841.4	852.5	852.5	845.6	839.9	849.8	837.2	844.1	831.5	831.5
5°	1118.5	1086.7	1101.8	1100.5	1088.0	1090.9	1086.7	1068.7	1072.7	1053.4	1047.8
7.5°	1429.0	1395.7	1412.5	1408.3	1390.3	1388.8	1381.9	1352.8	1352.8	1323.7	1308.4
10°	1775.5	1750.5	1770.0	1761.6	1739.5	1729.8	1718.7	1678.5	1670.2	1625.8	1600.9
12.5°	2194.2	2181.6	2160.9	2147.1	2137.2	2121.9	2102.7	2049.9	2030.4	1971.0	1932.0
15°	2639.0	2633.3	2609.9	2612.6	2575.1	2530.8	2541.9	2454.6	2421.3	2343.8	2291.1
17.5°	3100.6	3083.9	3061.7	3031.3	3011.9	2959.1	2935.7	2853.8	2805.2	2708.3	2643.2
20°	3505.3	3498.4	3478.9	3440.2	3411.1	3351.4	3313.9	3219.7	3151.9	3038.2	2959.1
22.5°	3865.6	3854.5	3836.5	3789.4	3754.8	3684.1	3637.0	3528.7	3445.6	3316.6	3221.2
25°	4173.3	4152.6	4137.3	4080.3	4043.1	3959.8	3904.5	3783.9	3685.5	3542.8	3431.8
26°	4269.0	4251.0	4237.2	4177.5	4137.3	4050.0	3991.8	3865.6	3760.3	3614.8	3496.9
27°	4347.9	4332.6	4321.5	4259.4	4216.2	4126.2	4062.3	3934.9	3822.7	3673.0	3550.9
28°	4410.3	4396.5	4385.4	4320.3	4275.9	4182.9	4115.1	3984.9	3867.0	3713.2	3588.4
29°	4456.1	4442.1	4434.0	4364.7	4320.3	4224.6	4153.8	4019.4	3897.4	3740.8	3612.1
30°	4483.8	4470.0	4461.6	4389.6	4345.2	4248.3	4171.8	4037.4	3909.9	3751.9	3620.2
31°	4493.4	4478.3	4472.7	4399.2	4352.1	4252.2	4176.0	4037.4	3907.2	3747.7	3613.3
32°	4485.2	4471.2	4467.2	4392.3	4343.7	4242.6	4164.9	4025.1	3891.9	3731.2	3594.1
33°	4465.8	4452.0	4449.2	4372.8	4324.5	4220.4	4144.2	4001.4	3865.6	3703.5	3566.2
34°	4429.8	4416.0	4416.0	4338.3	4288.5	4184.4	4108.2	3965.4	3825.4	3664.6	3526.0
35°	4375.8	4370.1	4364.7	4285.5	4235.7	4131.6	4055.4	3911.4	3771.4	3612.1	3470.5
36°	4309.2	4305.0	4299.6	4220.4	4169.1	4065.3	3991.8	3847.6	3706.3	3548.2	3408.1
37°	4230.0	4227.3	4223.1	4144.2	4092.9	3990.3	3915.6	3774.1	3632.8	3476.2	3336.1
38°	4134.6	4134.6	4130.4	4051.2	4000.0	3898.8	3826.8	3685.5	3545.5	3391.6	3254.3
39°	4020.9	4023.6	4020.9	3941.8	3890.5	3790.8	3721.6	3584.2	3444.4	3294.5	3171.2
40°	3896.1	3900.3	3898.8	3821.2	3769.9	3673.0	3606.4	3472.0	3347.2	3187.9	3068.6
42.5°	3542.8	3549.7	3550.9	3477.4	3429.1	3338.8	3279.4	3155.9	3025.7	2892.5	2784.5
45°	3137.9	3150.4	3153.2	3086.6	3042.4	2960.6	2910.8	2799.8	2702.6	2565.5	2471.3
47.5°	2684.6	2702.6	2709.8	2648.6	2605.7	2535.0	2497.7	2403.3	2318.7	2195.4	2116.5
50°	2151.0	2172.0	2155.2	2130.3	2094.3	2038.8	2016.6	1940.4	1850.4	1771.3	1715.8
51°	1919.7	1941.9	1954.2	1905.9	1875.3	1825.5	1808.7	1743.6	1663.3	1595.2	1548.1
52°	1692.4	1715.8	1728.4	1685.4	1659.1	1617.4	1607.8	1551.1	1480.3	1423.3	1384.6
53°	1478.8	1501.0	1487.2	1477.6	1453.9	1419.4	1413.7	1366.6	1305.7	1258.6	1228.0
54°	1283.5	1302.7	1316.8	1284.7	1264.0	1234.9	1233.4	1194.7	1143.4	1103.2	1081.1
55°	1108.9	1126.9	1139.2	1112.9	1094.9	1070.0	1070.0	1038.1	995.2	962.0	945.2
57.5°	758.3	770.6	781.7	762.2	749.9	734.6	737.3	718.1	689.0	668.0	658.4
60°	500.3	510.0	517.1	504.5	497.6	487.8	490.7	478.1	468.5	446.3	442.1
61°	417.2	426.8	433.8	422.7	425.6	407.4	411.6	400.5	392.3	382.5	371.4
62°	345.2	353.4	359.0	349.2	352.1	336.8	341.0	332.7	325.7	316.1	307.7
63°	281.4	288.3	293.9	292.5	288.3	275.9	278.6	271.7	266.1	259.2	252.3
64°	228.6	234.3	238.5	238.5	234.3	223.2	225.9	219.0	216.3	209.4	203.7
65°	183.0	187.2	189.9	189.9	187.2	178.8	180.3	176.1	171.9	167.7	163.5
66°	144.3	148.2	151.2	151.2	148.2	141.3	142.8	138.6	135.9	131.7	129.0



