

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: P1212488

Luminaire Tested: **LDSQA6A25940D010TE LAR35FL 6LSQA1H 30°**

Issue Date: 3/3/2020



Test Information

Test Method: LM-41-14
Report Number: P1212488
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: LDSQA6A25940D010TE 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

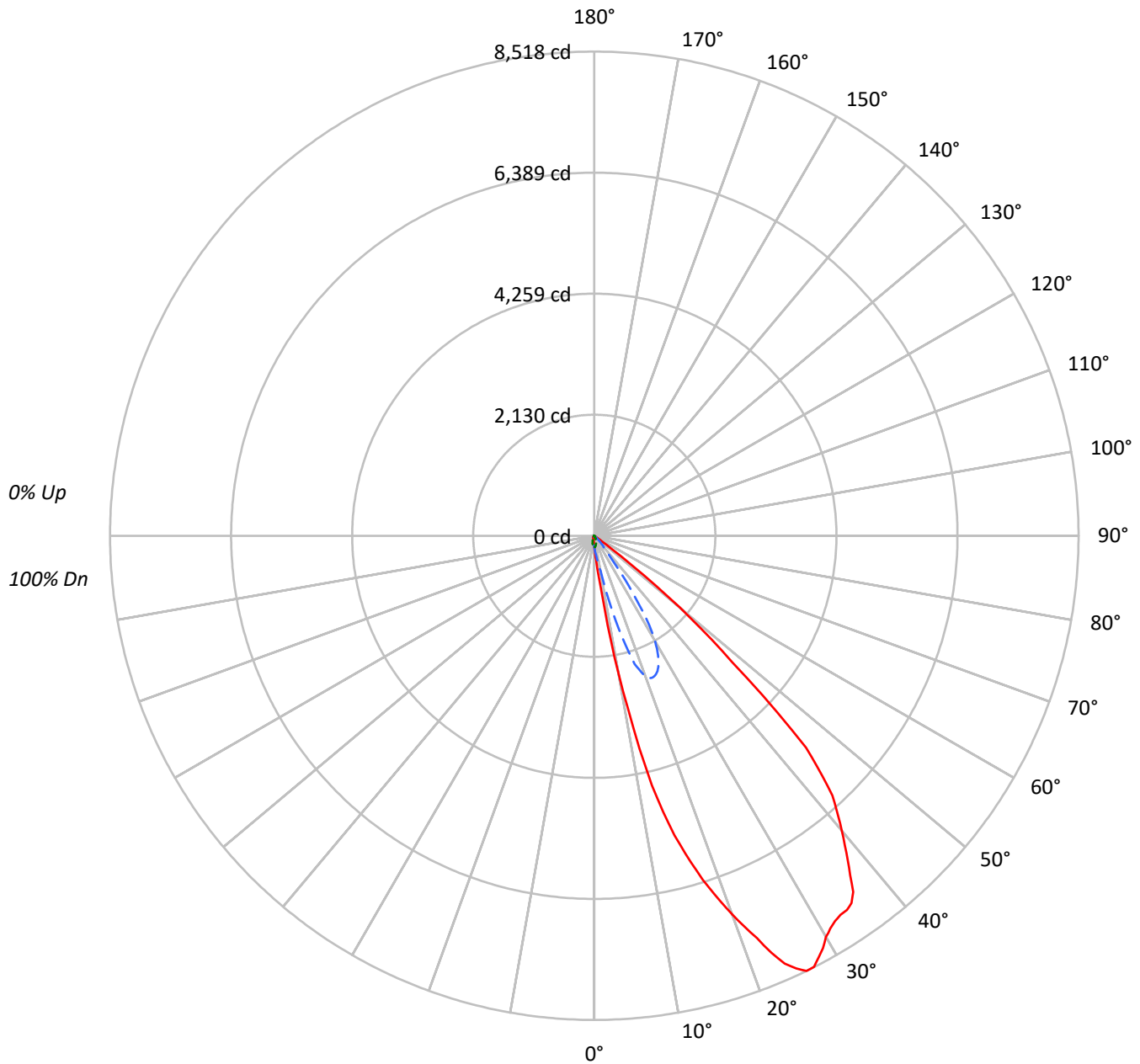
Lumens per Lamp: N/A
Luminaire Lumens: 2546.2 lumens
Efficiency: N/A
Efficacy: 81.6 lumens/watt
Spacing Criteria (0/90/45): 2.55 / 0.56 / 1.24
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 31.2
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: P1212488

