

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: P1219595

Luminaire Tested: **LDSQA6A20950D010TE LAR35FL 6LSQA1H 30°**

Issue Date: 3/3/2020



Test Information

Test Method: LM-41-14
Report Number: P1219595
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29058)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: io LED
Catalog Number: LDSQA6A20950D010TE LAR35FL 6LSQA1H 30°
Description: PORTFOLIO 6" SQUARE ADJUSTABLE REFLECTOR, ANGLE-CUT TRIM,
SELF-FLANGED, 35° FLOOD, 30° Tilt
Light Source: (1) HIGH LUMEN LED 90CRI / 5000K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

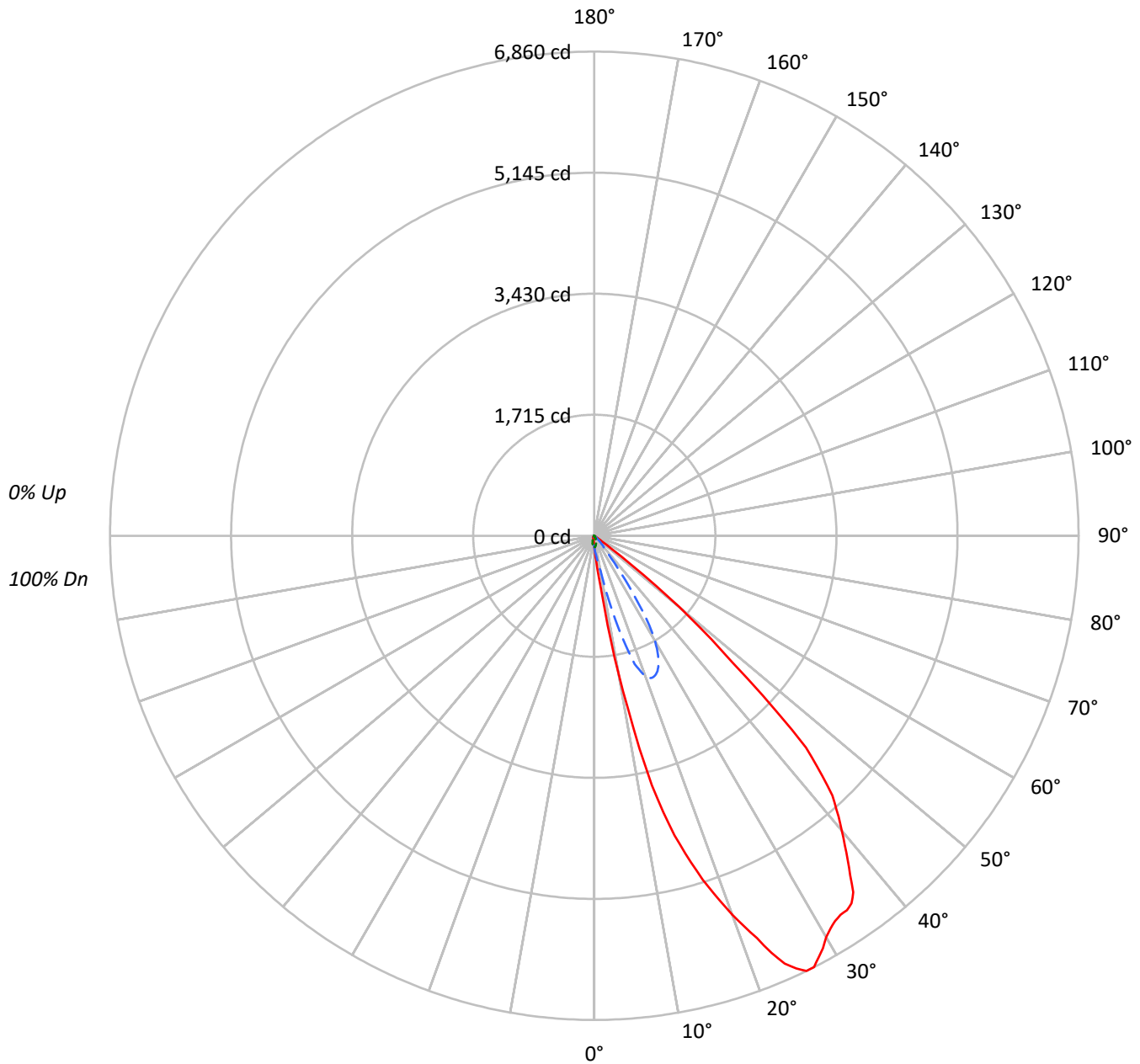
Lumens per Lamp: N/A
Luminaire Lumens: 2050.8 lumens
Efficiency: N/A
Efficacy: 82.7 lumens/watt
Spacing Criteria (0/90/45): 2.55 / 0.56 / 1.24
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 24.8
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