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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°	23.7	24.9	24.9	24.9	24.9	23.7	23.7	23.7	22.2	22.2	20.7
75°	12.6	12.6	12.6	12.6	12.6	12.6	12.6	11.1	11.1	11.1	11.1
77.5°	8.4	8.4	8.4	8.4	8.4	6.9	6.9	6.9	6.9	6.9	6.9
80°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	4.2	4.2	4.2	4.2
82.5°	2.7	4.2	4.2	4.2	4.2	2.7	2.7	2.7	4.2	2.7	2.7
85°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5	1.5
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°	659.6	659.6	659.6	659.6	659.6	659.6	659.6	659.6	659.6	659.6	659.6
2.5°	827.6	820.4	819.2	809.6	794.3	802.4	784.4	784.4	777.5	774.8	762.2
5°	1035.4	1021.4	1013.2	993.8	978.5	973.0	944.0	935.6	919.0	906.5	884.3
7.5°	1287.7	1261.3	1241.8	1211.5	1182.2	1168.3	1124.0	1103.2	1075.6	1050.7	1016.0
10°	1566.1	1525.9	1494.1	1448.5	1404.1	1376.2	1315.3	1270.9	1236.4	1196.2	1147.6
12.5°	1880.7	1824.0	1775.5	1710.4	1648.0	1605.1	1523.2	1459.6	1408.3	1351.3	1286.2
15°	2217.6	2141.4	2074.8	1987.5	1893.3	1842.0	1739.5	1654.9	1585.6	1509.4	1423.3
17.5°	2544.8	2447.7	2358.9	2250.9	2138.7	2052.6	1940.4	1833.6	1743.6	1643.8	1545.4
20°	2837.3	2719.4	2609.9	2481.0	2352.0	2245.5	2112.3	1984.8	1875.3	1760.2	1643.8
22.5°	3081.2	2943.8	2815.1	2669.6	2522.6	2399.1	2246.7	2102.7	1976.4	1847.5	1714.5
25°	3273.7	3121.3	2977.1	2815.1	2654.3	2517.0	2348.0	2188.5	2049.9	1908.6	1764.4
26°	3334.6	3175.4	3025.7	2852.3	2693.0	2550.2	2377.1	2212.2	2069.4	1925.1	1776.9
27°	3382.0	3217.0	3061.7	2887.1	2722.1	2575.1	2396.4	2228.7	2080.5	1933.5	1782.4
28°	3413.8	3244.6	3083.9	2906.6	2738.9	2587.7	2406.2	2234.4	2083.2	1935.0	1781.1
29°	3434.5	3259.9	3095.0	2917.7	2745.8	2590.4	2406.2	2231.4	2079.0	1927.8	1772.7
30°	3438.7	3261.4	3093.5	2913.5	2738.9	2582.1	2395.1	2219.1	2063.7	1912.8	1756.0
31°	3431.8	3248.8	3078.4	2899.7	2723.6	2562.8	2375.7	2199.6	2045.7	1891.8	1734.0
32°	3411.1	3226.6	3054.8	2874.5	2697.2	2536.4	2349.3	2170.5	2016.6	1864.2	1706.2