CATALOG NUMBER: LDSQA6A25940D010TE LAR35FL 6LSQA1H 30°

Luminous Intensity Polar Plot



Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P1212488

CATALOG NUMBER: LDSQA6A25940D010TE 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
RCR																				
0	119	119	119	119	116	116	116	116		111	111	111			106	106	106			102
1	112	109	106	104	110	107	104	102		103	101	99			99	97	96			96
2	105	100	95	91	103	98	94	90		95	91	88			92	89	86			89
3	99	91	85	80	96	89	84	80		87	82	78			84	80	77			82
4	92	83	76	71	90	82	76	71		79	74	70			77	73	69			75
5	86	76	69	64	84	75	68	63		73	67	63			71	66	62			69
6	80	69	62	57	78	68	62	57		67	61	56			65	60	56			64
7	75	64	56	51	73	63	56	51		61	55	51			60	54	50			59
8	70	58	51	46	68	58	51	46		56	50	46			55	50	46			54
9	65	54	47	42	64	53	46	42		52	46	41			51	45	41			50
10	61	49	42	38	60	49	42	38		48	42	38			47	42	37			46

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°
0°	8706	8706	8706
5°	21333	8303	4586
10°	108115	6886	3349
15°	243207	5215	2666
20°	324824	3670	2236
25°	399094	2561	1957
30°	405298	1760	1800
35°	414677	1104	1593
40°	380801	663	1467
45°	320689	463	1333
50°	131172	395	1186
55°	6388	383	886
60°	370	370	586
65°	82	438	520
70°	101	541	541
75°	0	848	549
80°	0	1265	620
85°	0	2519	840



TEST NUMBER: P1212488

CATALOG NUMBER: LDSQA6A25940D010TE LAR35FL 6LSQA1H 30°

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	31.1	1.2
10°-20°	336.5	13.2
20°-30°	775.1	30.4
30°-40°	852.3	33.5
40°-50°	500.0	19.6
50°-60°	40.8	1.6
60°-70°	4.2	0.2
70°-80°	3.6	0.1
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°	1142.7	44.9
0°-40°	1995.0	78.4
0°-60°	2535.7	99.6
0°-90°	2546.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2546.2	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	202	202	202	202	202	
5°	494	340	192	119	106	104
15°	5456	1784	117	64	60	1540
25°	8401	2628	54	37	41	3764
35°	7889	946	21	23	30	4806
45°	5267	105	8	14	22	3647
55°	85	5	5	9	12	340
65°	1	2	4	6	5	1
75°	0	2	5	4	3	0
85°	0	2	5	3	2	0
90°	0	0	0	0	0	