TEST NUMBER: P1219595

CATALOG NUMBER: LDSQA6A20950D010TE LAR35FL 6LSQA1H 30°

Luminous Intensity Polar Plot



Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P1219595

CATALOG NUMBER: LDSQA6A20950D010TE LAR35FL 6LSQA1H 30°

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	109	106	104	110	107	104	102	103	101	99	99	97	96	96	94	93	91		
2	105	100	95	91	103	98	94	90	95	91	88	92	89	86	89	86	84	82		
3	99	91	85	80	96	89	84	80	87	82	78	84	80	77	82	79	76	74		
4	92	83	76	71	90	82	76	71	79	74	70	77	73	69	75	71	68	66		
5	86	76	69	64	84	75	68	63	73	67	63	71	66	62	69	65	61	60		
6	80	69	62	57	78	68	62	57	67	61	56	65	60	56	64	59	55	54		
7	75	64	56	51	73	63	56	51	61	55	51	60	54	50	59	54	50	48		
8	70	58	51	46	68	58	51	46	56	50	46	55	50	46	54	49	45	44		
9	65	54	47	42	64	53	46	42	52	46	41	51	45	41	50	45	41	39		
10	61	49	42	38	60	49	42	38	48	42	38	47	42	37	46	41	37	36		

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°
0°	7014	7014	7014
5°	17180	6682	3695
10°	87077	5548	2698
15°	195883	4199	2153
20°	261617	2955	1801
25°	321435	2062	1577
30°	326433	1417	1447
35°	333990	894	1282
40°	306700	540	1180
45°	258283	371	1078
50°	105652	315	951
55°	5142	308	721
60°	293	293	474
65°	61	346	418
70°	76	428	428
75°	0	682	449
80°	0	1017	521
85°	0	2025	692

Classified

Scaled Data Report

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P1219595

CATALOG NUMBER: LDSQA6A20950D010TE LAR35FL 6LSQA1H 30°

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.0	1.2
10°-20°	271.1	13.2
20°-30°	624.3	30.4
30°-40°	686.5	33.5
40°-50°	402.7	19.6
50°-60°	32.8	1.6
60°-70°	3.4	0.2
70°-80°	2.9	0.1
80°-90°	2.2	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°	920.4	44.9
0°-40°	1606.8	78.4
0°-60°	2042.3	99.6
0°-90°	2050.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2050.8	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	163	163	163	163	163	
5°	398	274	155	96	86	84
15°	4394	1437	94	52	48	1240
25°	6766	2116	43	30	33	3032
35°	6354	762	17	18	24	3871
45°	4242	85	6	12	18	2937
55°	68	4	4	8	10	274
65°	1	2	3	5	4	1
75°	0	2	4	3	3	0
85°	0	2	4	3	1	0
90°	0	0	0	0	0	