33°	3383.2	3194.8	3021.5	2841.2	2665.4	2503.1	2316.0	2138.7	1984.8	1830.9	1674.4
34°	3344.5	3154.6	2980.1	2802.5	2625.2	2463.0	2275.8	2099.7	1946.1	1793.5	1638.4
35°	3291.7	3100.6	2927.3	2752.7	2575.1	2414.4	2228.7	2054.1	1902.9	1752.0	1598.2
36°	3230.8	3042.4	2867.6	2694.5	2518.4	2358.9	2177.4	2004.3	1854.6	1704.7	1553.8
37°	3163.0	2974.4	2802.5	2632.1	2458.8	2300.7	2121.9	1951.5	1804.6	1656.4	1507.9
38°	3083.9	2896.7	2727.8	2561.3	2390.9	2235.6	2061.0	1893.3	1749.1	1603.6	1458.1
39°	2992.4	2809.4	2643.2	2482.4	2316.0	2163.6	1993.2	1829.5	1688.2	1546.9	1404.1
40°	2894.0	2716.7	2554.4	2397.8	2235.6	2087.4	1920.9	1763.1	1625.8	1487.2	1348.6
42.5°	2625.2	2458.8	2309.1	2169.0	2019.3	1882.2	1732.5	1587.1	1459.6	1332.1	1204.4
45°	2329.8	2178.9	2044.5	1920.9	1785.3	1663.3	1528.9	1397.2	1282.0	1165.6	1052.0
47.5°	1995.9	1862.7	1746.4	1642.5	1524.7	1417.9	1302.7	1189.3	1088.0	986.9	887.0
50°	1620.3	1512.1	1420.6	1337.5	1243.3	1156.0	1063.1	970.3	887.0	801.2	718.1
51°	1466.5	1369.3	1286.2	1215.4	1128.2	1050.7	967.4	882.8	806.6	729.2	651.5
52°	1313.8	1229.5	1157.3	1094.9	1018.7	949.4	874.7	798.5	729.2	658.4	586.4
53°	1168.3	1094.9	1032.5	980.0	913.4	852.5	785.9	719.3	655.7	591.8	526.7
54°	1031.2	968.9	916.1	871.7	813.5	759.5	702.8	643.1	586.4	526.7	467.0
55°	903.8	851.0	806.6	769.4	719.3	672.2	623.6	571.1	519.8	465.8	419.9
57.5°	633.5	598.7	569.6	546.2	512.9	489.2	447.6	411.6	379.8	332.7	297.9
60°	426.8	403.4	385.4	371.4	349.2	336.8	307.7	281.4	260.6	225.9	201.0
61°	359.0	339.6	324.3	313.2	295.2	284.1	259.2	238.5	219.0	189.9	167.7
62°	297.9	281.4	275.9	260.6	245.4	237.0	216.3	198.3	183.0	156.6	138.6
63°	243.9	230.1	225.9	213.5	201.0	195.5	177.3	163.5	149.7	127.5	113.7
64°	196.8	185.7	183.0	173.4	163.5	158.1	144.3	131.7	120.6	102.6	91.5
65°	156.6	152.4	145.5	138.6	130.2	126.0	115.2	105.3	95.7	81.9	73.5
66°	123.3	120.6	113.7	108.0	101.1	98.4	88.8	81.9	75.0	63.9	58.2