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P1212488

CATALOG NUMBER: LDSQA6A25940D010TE LAR35FL 6LSQA1H 30°

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	202.2	202.2	202.2	202.2	202.2	202.2	202.2	202.2	202.2	202.2	202.2
2.5°	311.6	304.8	303.2	302.3	297.3	299.8	301.5	297.3	297.3	297.3	288.1
5°	493.6	475.1	472.5	468.3	455.7	455.7	457.4	446.3	442.2	427.1	413.5
7.5°	1012.4	942.4	975.3	956.8	905.5	888.6	885.2	838.8	810.2	753.0	700.8
10°	2472.9	2316.2	2364.2	2313.7	2194.1	2118.3	2118.3	1988.6	1891.8	1721.6	1549.7
11°	3089.5	2991.7	3040.5	2981.6	2841.0	2747.5	2745.0	2592.4	2473.7	2264.1	2050.1
12°	3828.1	3678.1	3647.0	3661.4	3503.9	3396.8	3384.2	3216.6	3082.7	2840.1	2595.9
13°	4505.2	4404.2	4298.0	4304.8	4139.8	4030.3	4003.3	3827.2	3685.7	3423.0	3152.6
14°	5008.1	4951.7	4859.8	4849.7	4700.6	4590.4	4557.5	4378.1	4229.8	3965.4	3681.6
15°	5456.2	5403.1	5316.4	5293.7	5150.4	5038.4	5000.5	4813.5	4661.9	4412.7	4138.0
17.5°	6344.8	6310.2	6276.5	6185.6	6076.9	5913.6	5860.5	5643.2	5446.1	5221.2	4921.4
20°	7089.3	7043.0	6972.3	6898.2	6760.9	6584.0	6546.9	6284.9	6078.6	5854.5	5504.2
21°	7361.4	7315.9	7240.1	7155.0	6999.3	6812.3	6760.9	6484.5	6267.2	6034.9	5678.6
22°	7633.4	7590.4	7513.0	7405.2	7232.5	7022.8	6946.2	6654.8	6425.6	6169.6	5811.6
23°	7970.3	7869.3	7785.0	7652.8	7449.9	7212.3	7108.7	6794.6	6553.7	6286.6	5922.0
24°	8237.4	8134.5	8036.0	7875.2	7646.0	7382.4	7250.2	6915.9	6670.0	6380.9	6012.9
25°	8400.8	8347.7	8244.1	8061.3	7812.8	7524.7	7369.8	7015.2	6746.6	6460.2	6087.9
26°	8517.9	8462.3	8373.0	8181.8	7944.2	7651.1	7462.5	7098.6	6820.6	6511.5	6137.6
27°	8513.6	8479.9	8404.9	8236.6	8036.9	7738.7	7539.9	7154.2	6859.3	6537.6	6157.0
28°	8400.8	8400.8	8367.0	8230.6	8058.7	7777.4	7567.7	7164.3	6863.6	6531.8	6144.3
29°	8298.0	8271.9	8278.6	8171.7	8025.1	7750.6	7547.5	7134.8	6832.5	6493.9	6106.4
30°	8152.2	8144.7	8174.2	8088.3	7967.0	7693.3	7482.7	7073.3	6771.0	6431.5	6045.8
31°	8061.3	8041.0	8069.8	7998.1	7865.1	7584.6	7384.2	6984.9	6690.2	6351.5	5971.7
32°	7993.0	7968.7	8002.3	7909.6	7764.8	7487.8	7273.8	6888.1	6584.8	6263.1	5877.3
33°	7951.8	7944.2	7956.9	7831.4	7645.2	7356.4	7162.6	6784.5	6483.8	6163.8	5773.7
34°	7944.2	7928.3	7906.3	7726.1	7524.7	7231.7	7037.2	6669.0	6375.1	6046.6	5647.4
35°	7889.4	7854.2	7804.4	7580.3	7354.6	7074.1	6890.6	6536.0	6238.6	5906.8	5490.8
36°	7748.0	7688.2	7634.3	7400.9	7166.8	6904.8	6732.2	6385.2	6088.7	5745.9	5311.4
37°	7475.9	7455.7	7390.0	7191.3	6977.3	6725.5	6558.8	6227.7	5921.2	5561.5	5110.9
38°	7240.1	7218.2	7157.5	6978.1	6783.7	6541.9	6375.9	6024.8	5732.4	5354.3	4891.9
39°	7000.9	6981.6	6935.2	6739.8	6570.5	6343.0	6177.2	5825.9	5526.9	5124.4	4650.1
40°	6775.2	6755.9	6713.7	6519.9	6352.3	6136.0	5967.4	5609.5	5328.1	4874.2	4373.0
42.5°	6199.9	6134.2	6080.4	5894.2	5744.3	5519.4	5337.4	4969.4	4575.2	4094.3	3591.4
45°	5266.7	5185.0	5121.0	5001.3	4838.0	4664.4	4418.5	4021.0	3613.3	3148.4	2463.6
47.5°	3288.2	3173.6	3100.4	2963.9	2780.4	2661.6	2596.7	2387.0	2109.0	1903.5	1382.9
50°	1958.3	1874.1	1812.5	1614.6	1474.8	1301.3	1136.2	831.2	667.1	504.5	417.8
51°	1408.2	1339.2	1303.0	1139.5	1033.4	909.6	793.5	578.7	465.8	352.1	290.6
52°	815.3	762.2	760.6	655.3	614.1	563.5	481.7	381.6	326.0	255.2	218.1
53°	379.0	347.8	353.8	304.8	288.9	282.1	279.6	222.4	217.3	190.3	160.9
54°	170.1	155.9	145.8	140.7	136.5	138.2	141.5	128.1	123.0	119.6	109.5
55°	85.1	77.5	73.3	77.5	69.0	70.0	72.5	67.4	65.7	65.7	64.0
57.5°	18.5	17.7	17.7	18.5	17.7	17.7	18.5	18.5	18.5	17.7	17.7
60°	4.3	4.3	4.3	4.3	5.1	5.1	5.1	5.1	5.9	6.8	6.8

