

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: P1212482

Luminaire Tested: **LDSQA6A25935D010TE LAR35FL 6LSQA1H 30°**

Issue Date: 3/3/2020



Test Information

Test Method: LM-41-14
Report Number: P1212482
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: LDSQA6A25935D010TE 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 / 3500K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

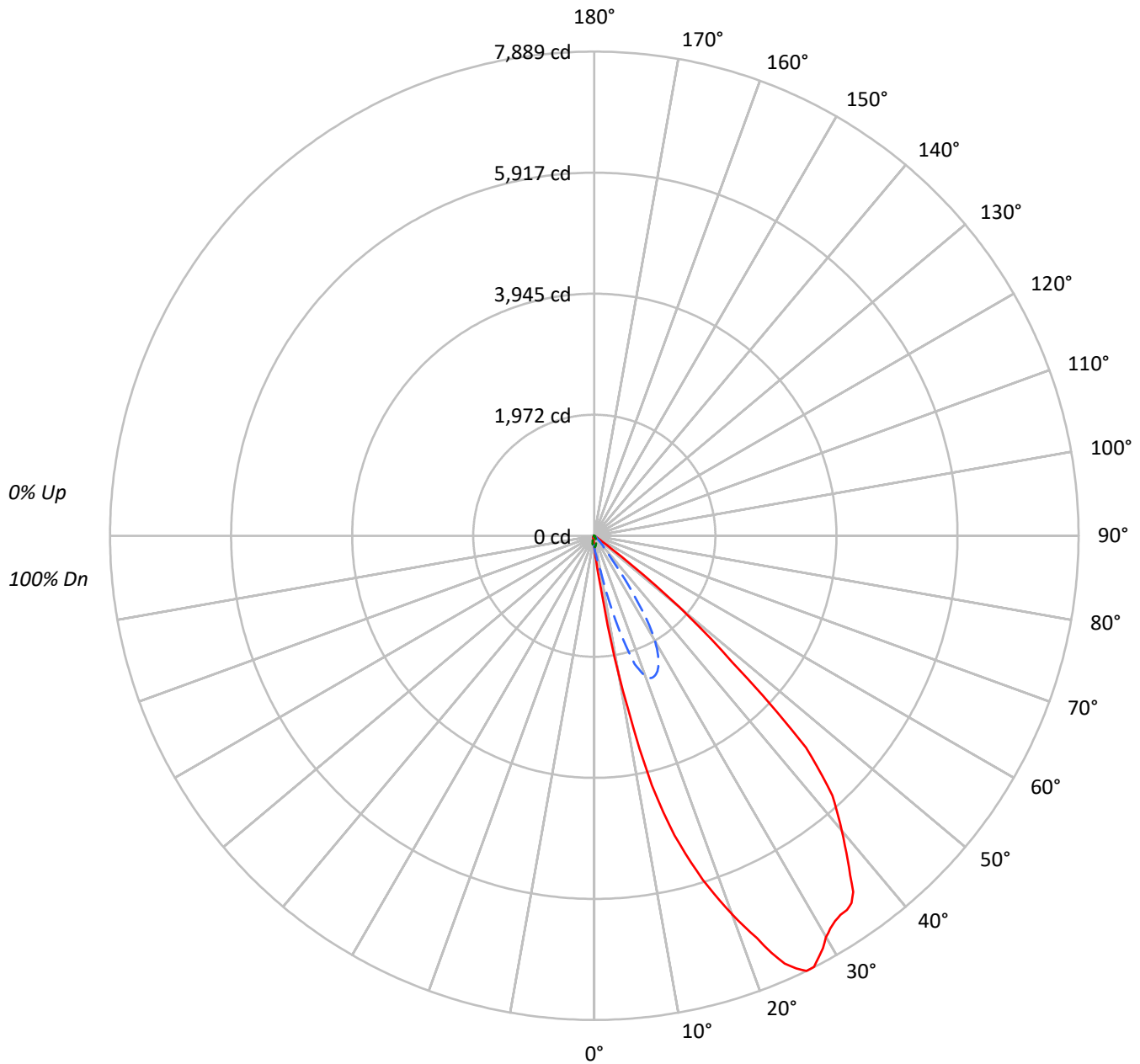
Lumens per Lamp: N/A
Luminaire Lumens: 2358.2 lumens
Efficiency: N/A
Efficacy: 75.6 lumens/watt
Spacing Criteria (0/90/45): 2.55 / 0.56 / 1.24
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
CIE Type: Direct