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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°	19.5	19.5	18.0	18.0	15.3	15.3	13.8	12.6	12.6	11.1	11.1
75°	9.6	9.6	9.6	9.6	8.4	8.4	8.4	8.4	6.9	6.9	6.9
77.5°	6.9	6.9	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
80°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
82.5°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
85°	1.5	1.5	1.5	1.5	1.5	2.7	2.7	2.7	2.7	2.7	2.7
87.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.7	2.7	2.7
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: P1192157

CATALOG NUMBER: LDA6A35940D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	659.6	659.6	659.6	659.6	659.6	659.6	659.6	659.6	659.6	659.6	659.6
2.5°	758.3	745.7	740.0	736.1	727.7	720.8	710.9	705.5	692.9	694.4	679.1
5°	870.5	848.3	834.5	819.2	802.4	787.4	767.9	754.1	733.1	726.2	702.8
7.5°	989.6	955.0	931.4	903.8	877.4	851.0	820.4	797.0	769.4	751.1	719.3
10°	1107.4	1064.5	1021.4	981.2	942.5	905.0	863.6	831.5	792.8	766.4	727.7
12.5°	1229.5	1165.6	1112.9	1060.3	1007.6	959.2	906.5	862.1	812.3	779.0	731.9
15°	1350.1	1269.7	1203.1	1135.1	1070.0	1007.6	944.0	889.9	831.5	788.6	733.1
17.5°	1455.4	1359.7	1277.8	1193.3	1118.5	1045.1	968.9	906.5	839.9	790.1	729.2
20°	1537.0	1427.5	1333.3	1236.4	1150.3	1065.8	982.7	913.4	839.9	784.4	718.1
22.5°	1594.0	1474.6	1369.3	1264.0	1168.3	1078.3	986.9	913.4	835.7	776.3	709.7
25°	1632.7	1506.7	1393.0	1280.8	1179.4	1083.8	989.6	911.9	833.0	773.3	704.0
26°	1641.1	1512.1	1397.2	1282.0	1179.4	1082.5	986.9	909.2	830.3	770.6	701.3
27°	1643.8	1513.6	1395.7	1280.8	1176.7	1078.3	982.7	905.0	824.6	765.2	697.1
28°	1639.6	1509.4	1390.3	1273.6	1169.8	1070.0	974.3	896.9	816.5	758.3	689.0
29°	1630.0	1498.3	1379.2	1262.5	1158.7	1057.6	962.0	885.8	805.4	747.2	679.1
30°	1613.4	1481.8	1362.4	1244.5	1140.7	1040.9	945.2	869.0	790.1	731.9	663.8
31°	1591.3	1460.8	1341.7	1223.8	1120.0	1021.4	925.9	851.0	772.1	715.1	647.3
32°	1563.4	1437.4	1315.3	1198.9	1094.9	998.0	903.8	828.8	751.1	694.4	627.8
33°	1531.6	1408.3	1286.2	1171.3	1070.0	973.0	878.8	805.4	730.4	673.7	608.6
34°	1496.8	1376.2	1254.4	1142.0	1040.9	945.2	853.7	781.7	707.0	651.5	589.1
35°	1458.1	1340.2	1219.6	1107.4	1010.5	916.1	826.1	755.3	681.8	627.8	566.9
36°	1416.4	1301.5	1182.2	1076.9	977.2	884.3	798.5	727.7	655.7	602.9	543.2
37°	1373.5	1261.3	1144.9	1042.3	944.0	853.7	769.4	699.8	630.5	579.2	521.0
38°	1326.4	1218.4	1103.2	1004.9	907.9	820.4	737.3	670.7	604.4	554.3	497.6
39°	1276.6	1167.1	1060.3	964.7	870.5	785.9	705.5	641.6	575.3	528.0	472.7
40°	1225.3	1118.5	1016.0	923.0	831.5	751.1	672.2	609.8	547.4	500.3	447.6
42.5°	1092.2	995.2	899.6	816.5	730.4	656.9	584.9	528.0	471.2	429.6	382.5
45°	950.9	864.8	777.5	702.8	625.1	558.5	494.9	443.6	392.3	357.6	317.4
47.5°	806.6	723.5	647.3	580.7	518.3	454.7	400.5	356.3	314.6	286.8	257.7
50°	643.1	582.2	515.6	460.1	401.9	354.8	309.0	277.2	246.6	228.6	206.4
51°	582.2	525.2	464.3	413.0	359.0	316.1	277.2	249.6	223.2	207.9	188.4
52°	530.9	471.2	414.5	367.2	323.0	281.4	248.1	224.6	202.5	188.4	170.4
53°	468.5	421.4	368.7	325.7	285.6	249.6	221.7	201.0	181.5	170.4	155.4
54°	415.8	372.8	324.3	285.6	252.3	221.7	196.8	180.3	163.5	152.4	140.1
55°	365.9	332.7	282.8	249.6	221.7	195.5	176.1	160.8	145.5	137.1	124.8
57.5°	256.5	227.4	196.8	177.3	159.3	142.8	129.0	117.9	108.0	102.6	93.0
60°	170.4	152.4	134.4	122.1	111.0	101.1	91.5	83.1	76.2	73.5	66.6
61°	142.8	129.0	113.7	105.3	95.7	85.8	77.7	72.0	66.6	63.9	58.2
62°	122.1	108.0	95.7	88.8	80.4	73.5	66.6	60.9	56.7	54.0	49.8
63°	99.9	90.0	80.4	75.0	67.8	60.9	56.7	51.3	48.6	45.6	41.7
64°	81.9	73.5	66.6	60.9	56.7	49.8	47.1	42.9	38.7	38.7	34.8
65°	66.6	59.7	54.0	49.8	45.6	41.7	38.7	34.8	31.8	30.6	27.6
66°	52.8	47.1	42.9	40.2	36.0	33.3	30.6	27.6	24.9	24.9	22.2