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P1219595

CATALOG NUMBER: LDSQA6A20950D010TE LAR35FL 6LSQA1H 30°

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
63°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	1.4	1.4	1.4
64°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	1.4	1.4
65°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	1.4	1.4
66°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	1.4	1.4
67.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	1.4	1.4
70°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	1.4	1.4
72.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	1.4	1.4
75°	0.0	0.0	0.0	0.0	0.0	0.6	0.6	0.6	0.6	0.6	1.4
77.5°	0.0	0.0	0.0	0.0	0.6	0.6	0.6	0.6	0.6	0.6	1.4
80°	0.0	0.0	0.0	0.0	0.6	0.6	0.6	0.6	0.6	0.6	1.4
82.5°	0.0	0.0	0.0	0.0	0.0	0.6	0.6	0.6	0.6	0.6	1.4
85°	0.0	0.0	0.0	0.0	0.0	0.6	0.6	0.6	0.6	0.6	1.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.6	0.6	0.6	0.6	0.6	1.4
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: P1219595

CATALOG NUMBER: LDSQA6A20950D010TE LAR35FL 6LSQA1H 30°

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	162.9	162.9	162.9	162.9	162.9	162.9	162.9	162.9	162.9	162.9	162.9
2.5°	231.3	225.9	226.5	222.5	219.9	217.8	219.9	213.7	212.3	206.2	202.9
5°	330.4	317.5	313.5	303.9	293.1	287.7	285.6	274.0	267.9	256.5	249.6
7.5°	546.1	505.4	481.6	453.9	420.0	403.0	381.3	360.3	337.1	315.4	300.5
10°	1187.9	1058.2	961.3	861.5	726.4	658.6	571.9	508.0	444.3	394.1	363.0
11°	1573.8	1409.0	1278.1	1139.6	960.5	863.6	736.6	632.2	521.7	445.0	394.9
12°	1991.7	1794.2	1632.8	1452.5	1233.2	1103.0	944.2	805.9	652.0	533.9	447.7
13°	2413.0	2186.4	1999.8	1781.4	1532.4	1364.9	1177.7	1006.7	814.0	663.4	538.6
14°	2820.7	2571.7	2364.8	2111.1	1841.1	1638.9	1425.9	1221.1	993.8	810.7	654.0
15°	3185.0	2921.7	2705.4	2431.3	2147.8	1913.7	1674.9	1436.8	1200.1	966.7	780.1
17.5°	3811.8	3535.0	3322.0	3033.7	2753.5	2486.8	2213.5	1904.1	1611.8	1322.2	1101.7
20°	4285.9	3952.2	3697.1	3355.9	3036.4	2735.8	2446.8	2131.5	1842.5	1529.7	1278.7
21°	4406.7	4060.7	3800.2	3458.4	3113.8	2796.2	2492.4	2161.2	1861.4	1546.0	1296.4
