

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: P1212536

Luminaire Tested: **LDSQA6A35940D010TE LAR35FL 6LSQA1H 30°**

Issue Date: 3/3/2020



Test Information

Test Method: LM-41-14
Report Number: P1212536
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: LDSQA6A35940D010TE 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 / 4000K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

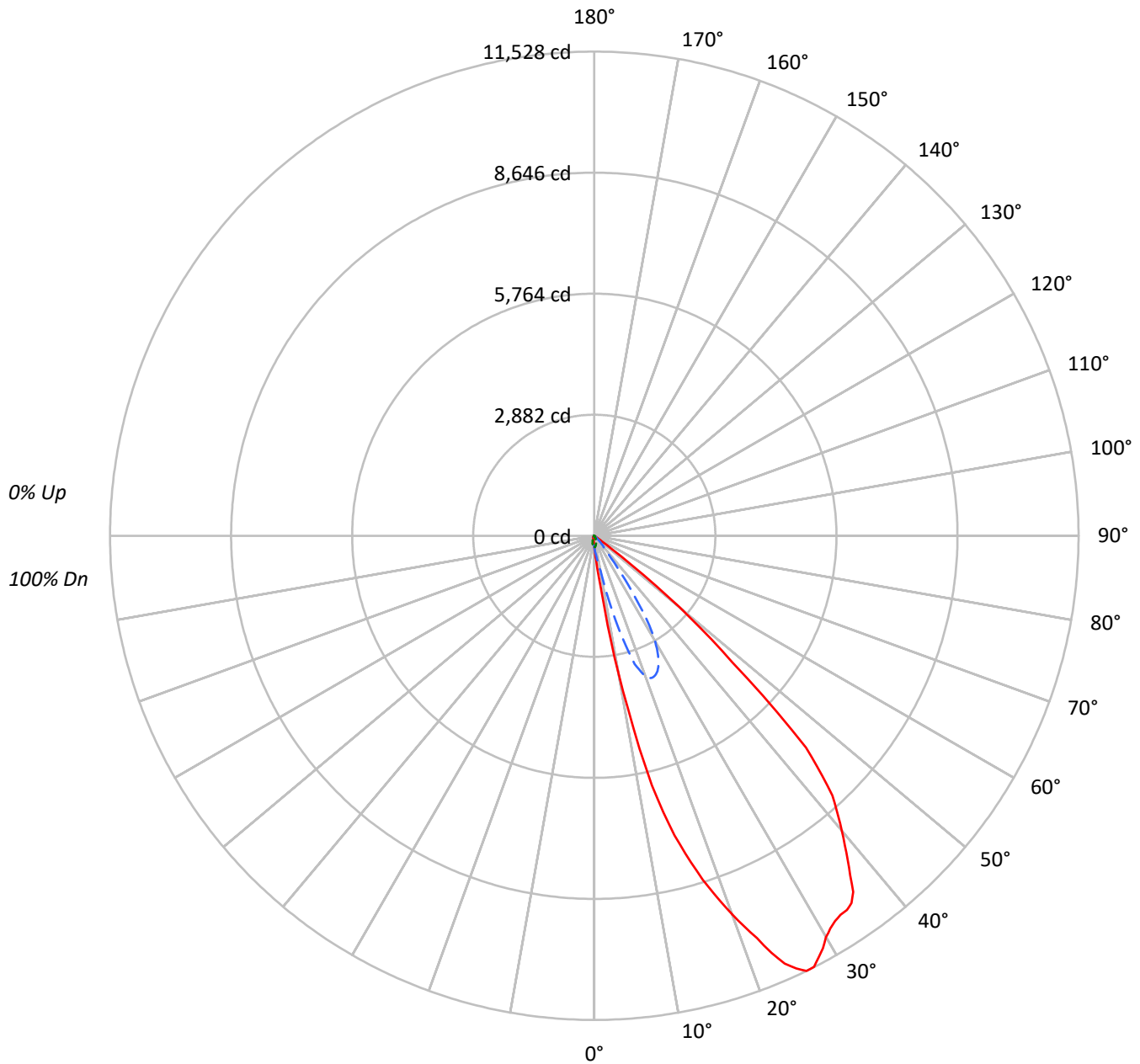
Lumens per Lamp: N/A
Luminaire Lumens: 3446.0 lumens
Efficiency: N/A
Efficacy: 72.2 lumens/watt
Spacing Criteria (0/90/45): 2.55 / 0.56 / 1.24
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 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