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Scaled Data Report

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P1192157

CATALOG NUMBER: LDA6A35940D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
72.5°	9.6	9.6	9.6	8.4	8.4	8.4	8.4	6.9	6.9	6.9	6.9
75°	6.9	6.9	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
77.5°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
80°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
82.5°	2.7	2.7	2.7	2.7	2.7	4.2	4.2	4.2	4.2	4.2	4.2
85°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	4.2	4.2
87.5°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
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: P1192157

CATALOG NUMBER: LDA6A35940D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
0°	659.6	659.6	659.6	659.6	659.6	659.6	659.6	659.6
2.5°	674.9	672.2	655.7	650.0	593.3	544.7	525.2	512.9
5°	691.7	680.6	656.9	645.8	539.0	462.9	428.3	413.0
7.5°	701.3	681.8	650.0	633.5	486.5	395.0	352.1	336.8
10°	699.8	674.9	637.7	614.0	437.9	339.6	296.6	281.4
12.5°	698.6	666.8	623.6	594.5	397.8	299.4	255.0	241.2
15°	694.4	655.7	608.6	575.3	363.2	266.1	225.9	213.5
17.5°	683.3	641.6	589.1	553.1	334.1	241.2	206.4	194.1
20°	669.5	623.6	571.1	533.6	316.1	231.5	202.5	194.1
22.5°	658.4	611.3	558.5	522.5	321.6	260.6	259.2	264.8
25°	654.2	608.6	555.8	522.5	349.2	314.6	332.7	342.3
26°	651.5	607.1	555.8	522.5	357.6	328.5	345.2	356.3
27°	647.3	602.9	553.1	519.8	361.7	335.4	350.7	359.0
28°	640.4	596.0	546.2	515.6	361.7	335.4	347.9	354.8
29°	630.5	587.6	537.8	507.2	357.6	329.9	339.6	345.2
30°	616.7	573.8	525.2	494.9	347.9	321.6	327.0	331.2
31°	600.2	558.5	510.0	480.9	338.1	310.5	314.6	317.4
32°	582.2	540.5	493.4	465.8	325.7	297.9	300.8	302.1
33°	562.7	522.5	476.9	449.0	314.6	286.8	286.8	288.3
34°	543.2	503.0	461.6	432.5	303.6	277.2	274.5	275.9
35°	524.0	483.8	443.6	415.8	292.5	266.1	263.4	263.4
36°	501.8	462.9	424.1	397.8	281.4	257.7	252.3	252.3
37°	480.9	443.6	406.1	379.8	268.8	248.1	242.6	241.2
38°	458.7	422.7	386.7	361.7	257.7	238.5	232.8	231.5
39°	436.7	401.9	367.2	343.7	246.6	228.6	224.6	221.7
40°	413.0	379.8	347.9	324.3	235.7	217.5	214.8	212.1
42.5°	352.1	323.0	296.6	279.9	207.9	191.4	187.2	188.4
45°	292.5	270.3	249.6	238.5	180.3	165.0	160.8	160.8
47.5°	239.7	223.2	209.4	198.3	151.2	137.1	133.2	127.5