22°	4509.1	4161.9	3882.9	3524.1	3172.0	2836.3	2520.1	2172.1	1860.1	1534.5	1283.5
23°	4587.2	4233.7	3950.1	3581.8	3217.6	2865.4	2533.0	2167.4	1843.8	1510.7	1253.6
24°	4661.1	4299.5	4003.7	3617.7	3244.1	2870.2	2526.2	2148.4	1816.7	1474.8	1213.6
25°	4708.6	4343.6	4032.9	3635.4	3245.3	2857.3	2503.8	2116.5	1775.3	1425.9	1161.4
26°	4742.5	4364.6	4043.1	3629.3	3234.5	2831.5	2468.5	2069.0	1718.3	1365.5	1100.9
27°	4747.9	4363.3	4030.2	3608.3	3198.5	2782.6	2411.6	2002.5	1645.1	1295.7	1035.2
28°	4727.5	4338.2	3997.7	3567.5	3148.4	2717.5	2337.7	1922.4	1563.6	1218.4	962.6
29°	4691.6	4296.1	3942.0	3501.2	3069.7	2630.1	2248.8	1829.6	1472.0	1130.9	882.5
30°	4634.7	4235.1	3870.8	3423.1	2979.4	2531.0	2145.7	1721.0	1360.1	1023.7	778.1
31°	4566.1	4156.4	3774.5	3315.9	2866.1	2414.3	2026.2	1576.5	1216.4	888.7	653.3
32°	4477.3	4056.6	3663.9	3197.2	2739.3	2280.7	1862.8	1392.0	1045.4	732.0	518.2
33°	4378.8	3946.1	3532.3	3043.8	2598.2	2101.6	1648.5	1183.0	854.7	566.5	381.3
34°	4257.4	3813.8	3392.5	2887.9	2417.1	1868.9	1373.1	957.8	658.0	405.0	259.2
35°	4117.0	3661.1	3223.0	2704.0	2173.5	1600.9	1116.6	761.8	470.8	270.0	188.7
36°	3953.6	3495.6	3043.1	2465.9	1896.0	1320.8	868.9	558.3	322.2	205.6	162.1
37°	3777.2	3310.4	2802.4	2217.6	1598.3	1044.8	646.5	392.8	243.5	182.5	140.4
38°	3579.1	3113.0	2529.6	1909.6	1299.1	789.6	462.0	293.1	209.7	158.7	120.1
39°	3359.9	2869.6	2217.6	1585.4	1010.8	569.1	352.1	240.8	181.2	137.0	103.8
40°	3117.1	2526.2	1877.7	1265.2	751.7	410.4	286.9	208.2	158.1	117.4	88.2
42.5°	2308.6	1675.5	1033.1	597.0	354.7	255.7	190.6	146.5	103.8	70.6	45.4
45°	1387.4	855.5	453.1	310.0	224.5	171.6	122.7	84.9	49.5	30.6	21.0
47.5°	620.0	357.4	253.7	200.1	145.2	102.4	59.7	36.0	22.4	15.6	11.5
50°	241.5	196.0	151.2	115.3	69.9	40.7	25.8	17.0	11.5	8.1	5.5
51°	186.6	152.0	118.0	84.9	46.8	28.5	18.9	12.9	8.7	6.1	4.1
52°	143.1	116.7	88.9	57.0	31.9	21.7	14.9	9.6	6.8	4.1	3.4
53°	105.1	89.5	61.7	40.0	23.0	16.3	11.5	7.5	4.7	3.4	2.7
54°	72.6	61.7	39.3	25.1	17.0	12.2	8.1	5.5	3.4	2.7	2.7
55°	44.1	38.7	25.8	18.3	12.2	8.7	6.1	4.1	2.7	2.1	2.1
57.5°	13.6	12.2	10.2	8.1	5.5	4.1	2.7	2.1	2.1	2.1	2.1
60°	4.7	4.7	4.1	3.4	2.1	2.1	2.1	2.1	2.1	2.1	2.1