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

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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
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°	8064	8064	8064
5°	19756	7685	4249
10°	100132	6379	3104
15°	225248	4832	2465
20°	300838	3395	2071
25°	369621	2371	1815
30°	375374	1626	1665
35°	384060	1030	1477
40°	352682	613	1360
45°	297009	426	1230
50°	121487	368	1099
55°	5908	353	818
60°	336	336	543
65°	82	397	479
70°	101	491	491
75°	0	782	516
80°	0	1165	595
85°	0	2322	790

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.8	1.2
10°-20°	311.7	13.2
20°-30°	717.9	30.4
30°-40°	789.4	33.5
40°-50°	463.0	19.6
50°-60°	37.8	1.6
60°-70°	3.9	0.2
70°-80°	3.3	0.1
80°-90°	2.6	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°	1058.3	44.9
0°-40°	1847.7	78.4
0°-60°	2348.5	99.6
0°-90°	2358.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2358.2	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	187	187	187	187	187	
5°	457	315	178	110	98	96
15°	5053	1652	108	59	55	1426
25°	7780	2434	50	34	38	3486
35°	7307	876	20	21	28	4451
45°	4878	98	7	13	20	3378
55°	79	5	5	9	11	315
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	

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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	187.3	187.3	187.3	187.3	187.3	187.3	187.3	187.3	187.3	187.3	187.3
2.5°	288.6	282.4	280.8	280.1	275.3	277.7	279.3	275.3	275.3	275.3	266.8
5°	457.1	440.0	437.6	433.7	422.0	422.0	423.6	413.5	409.5	395.5	383.0
7.5°	937.6	872.9	903.3	886.2	838.6	823.0	819.8	777.0	750.4	697.3	649.0
10°	2290.3	2145.2	2189.7	2142.9	2032.1	1961.9	1961.9	1841.8	1752.0	1594.4	1435.3
11°	2861.2	2770.8	2816.0	2761.5	2631.1	2544.6	2542.3	2401.0	2291.1	2096.9	1898.7
12°	3545.4	3406.5	3377.7	3391.0	3245.1	3146.0	3134.3	2979.1	2855.1	2630.3	2404.1
13°	4172.6	4079.0	3980.7	3986.9	3834.0	3732.6	3707.6	3544.6	3413.6	3170.2	2919.7
14°	4638.2	4586.0	4501.0	4491.7	4353.6	4251.3	4221.0	4054.8	3917.5	3672.5	3409.7
15°	5053.3	5004.1	4923.8	4902.8	4770.2	4666.4	4631.3	4458.2	4317.7	4086.8	3832.5
17.5°	5876.2	5844.3	5813.0	5728.8	5628.2	5476.8	5427.7	5226.5	5043.9	4835.6	4557.9
20°	6565.8	6523.0	6457.4	6388.8	6261.6	6097.8	6063.5	5820.9	5629.8	5422.3	5097.8
21°	6817.8	6775.7	6705.5	6626.7	6482.4	6309.3	6261.6	6005.7	5804.5	5589.2	5259.2