50°	194.1	181.5	170.4	163.5	124.8	111.0	102.6	96.9
51°	177.3	166.2	156.6	149.7	113.7	99.9	90.0	84.6
52°	160.8	151.2	142.8	137.1	102.6	88.8	78.9	73.5
53°	145.5	137.1	130.2	124.8	93.0	78.9	69.3	63.9
54°	131.7	123.3	117.9	112.2	83.1	69.3	58.2	54.0
55°	119.1	111.0	106.8	101.1	73.5	59.7	48.6	45.6
57.5°	88.8	83.1	80.4	76.2	54.0	38.7	29.1	24.9
60°	63.9	59.7	58.2	55.5	34.8	20.7	15.3	12.6
61°	55.5	52.8	49.8	47.1	27.6	16.5	12.6	11.1
62°	47.1	44.4	41.7	40.2	22.2	13.8	11.1	9.6
63°	38.7	37.5	34.8	33.3	18.0	11.1	9.6	8.4
64°	31.8	30.6	27.6	26.4	15.3	9.6	8.4	6.9
65°	26.4	24.9	22.2	20.7	12.6	8.4	6.9	5.4
66°	20.7	19.5	18.0	16.5	11.1	8.4	5.4	5.4



TEST NUMBER: P1192157

CATALOG NUMBER: LDA6A35940D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
72.5°	6.9	6.9	5.4	5.4	5.4	5.4	5.4	4.2
75°	5.4	5.4	5.4	5.4	5.4	5.4	4.2	4.2
77.5°	4.2	4.2	4.2	4.2	5.4	4.2	4.2	4.2
80°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	2.7
82.5°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	2.7
85°	4.2	4.2	4.2	4.2	4.2	4.2	2.7	2.7
87.5°	2.7	4.2	4.2	4.2	4.2	2.7	1.5	1.5
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

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



— 0°-180° - - 45°-225° - - - 90°-270°

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Cooper Lighting Solutions Photometric Lab

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



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

Scaled Data Report



67.5°	99.9	102.6	104.1	104.1	102.6	96.9	98.4	95.7	93.0	90.0	87.3
70°	49.8	51.3	52.8	52.8	51.3	48.6	49.8	48.6	47.1	45.6	42.9

Classified

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report





67.5°	84.6	81.9	77.7	73.5	67.8	66.6	59.7	54.0	49.8	42.9	40.2
70°	41.7	40.2	37.5	34.8	33.3	31.8	27.6	26.4	23.7	20.7	19.5

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Cooper Lighting Solutions Photometric Lab

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°	36.0	31.8	29.1	27.6	24.9	23.7	22.2	19.5	18.0	18.0	16.5
70°	18.0	16.5	15.3	15.3	13.8	12.6	12.6	11.1	11.1	11.1	9.6

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Cooper Lighting Solutions Photometric Lab

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°	15.3	15.3	13.8	12.6	8.4	6.9	5.4	5.4
70°	9.6	9.6	8.4	8.4	6.9	5.4	5.4	4.2

Classified

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report



(END OF REPORT)