TEST NUMBER: P1219595

CATALOG NUMBER: LDSQA6A20950D010TE LAR35FL 6LSQA1H 30°

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
63°	1.4	1.4	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
64°	1.4	1.4	1.4	1.4	2.1	2.1	2.1	2.1	2.1	2.1	2.7
65°	1.4	1.4	1.4	1.4	2.1	2.1	2.1	2.1	2.1	2.1	2.7
66°	1.4	1.4	1.4	1.4	2.1	2.1	2.1	2.1	2.1	2.1	2.7
67.5°	1.4	1.4	1.4	1.4	2.1	2.1	2.1	2.1	2.1	2.1	2.7
70°	1.4	1.4	1.4	1.4	2.1	2.1	2.1	2.1	2.1	2.7	2.7
72.5°	1.4	1.4	1.4	1.4	2.1	2.1	2.1	2.1	2.1	2.7	2.7
75°	1.4	1.4	1.4	2.1	2.1	2.1	2.1	2.1	2.7	2.7	2.7
77.5°	1.4	1.4	1.4	2.1	2.1	2.1	2.1	2.1	2.7	2.7	2.7
80°	1.4	1.4	1.4	1.4	2.1	2.1	2.1	2.1	2.7	2.7	2.7
82.5°	1.4	1.4	1.4	1.4	2.1	2.1	2.1	2.1	2.7	2.7	2.7
85°	1.4	1.4	1.4	1.4	2.1	2.1	2.1	2.1	2.7	2.7	2.7
87.5°	1.4	1.4	1.4	2.1	2.1	2.1	2.1	2.1	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: P1219595