22°	7069.7	7030.0	6958.2	6858.4	6698.4	6504.2	6433.2	6163.4	5951.1	5713.9	5382.5
23°	7381.8	7288.1	7210.2	7087.7	6899.8	6679.8	6583.8	6292.8	6069.7	5822.5	5484.7
24°	7629.1	7533.9	7442.7	7293.6	7081.5	6837.3	6714.9	6405.1	6177.3	5909.9	5569.0
25°	7780.4	7731.3	7635.3	7466.1	7235.9	6969.2	6825.6	6497.2	6248.3	5983.1	5638.4
26°	7888.9	7837.4	7754.7	7577.5	7357.6	7086.1	6911.5	6574.5	6317.0	6030.8	5684.4
27°	7884.9	7853.8	7784.4	7628.3	7443.5	7167.2	6983.2	6625.9	6352.9	6055.0	5702.2
28°	7780.4	7780.4	7749.2	7622.9	7463.7	7203.1	7009.0	6635.2	6356.7	6049.5	5690.7
29°	7685.3	7661.1	7667.3	7568.2	7432.4	7178.1	6990.2	6608.0	6327.9	6014.4	5655.6
30°	7550.3	7543.2	7570.6	7491.0	7378.7	7125.2	6930.1	6551.0	6271.0	5956.7	5599.3
31°	7466.1	7447.3	7473.8	7407.6	7284.3	7024.5	6838.9	6469.1	6196.1	5882.5	5530.7
32°	7402.9	7380.3	7411.4	7325.6	7191.4	6934.8	6736.7	6379.3	6098.6	5800.7	5443.3
33°	7364.6	7357.6	7369.3	7253.0	7080.7	6813.2	6633.8	6283.5	6005.0	5708.5	5347.4
34°	7357.6	7342.8	7322.4	7155.5	6969.2	6697.6	6517.5	6176.7	5904.4	5600.1	5230.4
35°	7306.9	7274.2	7228.2	7020.7	6811.6	6551.8	6381.7	6053.4	5777.9	5470.7	5085.3
36°	7175.9	7120.4	7070.5	6854.4	6637.6	6395.0	6235.0	5913.7	5639.1	5321.6	4919.1
37°	6923.8	6905.2	6844.3	6660.2	6462.1	6228.8	6074.4	5767.8	5483.9	5150.8	4733.5
38°	6705.5	6685.2	6629.0	6462.9	6282.7	6058.8	5905.1	5579.9	5309.1	4958.9	4530.6
39°	6483.9	6466.1	6423.1	6242.1	6085.3	5874.7	5721.0	5395.7	5118.8	4746.0	4306.8
40°	6274.9	6257.0	6217.9	6038.5	5883.3	5682.8	5526.8	5195.2	4934.7	4514.3	4050.1
42.5°	5742.1	5681.2	5631.4	5459.0	5320.1	5111.9	4943.3	4602.5	4237.4	3792.0	3326.2
45°	4877.8	4802.1	4742.8	4632.0	4480.8	4320.0	4092.3	3724.0	3346.5	2915.9	2281.7
47.5°	3045.4	2939.3	2871.5	2745.1	2575.0	2465.0	2404.9	2210.7	1953.2	1762.9	1280.9
50°	1813.7	1735.6	1678.7	1495.5	1365.9	1205.2	1052.3	769.9	617.8	467.2	386.9
51°	1304.3	1240.4	1206.7	1055.5	957.2	842.4	734.8	535.9	431.3	326.1	269.1
52°	755.0	706.0	704.4	606.9	568.7	521.9	446.2	353.4	301.9	236.3	202.0
53°	351.0	322.1	327.6	282.4	267.6	261.3	259.0	205.9	201.2	176.4	149.0
54°	157.6	144.3	135.0	130.2	126.4	127.9	131.0	118.6	113.8	110.8	101.3
55°	78.7	71.8	67.8	71.8	64.0	64.8	67.0	62.4	60.8	60.8	59.3
57.5°	17.2	16.4	16.4	17.2	16.4	16.4	17.2	17.2	17.2	16.4	16.4
60°	3.9	3.9	3.9	3.9	4.7	4.7	4.7	4.7	5.5	6.3	6.3