TEST NUMBER: P1212536

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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	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°	11780	11780	11780
5°	28871	11233	6206
10°	146317	9317	4534
15°	329151	7061	3611
20°	439609	4967	3029
25°	540127	3463	2651
30°	548526	2381	2436
35°	561218	1493	2155
40°	515368	899	1984
45°	434011	627	1808
50°	177524	529	1601
55°	8648	510	1201
60°	499	499	792
65°	112	591	693
70°	138	730	730
75°	0	1131	749
80°	0	1686	843
85°	0	3359	1136



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.1	1.2
10°-20°	455.5	13.2
20°-30°	1049.0	30.4
30°-40°	1153.5	33.5
40°-50°	676.6	19.6
50°-60°	55.2	1.6
60°-70°	5.6	0.2
70°-80°	4.8	0.1
80°-90°	3.7	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°	1546.5	44.9
0°-40°	2700.0	78.4
0°-60°	3431.8	99.6
0°-90°	3446.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3446.0	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	274	274	274	274	274	
5°	668	460	260	161	144	141
15°	7384	2414	158	87	81	2084
25°	11370	3556	73	50	56	5094
35°	10677	1280	28	31	41	6504
45°	7128	143	10	19	30	4936
55°	115	7	7	13	16	460
65°	1	3	6	8	7	2
75°	0	3	7	6	4	0
85°	0	3	7	4	2	0
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°	273.6	273.6	273.6	273.6	273.6	273.6	273.6	273.6	273.6	273.6	273.6
2.5°	421.7	412.6	410.4	409.1	402.3	405.7	408.1	402.3	402.3	402.3	389.9
5°	668.0	643.0	639.5	633.8	616.7	616.7	619.0	604.1	598.5	578.0	559.6
7.5°	1370.2	1275.5	1319.9	1294.9	1225.4	1202.6	1198.1	1135.3	1096.6	1019.2	948.4
10°	3346.7	3134.7	3199.7	3131.3	2969.5	2866.9	2866.9	2691.4	2560.3	2329.9	2097.4
11°	4181.2	4048.9	4115.0	4035.2	3845.0	3718.4	3715.0	3508.6	3347.8	3064.1	2774.5
12°	5180.9	4977.9	4935.8	4955.2	4742.1	4597.2	4580.1	4353.3	4172.0	3843.7	3513.2
13°	6097.3	5960.5	5816.9	5826.1	5602.7	5454.5	5418.0	5179.7	4988.2	4632.7	4266.7
14°	6777.9	6701.6	6577.2	6563.5	6361.7	6212.5	6168.1	5925.2	5724.5	5366.7	4982.6
15°	7384.3	7312.5	7195.1	7164.4	6970.5	6818.9	6767.6	6514.6	6309.4	5972.0	5600.3
17.5°	8586.9	8540.1	8494.6	8371.4	8224.4	8003.3	7931.5	7637.4	7370.6	7066.3	6660.5
20°	9594.5	9531.9	9436.1	9335.9	9150.1	8910.7	8860.5	8505.9	8226.7	7923.4	7449.3
21°	9962.8	9901.3	9798.7	9683.5	9472.7	9219.6	9150.1	8776.1	8482.0	8167.5	7685.3
22°	10330.9	10272.8	10168.0	10022.0	9788.4	9504.5	9400.9	9006.5	8696.3	8349.8	7865.3