CATALOG NUMBER: LDSQA6A20950D010TE LAR35FL 6LSQA1H 30°

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	162.9	162.9	162.9	162.9	162.9	162.9	162.9	162.9	162.9	162.9	162.9
2.5°	200.1	196.8	194.0	191.4	187.9	185.8	183.8	179.7	177.7	173.0	169.5
5°	242.2	234.7	227.2	219.9	213.1	207.6	202.2	194.8	189.3	181.2	174.4
7.5°	284.2	269.3	255.7	244.2	232.0	223.1	213.1	202.2	192.7	181.8	171.6
10°	331.8	303.9	280.9	260.5	242.8	228.6	215.1	200.1	188.7	174.4	162.9
11°	352.1	318.8	290.3	265.8	245.5	229.2	213.7	197.4	184.6	170.4	157.4
12°	381.9	333.0	299.8	271.3	246.9	228.6	211.6	194.0	180.5	165.5	152.7
13°	432.1	358.8	309.4	274.8	249.0	227.2	208.2	189.3	175.0	159.4	145.9
14°	515.5	404.2	329.0	280.9	249.0	225.9	204.2	183.8	168.3	152.7	139.0
15°	617.3	478.3	367.0	293.7	248.4	223.1	200.1	178.5	161.4	145.2	130.2
17.5°	877.9	691.9	529.8	389.4	285.0	218.4	185.2	160.2	141.9	123.6	109.9
20°	1033.9	822.1	640.3	478.3	343.9	239.4	172.3	139.8	120.1	103.8	90.9
21°	1052.9	839.2	652.6	489.1	350.7	242.2	168.3	130.9	111.3	95.1	83.4
22°	1046.8	834.4	647.2	483.0	343.9	236.1	160.8	122.7	103.2	87.6	75.9
23°	1016.9	807.9	621.4	458.5	325.6	221.8	150.0	114.0	95.1	80.0	69.2
24°	973.5	763.9	582.1	422.6	293.1	196.8	134.4	104.4	86.8	73.3	64.5
25°	921.9	713.6	532.5	381.9	254.4	168.9	118.0	95.1	78.7	66.6	59.1
26°	864.2	659.4	481.0	335.8	213.7	141.9	104.4	86.1	70.6	59.7	53.6
27°	802.6	600.4	426.6	285.6	177.7	120.7	94.2	76.6	63.8	54.9	48.9
28°	736.6	541.4	367.6	238.2	147.2	105.9	84.9	68.5	57.0	49.5	44.8
29°	662.8	472.2	310.6	194.8	121.5	93.6	75.3	61.0	51.5	45.4	41.4
30°	569.9	394.1	249.0	156.7	104.4	83.4	67.2	54.9	46.8	42.1	38.1
31°	464.0	306.6	189.3	124.2	90.9	73.9	59.7	49.5	42.7	38.7	34.6
32°	350.7	223.1	141.1	103.2	80.0	65.1	52.9	44.8	39.3	34.6	31.9
33°	246.9	159.4	114.0	89.5	69.9	57.0	47.4	40.7	36.0	31.2	28.5
34°	169.5	128.2	99.1	77.4	61.0	50.9	42.7	36.6	31.9	27.9	25.1
35°	143.1	111.9	85.5	66.6	52.9	44.8	38.1	32.6	27.9	24.4	21.7
36°	123.6	97.0	73.3	58.3	46.2	38.7	33.2	27.9	23.8	20.4	18.9
37°	106.5	83.4	63.1	50.2	39.3	32.6	27.1	23.0	20.4	17.7	16.3
38°	92.2	70.6	53.6	42.7	32.6	26.4	22.4	18.9	17.0	14.9	13.6
39°	78.7	59.1	43.4	34.0	25.8	21.7	18.3	16.3	14.2	12.9	11.5
40°	65.1	46.8	33.2	26.4	20.4	17.7	14.9	13.6	11.5	10.8	10.2
42.5°	30.6	22.4	17.7	14.9	12.2	10.8	9.6	8.1	7.5	6.8	6.8
45°	15.6	12.9	9.6	8.1	6.8	6.1	5.5	4.7	4.7	4.7	4.7
47.5°	8.1	6.1	4.7	4.1	3.4	3.4	3.4	3.4	3.4	3.4	3.4
50°	4.1	2.7	2.7	2.7	2.1	2.7	2.7	2.7	2.7	3.4	3.4
51°	2.7	2.7	2.1	2.1	2.1	2.7	2.7	2.7	2.7	3.4	3.4
52°	2.7	2.1	2.1	2.1	2.1	2.7	2.7	2.7	2.7	3.4	3.4
53°	2.1	2.1	2.1	2.1	2.1	2.1	2.7	2.7	2.7	3.4	3.4
54°	2.1	2.1	2.1	2.1	2.1	2.1	2.7	2.7	2.7	3.4	3.4
55°	2.1	2.1	2.1	2.1	2.1	2.1	2.7	2.7	2.7	2.7	3.4
57.5°	2.1	2.1	2.1	2.1	2.1	2.7	2.7	2.7	2.7	2.7	3.4
60°	2.1	2.1	2.1	2.1	2.7	2.7	2.7	2.7	2.7	2.7	3.4