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P1212488

CATALOG NUMBER: LDSQA6A25940D010TE LAR35FL 6LSQA1H 30°

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
63°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.7	1.7	1.7
64°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.7	1.7
65°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.7	1.7
66°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.7	1.7
67.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.7	1.7
70°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.7	1.7
72.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.7	1.7
75°	0.0	0.0	0.0	0.0	0.0	0.8	0.8	0.8	0.8	0.8	1.7
77.5°	0.0	0.0	0.0	0.0	0.8	0.8	0.8	0.8	0.8	0.8	1.7
80°	0.0	0.0	0.0	0.0	0.8	0.8	0.8	0.8	0.8	0.8	1.7
82.5°	0.0	0.0	0.0	0.0	0.0	0.8	0.8	0.8	0.8	0.8	1.7
85°	0.0	0.0	0.0	0.0	0.0	0.8	0.8	0.8	0.8	0.8	1.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.8	0.8	0.8	0.8	0.8	1.7
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: P1212488

CATALOG NUMBER: LDSQA6A25940D010TE LAR35FL 6LSQA1H 30°

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	202.2	202.2	202.2	202.2	202.2	202.2	202.2	202.2	202.2	202.2	202.2
2.5°	287.1	280.5	281.3	276.2	272.9	270.4	272.9	265.3	263.6	256.0	251.9
5°	410.2	394.2	389.2	377.3	363.9	357.1	354.6	340.2	332.6	318.4	309.9
7.5°	678.0	627.5	598.0	563.5	521.4	500.3	473.3	447.3	418.6	391.7	373.1
10°	1474.8	1313.9	1193.5	1069.7	902.0	817.8	710.1	630.8	551.7	489.3	450.6
11°	1954.0	1749.3	1586.8	1415.0	1192.6	1072.2	914.6	785.0	647.7	552.5	490.2
12°	2472.9	2227.8	2027.3	1803.3	1531.2	1369.5	1172.4	1000.6	809.4	662.9	555.9
13°	2996.0	2714.7	2483.0	2211.8	1902.7	1694.7	1462.2	1249.9	1010.7	823.7	668.7
14°	3502.2	3193.1	2936.1	2621.2	2285.9	2034.9	1770.5	1516.1	1234.0	1006.5	812.0
15°	3954.5	3627.6	3358.9	3018.7	2666.6	2376.0	2079.6	1783.9	1490.0	1200.2	968.6
17.5°	4732.7	4389.0	4124.6	3766.6	3418.8	3087.7	2748.3	2364.2	2001.3	1641.6	1367.8
20°	5321.5	4907.0	4590.4	4166.6	3770.0	3396.8	3038.0	2646.4	2287.6	1899.4	1587.6
21°	5471.4	5041.8	4718.3	4293.9	3866.0	3471.8	3094.5	2683.4	2311.1	1919.5	1609.6
22°	5598.5	5167.3	4821.1	4375.6	3938.4	3521.6	3129.0	2697.0	2309.5	1905.2	1593.6
23°	5695.5	5256.6	4904.5	4447.1	3994.9	3557.8	3145.1	2691.0	2289.3	1875.7	1556.5
24°	5787.2	5338.2	4971.0	4491.8	4027.8	3563.6	3136.5	2667.4	2255.5	1831.1	1506.8
25°	5846.1	5393.0	5007.3	4513.8	4029.4	3547.6	3108.7	2627.8	2204.2	1770.5	1442.0
26°	5888.3	5419.1	5020.0	4506.2	4015.9	3515.6	3065.0	2568.9	2133.5	1695.5	1367.0
27°	5895.0	5417.5	5003.9	4480.0	3971.2	3454.9	2994.2	2486.3	2042.5	1608.8	1285.3