23°	10786.9	10650.2	10536.1	10357.2	10082.5	9761.0	9620.8	9195.7	8869.7	8508.2	8014.7
24°	11148.3	11009.2	10875.8	10658.2	10348.0	9991.3	9812.3	9359.8	9027.0	8635.9	8137.8
25°	11369.5	11297.7	11157.5	10910.0	10573.7	10183.9	9974.2	9494.3	9130.7	8743.1	8239.3
26°	11527.9	11452.7	11331.9	11073.1	10751.6	10354.9	10099.6	9607.1	9230.9	8812.6	8306.5
27°	11522.2	11476.6	11375.1	11147.2	10877.0	10473.5	10204.4	9682.4	9283.3	8847.9	8332.7
28°	11369.5	11369.5	11323.8	11139.1	10906.6	10525.9	10242.0	9696.1	9289.1	8840.0	8315.6
29°	11230.4	11195.1	11204.1	11059.4	10861.0	10489.5	10214.6	9656.1	9247.0	8788.7	8264.3
30°	11033.1	11022.8	11062.8	10946.5	10782.4	10411.9	10127.0	9572.9	9163.8	8704.3	8182.3
31°	10910.0	10882.6	10921.5	10824.5	10644.5	10264.9	9993.6	9453.2	9054.4	8596.1	8082.0
32°	10817.6	10784.7	10830.2	10704.8	10508.8	10133.8	9844.2	9322.2	8911.8	8476.4	7954.2
33°	10761.8	10751.6	10768.7	10598.9	10346.9	9956.0	9693.7	9182.0	8775.0	8341.9	7814.0
34°	10751.6	10730.0	10700.3	10456.4	10183.9	9787.3	9524.0	9025.7	8627.9	8183.3	7643.2
35°	10677.4	10629.7	10562.4	10259.1	9953.6	9574.0	9325.6	8845.7	8443.3	7994.2	7431.1
36°	10486.1	10405.1	10332.2	10016.3	9699.5	9344.9	9111.2	8641.6	8240.4	7776.4	7188.3
37°	10117.8	10090.4	10001.5	9732.6	9443.0	9102.2	8876.5	8428.5	8013.6	7526.9	6917.0
38°	9798.7	9769.0	9686.9	9444.1	9180.9	8853.7	8629.0	8153.8	7758.2	7246.4	6620.6
39°	9474.8	9448.7	9385.9	9121.5	8892.4	8584.6	8360.1	7884.7	7480.1	6935.2	6293.3
40°	9169.4	9143.3	9086.2	8824.0	8597.2	8304.3	8076.2	7591.9	7211.0	6596.6	5918.4
42.5°	8390.9	8302.0	8229.1	7977.1	7774.2	7469.8	7223.6	6725.5	6192.0	5541.1	4860.5
45°	7127.8	7017.3	6930.7	6768.7	6547.7	6312.8	5980.0	5441.9	4890.2	4261.0	3334.1
47.5°	4450.1	4295.2	4196.0	4011.3	3762.9	3602.2	3514.3	3230.5	2854.3	2576.2	1871.6
50°	2650.3	2536.4	2453.0	2185.2	1996.0	1761.1	1537.7	1125.0	902.9	682.7	565.4
51°	1905.8	1812.4	1763.5	1542.2	1398.6	1231.0	1073.9	783.2	630.4	476.5	393.3
52°	1103.4	1031.6	1029.4	886.9	831.1	762.7	652.0	516.4	441.2	345.4	295.2
53°	513.0	470.7	478.8	412.6	391.0	381.8	378.4	301.0	294.1	257.6	217.8
54°	230.2	211.0	197.3	190.4	184.7	187.0	191.5	173.3	166.5	161.8	148.1
55°	115.2	104.9	99.2	104.9	93.4	94.7	98.1	91.3	88.9	88.9	86.6
57.5°	25.0	23.9	23.9	25.0	23.9	23.9	25.0	25.0	25.0	23.9	23.9
60°	5.8	5.8	5.8	5.8	6.8	6.8	6.8	6.8	7.9	9.2	9.2