TEST NUMBER: P1219595

CATALOG NUMBER: LDSQA6A20950D010TE LAR35FL 6LSQA1H 30°

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
63°	2.1	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	3.4
64°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	3.4
65°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	3.4
66°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	3.4	3.4
67.5°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	3.4	3.4
70°	2.7	2.7	2.7	2.7	2.7	2.7	3.4	3.4	3.4	3.4	3.4
72.5°	2.7	2.7	2.7	2.7	2.7	3.4	3.4	3.4	3.4	3.4	3.4
75°	2.7	2.7	2.7	2.7	3.4	3.4	3.4	3.4	3.4	3.4	3.4
77.5°	2.7	2.7	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
80°	2.7	2.7	2.7	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
82.5°	2.7	2.7	2.7	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
85°	2.7	2.7	2.7	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
87.5°	2.7	2.7	2.7	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
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: P1219595

CATALOG NUMBER: LDSQA6A20950D010TE LAR35FL 6LSQA1H 30°

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
0°	162.9	162.9	162.9	162.9	162.9	162.9	162.9	162.9
2.5°	169.5	163.5	164.2	160.8	134.4	120.1	112.6	107.2
5°	171.0	162.1	160.2	154.6	111.9	95.7	88.9	85.5
7.5°	166.3	154.6	150.6	143.1	95.1	80.0	74.7	71.9
10°	155.4	142.5	135.7	126.9	81.4	69.2	63.8	61.7
11°	150.0	136.3	129.6	120.7	76.6	65.1	60.4	58.3
12°	143.8	129.6	123.6	114.0	71.9	61.0	57.0	54.9
13°	137.0	122.7	116.7	107.8	67.2	57.6	54.3	52.3
14°	128.9	116.0	109.9	101.8	63.1	54.3	51.5	50.2
15°	121.5	109.3	102.4	94.2	59.7	51.5	49.5	48.3
17.5°	101.8	90.9	85.5	78.7	50.2	44.1	44.1	43.4
20°	83.4	73.9	69.9	64.5	42.1	38.7	39.3	39.3
21°	76.6	68.5	64.5	59.7	40.0	36.6	38.1	38.1
22°	69.9	62.4	59.7	54.9	37.2	34.6	36.6	36.6
23°	64.5	57.0	54.9	50.9	34.6	33.2	35.3	35.3
24°	59.1	52.9	50.2	46.8	32.6	31.2	34.0	34.6
25°	54.3	48.3	46.2	43.4	30.6	29.8	32.6	33.2
26°	49.5	44.1	42.7	40.0	28.5	28.5	31.2	32.6
27°	45.4	41.4	39.3	36.6	26.4	27.1	30.6	31.2
28°	42.1	38.1	36.0	34.0	24.4	25.8	29.1	30.6
29°	38.7	34.6	33.2	31.2	23.0	24.4	27.9	29.8
30°	35.3	31.9	30.6	28.5	21.7	23.0	27.1	29.1
31°	32.6	29.1	27.9	25.8	20.4	22.4	25.8	27.9
32°	29.1	26.4	25.1	23.8	18.9	21.0	25.1	27.1
33°	26.4	23.0	22.4	21.0	18.3	20.4	24.4	25.8
34°	23.0	20.4	19.8	18.9	17.0	18.9	23.0	25.1
35°	19.8	18.3	17.7	17.0	15.6	18.3	22.4	24.4
36°	17.7	15.6	15.6	14.9	14.9	17.7	21.7	23.8
37°	14.9	14.2	13.6	13.6	13.6	16.3	20.4	23.0
38°	12.9	12.2	12.2	12.2	12.9	15.6	19.8	22.4
39°	10.8	10.8	10.8	10.8	12.2	14.9	18.9	21.7
40°	9.6	9.6	9.6	9.6	11.5	14.2	18.3	21.0
42.5°	6.8	6.8	6.8	7.5	9.6	12.9	16.3	19.8
45°	5.5	5.5	5.5	6.1	8.7	11.5	14.9	17.7
47.5°	4.1	4.1	4.7	5.5	7.5	10.2	13.6	16.3
50°	3.4	4.1	4.1	4.7	6.8	9.6	11.5	14.2
51°	3.4	3.4	4.1	4.1	6.1	8.7	10.8	13.6
52°	3.4	3.4	4.1	4.1	6.1	8.1	10.8	12.2
53°	3.4	3.4	4.1	4.1	6.1	8.1	10.2	11.5
54°	3.4	3.4	4.1	4.1	5.5	7.5	9.6	10.8
55°	3.4	3.4	4.1	4.1	5.5	7.5	9.6	9.6
57.5°	3.4	3.4	3.4	4.1	4.7	6.8	8.1	8.1
60°	3.4	3.4	3.4	3.4	4.7	6.1	7.5	5.5



TEST NUMBER: P1219595

CATALOG NUMBER: LDSQA6A20950D010TE LAR35FL 6LSQA1H 30°

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
63°	3.4	3.4	3.4	3.4	4.1	5.5	6.1	4.1
64°	3.4	3.4	3.4	4.1	4.1	5.5	5.5	4.1
65°	3.4	3.4	3.4	3.4	4.1	4.7	5.5	4.1
66°	3.4	3.4	3.4	3.4	4.1	4.7	4.7	4.1
67.5°	3.4	3.4	3.4	3.4	4.1	4.7	4.7	3.4
70°	3.4	3.4	3.4	3.4	4.1	4.1	4.1	3.4
72.5°	3.4	3.4	3.4	3.4	3.4	4.1	3.4	2.7
75°	3.4	3.4	4.1	4.1	3.4	3.4	2.7	2.7
77.5°	3.4	3.4	4.1	4.1	3.4	3.4	2.7	2.1
80°	3.4	3.4	4.1	4.1	3.4	2.7	2.1	2.1
82.5°	3.4	3.4	4.1	4.1	3.4	2.7	2.1	1.4
85°	3.4	3.4	4.1	4.1	3.4	2.7	1.4	1.4
87.5°	3.4	3.4	4.1	4.1	3.4	2.1	1.4	0.6
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



Report Generated By 670245859 / DESKTOP-T8S5UU9

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

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report



Classified

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report





61°	2.1	2.1	2.1	2.1	2.1	2.1	2.7	2.7	2.7	3.4	3.4
62°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	2.1	2.1	2.1

Classified

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report





61°	3.4	3.4	2.7	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
62°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1

Classified

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report





61°	2.1	2.1	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	3.4
62°	2.1	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	3.4

Classified

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report



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

Scaled Data Report



61°	3.4	3.4	3.4	3.4	4.7	6.1	6.8	4.7
62°	3.4	3.4	3.4	3.4	4.7	6.1	6.1	4.7

Classified

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report



(END OF REPORT)