28°	5869.7	5386.2	4963.4	4429.4	3909.0	3374.1	2902.5	2387.0	1941.4	1512.7	1195.1
29°	5825.1	5334.1	4894.4	4347.0	3811.2	3265.4	2792.1	2271.6	1827.7	1404.1	1095.8
30°	5754.4	5258.3	4806.0	4250.0	3699.3	3142.5	2664.1	2136.8	1688.7	1270.9	966.1
31°	5669.3	5160.5	4686.4	4117.0	3558.5	2997.6	2515.8	1957.4	1510.2	1103.4	811.2
32°	5559.0	5036.7	4549.1	3969.7	3401.1	2831.7	2312.9	1728.3	1297.9	908.8	643.5
33°	5436.8	4899.5	4385.7	3779.2	3225.9	2609.3	2046.7	1468.9	1061.2	703.3	473.3
34°	5286.1	4735.2	4212.1	3585.5	3001.0	2320.5	1704.8	1189.3	817.0	502.9	321.7
35°	5111.7	4545.7	4001.6	3357.3	2698.6	1987.7	1386.4	945.9	584.5	335.2	234.2
36°	4908.8	4340.2	3778.4	3061.7	2354.1	1639.9	1078.9	693.2	400.1	255.2	201.4
37°	4689.7	4110.2	3479.4	2753.4	1984.4	1297.1	802.7	487.7	302.3	226.6	174.4
38°	4443.8	3865.1	3140.8	2371.0	1612.9	980.3	573.6	363.9	260.3	197.1	149.1
39°	4171.7	3562.8	2753.4	1968.4	1255.0	706.6	437.2	299.0	224.9	170.1	128.9
40°	3870.2	3136.5	2331.4	1570.9	933.3	509.5	356.3	258.6	196.3	145.8	109.5
42.5°	2866.3	2080.4	1282.8	741.2	440.5	317.5	236.7	181.9	128.9	87.6	56.4
45°	1722.5	1062.1	562.6	384.9	278.8	213.1	152.4	105.3	61.4	37.9	26.1
47.5°	769.8	443.8	314.9	248.4	180.2	127.1	74.1	44.7	27.8	19.4	14.4
50°	299.8	243.4	187.8	143.2	86.7	50.5	32.1	21.0	14.4	10.1	6.8
51°	231.7	188.7	146.6	105.3	58.1	35.4	23.5	16.0	10.9	7.6	5.1
52°	177.7	144.8	110.4	70.8	39.6	27.0	18.5	11.8	8.4	5.1	4.3
53°	130.6	111.2	76.6	49.7	28.6	20.2	14.4	9.3	5.9	4.3	3.3
54°	90.2	76.6	48.8	31.1	21.0	15.2	10.1	6.8	4.3	3.3	3.3
55°	54.8	48.0	32.1	22.7	15.2	10.9	7.6	5.1	3.3	2.5	2.5
57.5°	16.9	15.2	12.6	10.1	6.8	5.1	3.3	2.5	2.5	2.5	2.5
60°	5.9	5.9	5.1	4.3	2.5	2.5	2.5	2.5	2.5	2.5	2.5



TEST NUMBER: P1212488

CATALOG NUMBER: LDSQA6A25940D010TE LAR35FL 6LSQA1H 30°

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
63°	1.7	1.7	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
64°	1.7	1.7	1.7	1.7	2.5	2.5	2.5	2.5	2.5	2.5	3.3
65°	1.7	1.7	1.7	1.7	2.5	2.5	2.5	2.5	2.5	2.5	3.3
66°	1.7	1.7	1.7	1.7	2.5	2.5	2.5	2.5	2.5	2.5	3.3
67.5°	1.7	1.7	1.7	1.7	2.5	2.5	2.5	2.5	2.5	2.5	3.3
70°	1.7	1.7	1.7	1.7	2.5	2.5	2.5	2.5	2.5	3.3	3.3
72.5°	1.7	1.7	1.7	1.7	2.5	2.5	2.5	2.5	2.5	3.3	3.3
75°	1.7	1.7	1.7	2.5	2.5	2.5	2.5	2.5	3.3	3.3	3.3
77.5°	1.7	1.7	1.7	2.5	2.5	2.5	2.5	2.5	3.3	3.3	3.3
80°	1.7	1.7	1.7	1.7	2.5	2.5	2.5	2.5	3.3	3.3	3.3
82.5°	1.7	1.7	1.7	1.7	2.5	2.5	2.5	2.5	3.3	3.3	3.3
85°	1.7	1.7	1.7	1.7	2.5	2.5	2.5	2.5	3.3	3.3	3.3
87.5°	1.7	1.7	1.7	2.5	2.5	2.5	2.5	2.5	3.3	3.3	3.3
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: P1212488