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CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
63°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	2.3	2.3	2.3
64°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	2.3	2.3
65°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	2.3	2.3
66°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	2.3	2.3
67.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	2.3	2.3
70°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	2.3	2.3
72.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	2.3	2.3
75°	0.0	0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.1	1.1	2.3
77.5°	0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.1	1.1	1.1	2.3
80°	0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.1	1.1	1.1	2.3
82.5°	0.0	0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.1	1.1	2.3
85°	0.0	0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.1	1.1	2.3
87.5°	0.0	0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.1	1.1	2.3
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°	273.6	273.6	273.6	273.6	273.6	273.6	273.6	273.6	273.6	273.6	273.6
2.5°	388.6	379.6	380.7	373.9	369.4	365.9	369.4	359.1	356.8	346.5	340.9
5°	555.1	533.5	526.7	510.7	492.5	483.3	479.9	460.4	450.2	430.9	419.4
7.5°	917.6	849.2	809.3	762.7	705.6	677.2	640.6	605.3	566.5	530.1	504.9
10°	1996.0	1778.2	1615.3	1447.7	1220.8	1106.8	961.0	853.7	746.6	662.2	609.8
11°	2644.6	2367.5	2147.6	1915.0	1614.1	1451.2	1237.9	1062.4	876.6	747.7	663.5
12°	3346.7	3015.0	2743.7	2440.6	2072.3	1853.5	1586.7	1354.1	1095.5	897.1	752.4
13°	4054.7	3674.0	3360.4	2993.4	2575.1	2293.6	1978.9	1691.6	1367.8	1114.7	905.0
14°	4739.8	4321.4	3973.7	3547.4	3093.7	2754.0	2396.2	2051.8	1670.0	1362.2	1098.9
15°	5351.9	4909.5	4545.9	4085.5	3609.0	3215.7	2814.5	2414.3	2016.5	1624.3	1310.9
17.5°	6405.1	5940.0	5582.2	5097.6	4626.9	4178.9	3719.5	3199.7	2708.5	2221.7	1851.1
20°	7202.0	6641.1	6212.5	5639.0	5102.3	4597.2	4111.6	3581.6	3096.0	2570.6	2148.7
21°	7404.8	6823.4	6385.7	5811.3	5232.2	4698.7	4188.1	3631.7	3127.9	2597.8	2178.4
22°	7576.9	6993.4	6524.8	5921.8	5330.2	4766.0	4234.7	3650.0	3125.7	2578.5	2156.8
23°	7708.1	7114.1	6637.7	6018.7	5406.7	4815.0	4256.5	3641.9	3098.3	2538.5	2106.5
24°	7832.3	7224.7	6727.7	6079.1	5451.1	4822.9	4244.9	3610.1	3052.6	2478.2	2039.2
25°	7912.1	7298.8	6776.8	6108.8	5453.3	4801.3	4207.3	3556.4	2983.1	2396.2	1951.6
26°	7969.1	7334.1	6793.9	6098.6	5435.1	4757.9	4148.1	3476.7	2887.4	2294.6	1850.0
27°	7978.1	7331.9	6772.1	6063.1	5374.6	4675.9	4052.3	3364.9	2764.3	2177.3	1739.5
28°	7943.9	7289.6	6717.4	5994.7	5290.4	4566.4	3928.1	3230.5	2627.5	2047.3	1617.5
29°	7883.6	7219.1	6624.0	5883.1	5158.1	4419.4	3778.7	3074.4	2473.6	1900.3	1483.0
30°	7787.9	7116.5	6504.3	5751.9	5006.5	4253.0	3605.6	2891.9	2285.5	1720.1	1307.5
31°	7672.7	6984.2	6342.5	5571.9	4816.1	4056.8	3404.9	2649.1	2043.9	1493.3	1097.8
32°	7523.5	6816.6	6156.7	5372.5	4603.0	3832.4	3130.2	2339.1	1756.6	1229.9	870.8
33°	7358.0	6630.8	5935.5	5114.7	4365.9	3531.4	2770.0	1987.9	1436.2	951.8	640.6
34°	7154.1	6408.5	5700.6	4852.6	4061.5	3140.5	2307.2	1609.6	1105.7	680.6	435.4
35°	6918.1	6152.0	5415.7	4543.7	3652.2	2690.1	1876.3	1280.2	791.1	453.6	317.0
36°	6643.4	5873.9	5113.6	4143.6	3186.0	2219.4	1460.2	938.2	541.4	345.4	272.5
37°	6347.0	5562.7	4709.0	3726.4	2685.6	1755.5	1086.3	660.1	409.1	306.7	236.0
38°	6014.2	5231.0	4250.7	3208.9	2182.9	1326.8	776.3	492.5	352.3	266.8	201.8
39°	5645.9	4821.8	3726.4	2664.0	1698.5	956.3	591.7	404.6	304.4	230.2	174.4
40°	5237.8	4244.9	3155.2	2126.0	1263.1	689.6	482.2	349.9	265.7	197.3	148.1
42.5°	3879.2	2815.6	1736.1	1003.1	596.2	429.7	320.4	246.2	174.4	118.6	76.3
45°	2331.2	1437.5	761.4	520.9	377.3	288.4	206.3	142.6	83.2	51.3	35.3
47.5°	1041.8	600.7	426.2	336.2	243.9	172.1	100.3	60.5	37.6	26.3	19.4
50°	405.7	329.4	254.2	193.9	117.4	68.4	43.4	28.4	19.4	13.7	9.2
51°	313.6	255.4	198.4	142.6	78.7	47.9	31.9	21.6	14.8	10.3	6.8
52°	240.5	196.0	149.4	95.8	53.6	36.5	25.0	16.0	11.3	6.8	5.8
53°	176.8	150.5	103.7	67.3	38.7	27.4	19.4	12.6	7.9	5.8	4.5
54°	122.0	103.7	66.1	42.1	28.4	20.5	13.7	9.2	5.8	4.5	4.5
55°	74.2	65.0	43.4	30.8	20.5	14.8	10.3	6.8	4.5	3.4	3.4
57.5°	22.9	20.5	17.1	13.7	9.2	6.8	4.5	3.4	3.4	3.4	3.4
60°	7.9	7.9	6.8	5.8	3.4	3.4	3.4	3.4	3.4	3.4	3.4