TEST NUMBER: P1212482

CATALOG NUMBER: LDSQA6A25935D010TE 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	1.6	1.6	1.6
64°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.6	1.6
65°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.6	1.6
66°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.6	1.6
67.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.6	1.6
70°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.6	1.6
72.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.6	1.6
75°	0.0	0.0	0.0	0.0	0.0	0.8	0.8	0.8	0.8	0.8	1.6
77.5°	0.0	0.0	0.0	0.0	0.8	0.8	0.8	0.8	0.8	0.8	1.6
80°	0.0	0.0	0.0	0.0	0.8	0.8	0.8	0.8	0.8	0.8	1.6
82.5°	0.0	0.0	0.0	0.0	0.0	0.8	0.8	0.8	0.8	0.8	1.6
85°	0.0	0.0	0.0	0.0	0.0	0.8	0.8	0.8	0.8	0.8	1.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.8	0.8	0.8	0.8	0.8	1.6
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°	187.3	187.3	187.3	187.3	187.3	187.3	187.3	187.3	187.3	187.3	187.3
2.5°	266.0	259.7	260.5	255.9	252.7	250.4	252.7	245.8	244.2	237.1	233.3
5°	379.8	365.1	360.4	349.5	337.0	330.8	328.4	315.2	308.2	294.9	287.0
7.5°	627.9	581.2	553.8	521.9	482.9	463.4	438.4	414.2	387.7	362.7	345.5
10°	1365.9	1217.0	1105.4	990.7	835.5	757.4	657.6	584.3	511.0	453.3	417.4
11°	1809.7	1620.2	1469.6	1310.6	1104.6	993.0	847.2	727.0	599.8	511.8	454.1
12°	2290.3	2063.2	1877.6	1670.1	1418.2	1268.4	1085.8	926.7	749.6	613.9	514.8
13°	2774.6	2514.1	2299.7	2048.5	1762.1	1569.5	1354.2	1157.6	936.1	762.9	619.4
14°	3243.5	2957.3	2719.3	2427.5	2117.1	1884.6	1639.8	1404.1	1142.7	932.2	752.0
15°	3662.4	3359.7	3110.9	2795.8	2469.7	2200.6	1926.0	1652.1	1380.0	1111.6	897.1
17.5°	4383.1	4064.9	3820.0	3488.5	3166.3	2859.8	2545.4	2189.7	1853.5	1520.3	1266.8
20°	4928.4	4544.7	4251.3	3859.0	3491.6	3146.0	2813.7	2450.9	2118.7	1759.1	1470.4
21°	5067.3	4669.5	4370.0	3976.8	3580.5	3215.4	2866.0	2485.2	2140.5	1777.8	1490.7
22°	5185.1	4785.7	4465.1	4052.5	3647.7	3261.4	2897.9	2497.7	2138.9	1764.5	1475.9
23°	5274.8	4868.5	4542.3	4118.7	3699.9	3295.1	2912.8	2492.3	2120.3	1737.2	1441.6
24°	5359.9	4944.1	4603.9	4160.1	3730.3	3300.5	2905.0	2470.5	2089.0	1695.9	1395.6
25°	5414.4	4994.8	4637.6	4180.5	3731.8	3285.6	2879.2	2433.8	2041.4	1639.8	1335.5
26°	5453.5	5019.0	4649.1	4173.4	3719.3	3256.0	2838.6	2379.2	1976.0	1570.3	1266.0
27°	5459.7	5017.4	4634.4	4149.2	3678.0	3199.8	2773.2	2302.8	1891.7	1490.0	1190.4
28°	5436.2	4988.6	4597.0	4102.4	3620.3	3125.0	2688.1	2210.7	1798.0	1401.0	1107.0
29°	5395.0	4940.2	4533.0	4025.9	3529.8	3024.3	2585.9	2103.8	1692.7	1300.3	1014.9
30°	5329.4	4869.9	4451.1	3936.3	3426.1	2910.4	2467.4	1979.0	1564.1	1177.2	894.7
31°	5250.7	4779.5	4340.3	3813.0	3295.7	2776.2	2330.0	1812.9	1398.6	1021.8	751.2
32°	5148.4	4664.8	4213.2	3676.5	3150.0	2622.6	2142.1	1600.7	1202.1	841.8	596.0
33°	5035.4	4537.7	4061.8	3500.2	2987.7	2416.6	1895.5	1360.5	982.9	651.3	438.4
34°	4895.7	4385.5	3901.2	3320.7	2779.4	2149.1	1578.8	1101.5	756.6	465.8	298.1
35°	4734.3	4210.0	3706.0	3109.4	2499.3	1841.0	1284.0	876.1	541.3	310.4	216.9
36°	4546.2	4019.7	3499.4	2835.6	2180.3	1518.9	999.2	642.0	370.5	236.3	186.5
37°	4343.4	3806.7	3222.5	2550.0	1837.8	1201.3	743.5	451.7	280.1	209.9	161.5
38°	4115.7	3579.7	2908.8	2195.8	1493.9	908.0	531.2	337.0	241.0	182.5	138.1
39°	3863.6	3299.7	2550.0	1823.0	1162.3	654.5	404.9	276.9	208.3	157.6	119.3
40°	3584.5	2905.0	2159.3	1454.9	864.4	471.9	330.0	239.5	181.8	135.0	101.3
42.5°	2654.5	1926.8	1188.1	686.4	407.9	294.1	219.2	168.5	119.3	81.1	52.3
45°	1595.2	983.7	521.1	356.4	258.2	197.4	141.2	97.5	56.9	35.1	24.2
47.5°	713.0	411.1	291.8	230.1	166.9	117.8	68.6	41.4	25.8	18.0	13.3
50°	277.7	225.4	174.0	132.6	80.3	46.8	29.7	19.6	13.3	9.3	6.3
51°	214.5	174.8	135.8	97.5	53.9	32.7	21.8	14.8	10.1	7.0	4.7
52°	164.7	134.2	102.1	65.6	36.7	25.0	17.2	10.9	7.8	4.7	3.9
53°	120.9	102.9	71.0	46.0	26.5	18.8	13.3	8.6	5.5	3.9	3.1
54°	83.5	71.0	45.2	28.9	19.6	14.1	9.3	6.3	3.9	3.1	3.1
55°	50.7	44.4	29.7	21.0	14.1	10.1	7.0	4.7	3.1	2.4	2.4
57.5°	15.6	14.1	11.7	9.3	6.3	4.7	3.1	2.4	2.4	2.4	2.4
60°	5.5	5.5	4.7	3.9	2.4	2.4	2.4	2.4	2.4	2.4	2.4