CATALOG NUMBER: LDSQA6A25940D010TE LAR35FL 6LSQA1H 30°

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	202.2	202.2	202.2	202.2	202.2	202.2	202.2	202.2	202.2	202.2	202.2
2.5°	248.4	244.3	240.9	237.5	233.3	230.8	228.2	223.2	220.6	214.8	210.5
5°	300.7	291.4	282.1	272.9	264.5	257.8	251.0	241.8	235.0	224.9	216.5
7.5°	352.8	334.4	317.5	303.2	288.1	277.0	264.5	251.0	239.3	225.7	213.1
10°	411.9	377.3	348.7	323.5	301.5	283.8	267.1	248.4	234.2	216.5	202.2
11°	437.2	395.8	360.4	330.1	304.8	284.6	265.3	245.1	229.2	211.5	195.4
12°	474.1	413.5	372.3	336.9	306.6	283.8	262.8	240.9	224.1	205.5	189.5
13°	536.5	445.6	384.1	341.1	309.1	282.1	258.6	235.0	217.3	197.9	181.1
14°	640.1	501.9	408.4	348.7	309.1	280.5	253.5	228.2	208.9	189.5	172.6
15°	766.5	593.8	455.7	364.7	308.3	277.0	248.4	221.6	200.4	180.2	161.7
17.5°	1089.9	859.0	657.8	483.5	353.8	271.2	230.0	198.8	176.1	153.3	136.5
20°	1283.6	1020.8	795.1	593.8	427.1	297.3	214.0	173.6	149.1	128.9	112.9
21°	1307.3	1041.9	810.2	607.3	435.4	300.7	208.9	162.5	138.2	118.0	103.6
22°	1299.7	1035.9	803.6	599.7	427.1	293.1	199.6	152.4	128.1	108.7	94.3
23°	1262.6	1003.1	771.5	569.4	404.3	275.4	186.2	141.5	118.0	99.4	85.9
24°	1208.7	948.4	722.7	524.7	363.9	244.3	166.8	129.7	107.9	91.0	80.1
25°	1144.6	886.0	661.1	474.1	315.9	209.7	146.6	118.0	97.8	82.6	73.3
26°	1073.0	818.6	597.2	417.0	265.3	176.1	129.7	106.9	87.6	74.1	66.5
27°	996.4	745.5	529.7	354.6	220.6	149.9	117.0	95.2	79.1	68.2	60.6
28°	914.6	672.2	456.5	295.7	182.7	131.4	105.3	85.1	70.8	61.4	55.6
29°	822.9	586.3	385.7	241.8	150.8	116.2	93.5	75.8	64.0	56.4	51.3
30°	707.6	489.3	309.1	194.6	129.7	103.6	83.4	68.2	58.1	52.3	47.2
31°	576.2	380.6	235.0	154.1	112.9	91.8	74.1	61.4	53.1	48.0	43.0
32°	435.4	277.0	175.2	128.1	99.4	80.9	65.7	55.6	48.8	43.0	39.6
33°	306.6	197.9	141.5	111.2	86.7	70.8	58.9	50.5	44.7	38.7	35.4
34°	210.5	159.2	123.0	96.0	75.8	63.2	53.1	45.5	39.6	34.6	31.1
35°	177.7	139.0	106.1	82.6	65.7	55.6	47.2	40.4	34.6	30.3	27.0
36°	153.3	120.5	91.0	72.5	57.3	48.0	41.2	34.6	29.5	25.3	23.5
37°	132.2	103.6	78.3	62.4	48.8	40.4	33.6	28.6	25.3	21.9	20.2
38°	114.5	87.6	66.5	53.1	40.4	32.9	27.8	23.5	21.0	18.5	16.9
39°	97.8	73.3	53.9	42.2	32.1	27.0	22.7	20.2	17.7	16.0	14.4
40°	80.9	58.1	41.2	32.9	25.3	21.9	18.5	16.9	14.4	13.4	12.6
42.5°	37.9	27.8	21.9	18.5	15.2	13.4	11.8	10.1	9.3	8.4	8.4
45°	19.4	16.0	11.8	10.1	8.4	7.6	6.8	5.9	5.9	5.9	5.9
47.5°	10.1	7.6	5.9	5.1	4.3	4.3	4.3	4.3	4.3	4.3	4.3
50°	5.1	3.3	3.3	3.3	2.5	3.3	3.3	3.3	3.3	4.3	4.3
51°	3.3	3.3	2.5	2.5	2.5	3.3	3.3	3.3	3.3	4.3	4.3
52°	3.3	2.5	2.5	2.5	2.5	3.3	3.3	3.3	3.3	4.3	4.3
53°	2.5	2.5	2.5	2.5	2.5	2.5	3.3	3.3	3.3	4.3	4.3
54°	2.5	2.5	2.5	2.5	2.5	2.5	3.3	3.3	3.3	4.3	4.3
55°	2.5	2.5	2.5	2.5	2.5	2.5	3.3	3.3	3.3	3.3	4.3
57.5°	2.5	2.5	2.5	2.5	2.5	3.3	3.3	3.3	3.3	3.3	4.3
60°	2.5	2.5	2.5	2.5	3.3	3.3	3.3	3.3	3.3	3.3	4.3