TEST NUMBER: P1212536

CATALOG NUMBER: LDSQA6A35940D010TE LAR35FL 6LSQA1H 30°

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
63°	2.3	2.3	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
64°	2.3	2.3	2.3	2.3	3.4	3.4	3.4	3.4	3.4	3.4	4.5
65°	2.3	2.3	2.3	2.3	3.4	3.4	3.4	3.4	3.4	3.4	4.5
66°	2.3	2.3	2.3	2.3	3.4	3.4	3.4	3.4	3.4	3.4	4.5
67.5°	2.3	2.3	2.3	2.3	3.4	3.4	3.4	3.4	3.4	3.4	4.5
70°	2.3	2.3	2.3	2.3	3.4	3.4	3.4	3.4	3.4	4.5	4.5
72.5°	2.3	2.3	2.3	2.3	3.4	3.4	3.4	3.4	3.4	4.5	4.5
75°	2.3	2.3	2.3	3.4	3.4	3.4	3.4	3.4	4.5	4.5	4.5
77.5°	2.3	2.3	2.3	3.4	3.4	3.4	3.4	3.4	4.5	4.5	4.5
80°	2.3	2.3	2.3	2.3	3.4	3.4	3.4	3.4	4.5	4.5	4.5
82.5°	2.3	2.3	2.3	2.3	3.4	3.4	3.4	3.4	4.5	4.5	4.5
85°	2.3	2.3	2.3	2.3	3.4	3.4	3.4	3.4	4.5	4.5	4.5
87.5°	2.3	2.3	2.3	3.4	3.4	3.4	3.4	3.4	4.5	4.5	4.5
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: P1212536