TEST NUMBER: P1212482

CATALOG NUMBER: LDSQA6A25935D010TE LAR35FL 6LSQA1H 30°

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
63°	1.6	1.6	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
64°	1.6	1.6	1.6	1.6	2.4	2.4	2.4	2.4	2.4	2.4	3.1
65°	1.6	1.6	1.6	1.6	2.4	2.4	2.4	2.4	2.4	2.4	3.1
66°	1.6	1.6	1.6	1.6	2.4	2.4	2.4	2.4	2.4	2.4	3.1
67.5°	1.6	1.6	1.6	1.6	2.4	2.4	2.4	2.4	2.4	2.4	3.1
70°	1.6	1.6	1.6	1.6	2.4	2.4	2.4	2.4	2.4	3.1	3.1
72.5°	1.6	1.6	1.6	1.6	2.4	2.4	2.4	2.4	2.4	3.1	3.1
75°	1.6	1.6	1.6	2.4	2.4	2.4	2.4	2.4	3.1	3.1	3.1
77.5°	1.6	1.6	1.6	2.4	2.4	2.4	2.4	2.4	3.1	3.1	3.1
80°	1.6	1.6	1.6	1.6	2.4	2.4	2.4	2.4	3.1	3.1	3.1
82.5°	1.6	1.6	1.6	1.6	2.4	2.4	2.4	2.4	3.1	3.1	3.1
85°	1.6	1.6	1.6	1.6	2.4	2.4	2.4	2.4	3.1	3.1	3.1
87.5°	1.6	1.6	1.6	2.4	2.4	2.4	2.4	2.4	3.1	3.1	3.1
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: P1212482