TEST NUMBER: P1212488

CATALOG NUMBER: LDSQA6A25940D010TE LAR35FL 6LSQA1H 30°

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
63°	2.5	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	4.3
64°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	4.3
65°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	4.3
66°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	4.3	4.3
67.5°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	4.3	4.3
70°	3.3	3.3	3.3	3.3	3.3	3.3	4.3	4.3	4.3	4.3	4.3
72.5°	3.3	3.3	3.3	3.3	3.3	4.3	4.3	4.3	4.3	4.3	4.3
75°	3.3	3.3	3.3	3.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
77.5°	3.3	3.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
80°	3.3	3.3	3.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
82.5°	3.3	3.3	3.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
85°	3.3	3.3	3.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
87.5°	3.3	3.3	3.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
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: P1212488

CATALOG NUMBER: LDSQA6A25940D010TE LAR35FL 6LSQA1H 30°

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
0°	202.2	202.2	202.2	202.2	202.2	202.2	202.2	202.2
2.5°	210.5	203.0	203.9	199.6	166.8	149.1	139.8	133.1
5°	212.3	201.4	198.8	192.1	139.0	118.8	110.4	106.1
7.5°	206.4	192.1	187.0	177.7	118.0	99.4	92.7	89.2
10°	192.9	176.9	168.5	157.5	101.1	85.9	79.1	76.6
11°	186.2	169.3	160.9	149.9	95.2	80.9	75.0	72.5
12°	178.6	160.9	153.3	141.5	89.2	75.8	70.8	68.2
13°	170.1	152.4	144.8	133.9	83.4	71.6	67.4	64.9
14°	160.0	144.0	136.5	126.4	78.3	67.4	64.0	62.4
15°	150.8	135.7	127.1	117.0	74.1	64.0	61.4	59.8
17.5°	126.4	112.9	106.1	97.8	62.4	54.8	54.8	53.9
20°	103.6	91.8	86.7	80.1	52.3	48.0	48.8	48.8
21°	95.2	85.1	80.1	74.1	49.7	45.5	47.2	47.2
22°	86.7	77.5	74.1	68.2	46.3	43.0	45.5	45.5
23°	80.1	70.8	68.2	63.2	43.0	41.2	43.8	43.8
24°	73.3	65.7	62.4	58.1	40.4	38.7	42.2	43.0
25°	67.4	59.8	57.3	53.9	37.9	37.1	40.4	41.2
26°	61.4	54.8	53.1	49.7	35.4	35.4	38.7	40.4
27°	56.4	51.3	48.8	45.5	32.9	33.6	37.9	38.7
28°	52.3	47.2	44.7	42.2	30.3	32.1	36.2	37.9
29°	48.0	43.0	41.2	38.7	28.6	30.3	34.6	37.1
30°	43.8	39.6	37.9	35.4	27.0	28.6	33.6	36.2
31°	40.4	36.2	34.6	32.1	25.3	27.8	32.1	34.6