CATALOG NUMBER: LDSQA6A35940D010TE LAR35FL 6LSQA1H 30°

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	273.6	273.6	273.6	273.6	273.6	273.6	273.6	273.6	273.6	273.6	273.6
2.5°	336.2	330.7	326.0	321.5	315.7	312.3	308.9	302.0	298.6	290.7	284.9
5°	407.0	394.4	381.8	369.4	358.0	348.8	339.7	327.2	318.1	304.4	293.0
7.5°	477.5	452.5	429.7	410.4	389.9	374.9	358.0	339.7	323.8	305.5	288.4
10°	557.5	510.7	472.0	437.8	408.1	384.1	361.4	336.2	317.0	293.0	273.6
11°	591.7	535.7	487.8	446.8	412.6	385.2	359.1	331.7	310.1	286.2	264.4
12°	641.7	559.6	503.8	455.9	414.9	384.1	355.7	326.0	303.3	278.1	256.5
13°	726.1	603.0	519.8	461.7	418.3	381.8	349.9	318.1	294.1	267.8	245.2
14°	866.3	679.3	552.8	472.0	418.3	379.6	343.1	308.9	282.8	256.5	233.6
15°	1037.3	803.7	616.7	493.6	417.2	374.9	336.2	299.9	271.3	243.9	218.9
17.5°	1475.1	1162.6	890.3	654.3	478.8	367.0	311.2	269.1	238.3	207.5	184.7
20°	1737.2	1381.5	1076.0	803.7	578.0	402.3	289.6	234.9	201.8	174.4	152.8
21°	1769.2	1410.1	1096.6	821.9	589.3	407.0	282.8	220.0	187.0	159.7	140.2
22°	1759.0	1402.0	1087.6	811.6	578.0	396.7	270.2	206.3	173.3	147.1	127.6
23°	1708.7	1357.6	1044.2	770.6	547.2	372.8	252.0	191.5	159.7	134.5	116.3
24°	1635.8	1283.6	978.1	710.1	492.5	330.7	225.7	175.5	146.0	123.1	108.4
25°	1549.1	1199.2	894.8	641.7	427.5	283.9	198.4	159.7	132.3	111.8	99.2
26°	1452.2	1107.9	808.2	564.3	359.1	238.3	175.5	144.7	118.6	100.3	90.0
27°	1348.6	1008.9	716.9	479.9	298.6	202.9	158.4	128.9	107.1	92.3	82.1
28°	1237.9	909.7	617.8	400.1	247.3	177.8	142.6	115.2	95.8	83.2	75.2
29°	1113.7	793.4	522.0	327.2	204.1	157.3	126.5	102.6	86.6	76.3	69.5
30°	957.6	662.2	418.3	263.3	175.5	140.2	112.9	92.3	78.7	70.7	63.9
31°	779.8	515.2	318.1	208.6	152.8	124.2	100.3	83.2	71.8	65.0	58.1
32°	589.3	374.9	237.1	173.3	134.5	109.4	88.9	75.2	66.1	58.1	53.6
33°	414.9	267.8	191.5	150.5	117.4	95.8	79.7	68.4	60.5	52.4	47.9
34°	284.9	215.5	166.5	130.0	102.6	85.5	71.8	61.6	53.6	46.8	42.1
35°	240.5	188.1	143.6	111.8	88.9	75.2	63.9	54.7	46.8	41.0	36.5
36°	207.5	163.1	123.1	98.1	77.6	65.0	55.8	46.8	40.0	34.2	31.9
37°	178.9	140.2	106.0	84.4	66.1	54.7	45.5	38.7	34.2	29.7	27.4
38°	155.0	118.6	90.0	71.8	54.7	44.5	37.6	31.9	28.4	25.0	22.9
39°	132.3	99.2	72.9	57.1	43.4	36.5	30.8	27.4	23.9	21.6	19.4
40°	109.4	78.7	55.8	44.5	34.2	29.7	25.0	22.9	19.4	18.2	17.1
42.5°	51.3	37.6	29.7	25.0	20.5	18.2	16.0	13.7	12.6	11.3	11.3
45°	26.3	21.6	16.0	13.7	11.3	10.3	9.2	7.9	7.9	7.9	7.9
47.5°	13.7	10.3	7.9	6.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
50°	6.8	4.5	4.5	4.5	3.4	4.5	4.5	4.5	4.5	5.8	5.8
51°	4.5	4.5	3.4	3.4	3.4	4.5	4.5	4.5	4.5	5.8	5.8
52°	4.5	3.4	3.4	3.4	3.4	4.5	4.5	4.5	4.5	5.8	5.8
53°	3.4	3.4	3.4	3.4	3.4	3.4	4.5	4.5	4.5	5.8	5.8
54°	3.4	3.4	3.4	3.4	3.4	3.4	4.5	4.5	4.5	5.8	5.8
55°	3.4	3.4	3.4	3.4	3.4	3.4	4.5	4.5	4.5	4.5	5.8
57.5°	3.4	3.4	3.4	3.4	3.4	4.5	4.5	4.5	4.5	4.5	5.8
60°	3.4	3.4	3.4	3.4	4.5	4.5	4.5	4.5	4.5	4.5	5.8



TEST NUMBER: P1212536

CATALOG NUMBER: LDSQA6A35940D010TE LAR35FL 6LSQA1H 30°

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
63°	3.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	5.8
64°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	5.8
65°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	5.8
66°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	5.8	5.8
67.5°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	5.8	5.8
70°	4.5	4.5	4.5	4.5	4.5	4.5	5.8	5.8	5.8	5.8	5.8
72.5°	4.5	4.5	4.5	4.5	4.5	5.8	5.8	5.8	5.8	5.8	5.8
75°	4.5	4.5	4.5	4.5	5.8	5.8	5.8	5.8	5.8	5.8	5.8
77.5°	4.5	4.5	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
80°	4.5	4.5	4.5	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
82.5°	4.5	4.5	4.5	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
85°	4.5	4.5	4.5	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
87.5°	4.5	4.5	4.5	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
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

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Peachtree City, GA 30269



TEST NUMBER: P1212536

CATALOG NUMBER: LDSQA6A35940D010TE LAR35FL 6LSQA1H 30°

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
0°	273.6	273.6	273.6	273.6	273.6	273.6	273.6	273.6
2.5°	284.9	274.7	275.9	270.2	225.7	201.8	189.2	180.2
5°	287.3	272.5	269.1	259.9	188.1	160.7	149.4	143.6
7.5°	279.4	259.9	253.1	240.5	159.7	134.5	125.5	120.8
10°	261.0	239.4	228.1	213.1	136.8	116.3	107.1	103.7
11°	252.0	229.1	217.8	202.9	128.9	109.4	101.5	98.1
12°	241.7	217.8	207.5	191.5	120.8	102.6	95.8	92.3
13°	230.2	206.3	196.0	181.3	112.9	96.8	91.3	87.8
14°	216.5	194.9	184.7	171.0	106.0	91.3	86.6	84.4
15°	204.1	183.6	172.1	158.4	100.3	86.6	83.2	81.0
17.5°	171.0	152.8	143.6	132.3	84.4	74.2	74.2	72.9
20°	140.2	124.2	117.4	108.4	70.7	65.0	66.1	66.1
21°	128.9	115.2	108.4	100.3	67.3	61.6	63.9	63.9
22°	117.4	104.9	100.3	92.3	62.6	58.1	61.6	61.6
23°	108.4	95.8	92.3	85.5	58.1	55.8	59.2	59.2
24°	99.2	88.9	84.4	78.7	54.7	52.4	57.1	58.1
25°	91.3	81.0	77.6	72.9	51.3	50.2	54.7	55.8
26°	83.2	74.2	71.8	67.3	47.9	47.9	52.4	54.7
27°	76.3	69.5	66.1	61.6	44.5	45.5	51.3	52.4
28°	70.7	63.9	60.5	57.1	41.0	43.4	49.0	51.3
29°	65.0	58.1	55.8	52.4	38.7	41.0	46.8	50.2
30°	59.2	53.6	51.3	47.9	36.5	38.7	45.5	49.0
31°	54.7	49.0	46.8	43.4	34.2	37.6	43.4	46.8
32°	49.0	44.5	42.1	40.0	31.9	35.3	42.1	45.5
33°	44.5	38.7	37.6	35.3	30.8	34.2	41.0	43.4
34°	38.7	34.2	33.1	31.9	28.4	31.9	38.7	42.1
35°	33.1	30.8	29.7	28.4	26.3	30.8	37.6	41.0
36°	29.7	26.3	26.3	25.0	25.0	29.7	36.5	40.0
37°	25.0	23.9	22.9	22.9	22.9	27.4	34.2	38.7
38°	21.6	20.5	20.5	20.5	21.6	26.3	33.1	37.6
39°	18.2	18.2	18.2	18.2	20.5	25.0	31.9	36.5
40°	16.0	16.0	16.0	16.0	19.4	23.9	30.8	35.3
42.5°	11.3	11.3	11.3	12.6	16.0	21.6	27.4	33.1
45°	9.2	9.2	9.2	10.3	14.8	19.4	25.0	29.7
47.5°	6.8	6.8	7.9	9.2	12.6	17.1	22.9	27.4
50°	5.8	6.8	6.8	7.9	11.3	16.0	19.4	23.9
51°	5.8	5.8	6.8	6.8	10.3	14.8	18.2	22.9
52°	5.8	5.8	6.8	6.8	10.3	13.7	18.2	20.5
53°	5.8	5.8	6.8	6.8	10.3	13.7	17.1	19.4
54°	5.8	5.8	6.8	6.8	9.2	12.6	16.0	18.2
55°	5.8	5.8	6.8	6.8	9.2	12.6	16.0	16.0
57.5°	5.8	5.8	5.8	6.8	7.9	11.3	13.7	13.7
60°	5.8	5.8	5.8	5.8	7.9	10.3	12.6	9.2