32°	36.2	32.9	31.1	29.5	23.5	26.1	31.1	33.6
33°	32.9	28.6	27.8	26.1	22.7	25.3	30.3	32.1
34°	28.6	25.3	24.5	23.5	21.0	23.5	28.6	31.1
35°	24.5	22.7	21.9	21.0	19.4	22.7	27.8	30.3
36°	21.9	19.4	19.4	18.5	18.5	21.9	27.0	29.5
37°	18.5	17.7	16.9	16.9	16.9	20.2	25.3	28.6
38°	16.0	15.2	15.2	15.2	16.0	19.4	24.5	27.8
39°	13.4	13.4	13.4	13.4	15.2	18.5	23.5	27.0
40°	11.8	11.8	11.8	11.8	14.4	17.7	22.7	26.1
42.5°	8.4	8.4	8.4	9.3	11.8	16.0	20.2	24.5
45°	6.8	6.8	6.8	7.6	10.9	14.4	18.5	21.9
47.5°	5.1	5.1	5.9	6.8	9.3	12.6	16.9	20.2
50°	4.3	5.1	5.1	5.9	8.4	11.8	14.4	17.7
51°	4.3	4.3	5.1	5.1	7.6	10.9	13.4	16.9
52°	4.3	4.3	5.1	5.1	7.6	10.1	13.4	15.2
53°	4.3	4.3	5.1	5.1	7.6	10.1	12.6	14.4
54°	4.3	4.3	5.1	5.1	6.8	9.3	11.8	13.4
55°	4.3	4.3	5.1	5.1	6.8	9.3	11.8	11.8
57.5°	4.3	4.3	4.3	5.1	5.9	8.4	10.1	10.1
60°	4.3	4.3	4.3	4.3	5.9	7.6	9.3	6.8



TEST NUMBER: P1212488

CATALOG NUMBER: LDSQA6A25940D010TE LAR35FL 6LSQA1H 30°

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
63°	4.3	4.3	4.3	4.3	5.1	6.8	7.6	5.1
64°	4.3	4.3	4.3	5.1	5.1	6.8	6.8	5.1
65°	4.3	4.3	4.3	4.3	5.1	5.9	6.8	5.1
66°	4.3	4.3	4.3	4.3	5.1	5.9	5.9	5.1
67.5°	4.3	4.3	4.3	4.3	5.1	5.9	5.9	4.3
70°	4.3	4.3	4.3	4.3	5.1	5.1	5.1	4.3
72.5°	4.3	4.3	4.3	4.3	4.3	5.1	4.3	3.3
75°	4.3	4.3	5.1	5.1	4.3	4.3	3.3	3.3
77.5°	4.3	4.3	5.1	5.1	4.3	4.3	3.3	2.5
80°	4.3	4.3	5.1	5.1	4.3	3.3	2.5	2.5
82.5°	4.3	4.3	5.1	5.1	4.3	3.3	2.5	1.7
85°	4.3	4.3	5.1	5.1	4.3	3.3	1.7	1.7
87.5°	4.3	4.3	5.1	5.1	4.3	2.5	1.7	0.8
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°	2.5	2.5	2.5	2.5	2.5	2.5	3.3	3.3	3.3	4.3	4.3
62°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	2.5	2.5	2.5

Classified

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report





61°	4.3	4.3	3.3	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
62°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5

Classified

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report





61°	2.5	2.5	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	4.3
62°	2.5	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	4.3

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°	4.3	4.3	4.3	4.3	5.9	7.6	8.4	5.9
62°	4.3	4.3	4.3	4.3	5.9	7.6	7.6	5.9

Classified

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report



(END OF REPORT)