TEST NUMBER: P1212536

CATALOG NUMBER: LDSQA6A35940D010TE LAR35FL 6LSQA1H 30°

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
63°	5.8	5.8	5.8	5.8	6.8	9.2	10.3	6.8
64°	5.8	5.8	5.8	6.8	6.8	9.2	9.2	6.8
65°	5.8	5.8	5.8	5.8	6.8	7.9	9.2	6.8
66°	5.8	5.8	5.8	5.8	6.8	7.9	7.9	6.8
67.5°	5.8	5.8	5.8	5.8	6.8	7.9	7.9	5.8
70°	5.8	5.8	5.8	5.8	6.8	6.8	6.8	5.8
72.5°	5.8	5.8	5.8	5.8	5.8	6.8	5.8	4.5
75°	5.8	5.8	6.8	6.8	5.8	5.8	4.5	4.5
77.5°	5.8	5.8	6.8	6.8	5.8	5.8	4.5	3.4
80°	5.8	5.8	6.8	6.8	5.8	4.5	3.4	3.4
82.5°	5.8	5.8	6.8	6.8	5.8	4.5	3.4	2.3
85°	5.8	5.8	6.8	6.8	5.8	4.5	2.3	2.3
87.5°	5.8	5.8	6.8	6.8	5.8	3.4	2.3	1.1
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

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Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report



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Scaled Data Report

Cooper Lighting Solutions Photometric Lab

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Peachtree City, GA 30269



— 0°-180° - - 45°-225° - - - 90°-270°

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Scaled Data Report





61°	3.4	3.4	3.4	3.4	3.4	3.4	4.5	4.5	4.5	5.8	5.8
62°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	3.4	3.4	3.4

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Cooper Lighting Solutions Photometric Lab

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Scaled Data Report





61°	5.8	5.8	4.5	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
62°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4

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Scaled Data Report





61°	3.4	3.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	5.8
62°	3.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	5.8

Classified

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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



61°	5.8	5.8	5.8	5.8	7.9	10.3	11.3	7.9
62°	5.8	5.8	5.8	5.8	7.9	10.3	10.3	7.9

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Peachtree City, GA 30269

Scaled Data Report



(END OF REPORT)