CATALOG NUMBER: LDSQA6A25935D010TE LAR35FL 6LSQA1H 30°

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	187.3	187.3	187.3	187.3	187.3	187.3	187.3	187.3	187.3	187.3	187.3
2.5°	230.1	226.2	223.0	220.0	216.1	213.7	211.3	206.7	204.4	199.0	195.0
5°	278.5	269.9	261.3	252.7	245.0	238.7	232.5	223.8	217.6	208.3	200.4
7.5°	326.9	309.6	294.1	280.8	266.8	256.7	245.0	232.5	221.6	209.1	197.4
10°	381.4	349.5	322.9	299.5	279.3	262.9	247.2	230.1	216.9	200.4	187.3
11°	404.9	366.7	333.8	305.8	282.4	263.6	245.8	227.0	212.1	195.8	181.0
12°	439.2	383.0	344.7	312.0	284.0	262.9	243.4	223.0	207.5	190.3	175.6
13°	496.9	412.7	355.8	315.9	286.3	261.3	239.5	217.6	201.2	183.3	167.7
14°	592.9	465.0	378.4	322.9	286.3	259.7	234.7	211.3	193.5	175.6	159.9
15°	709.8	550.0	422.0	337.8	285.6	256.7	230.1	205.2	185.7	166.9	149.8
17.5°	1009.5	795.6	609.3	447.8	327.6	251.2	212.9	184.1	163.1	141.9	126.4
20°	1188.9	945.5	736.4	550.0	395.5	275.3	198.2	160.7	138.1	119.3	104.5
21°	1210.7	964.9	750.4	562.5	403.3	278.5	193.5	150.6	127.9	109.2	95.9
22°	1203.6	959.5	744.1	555.4	395.5	271.5	184.9	141.2	118.6	100.7	87.4
23°	1169.3	929.0	714.6	527.3	374.4	255.1	172.4	131.0	109.2	92.0	79.5
24°	1119.5	878.3	669.3	486.0	337.0	226.2	154.4	120.1	99.9	84.2	74.1
25°	1060.1	820.6	612.3	439.2	292.5	194.2	135.8	109.2	90.4	76.5	67.8
26°	993.8	758.2	553.0	386.1	245.8	163.1	120.1	99.1	81.1	68.6	61.6
27°	922.9	690.4	490.6	328.4	204.4	138.9	108.4	88.2	73.3	63.2	56.1
28°	847.2	622.4	422.8	273.8	169.3	121.7	97.5	78.7	65.6	56.9	51.5
29°	762.1	542.9	357.2	223.8	139.6	107.6	86.6	70.2	59.3	52.3	47.6
30°	655.3	453.3	286.3	180.2	120.1	95.9	77.3	63.2	53.9	48.4	43.6
31°	533.6	352.6	217.6	142.7	104.5	85.0	68.6	56.9	49.2	44.4	39.8
32°	403.3	256.7	162.3	118.6	92.0	74.9	60.8	51.5	45.2	39.8	36.7
33°	284.0	183.3	131.0	102.9	80.3	65.6	54.7	46.8	41.4	35.9	32.7
34°	195.0	147.5	113.8	89.0	70.2	58.5	49.2	42.2	36.7	31.9	28.9
35°	164.7	128.7	98.3	76.5	60.8	51.5	43.6	37.5	31.9	28.1	25.0
36°	141.9	111.6	84.2	67.0	53.1	44.4	38.2	31.9	27.3	23.4	21.8
37°	122.5	95.9	72.5	57.7	45.2	37.5	31.3	26.5	23.4	20.2	18.8
38°	106.1	81.1	61.6	49.2	37.5	30.5	25.8	21.8	19.6	17.2	15.6
39°	90.4	67.8	49.9	39.0	29.7	25.0	21.0	18.8	16.4	14.8	13.3
40°	74.9	53.9	38.2	30.5	23.4	20.2	17.2	15.6	13.3	12.5	11.7
42.5°	35.1	25.8	20.2	17.2	14.1	12.5	10.9	9.3	8.6	7.8	7.8
45°	18.0	14.8	10.9	9.3	7.8	7.0	6.3	5.5	5.5	5.5	5.5
47.5°	9.3	7.0	5.5	4.7	3.9	3.9	3.9	3.9	3.9	3.9	3.9
50°	4.7	3.1	3.1	3.1	2.4	3.1	3.1	3.1	3.1	3.9	3.9
51°	3.1	3.1	2.4	2.4	2.4	3.1	3.1	3.1	3.1	3.9	3.9
52°	3.1	2.4	2.4	2.4	2.4	3.1	3.1	3.1	3.1	3.9	3.9
53°	2.4	2.4	2.4	2.4	2.4	2.4	3.1	3.1	3.1	3.9	3.9
54°	2.4	2.4	2.4	2.4	2.4	2.4	3.1	3.1	3.1	3.9	3.9
55°	2.4	2.4	2.4	2.4	2.4	2.4	3.1	3.1	3.1	3.1	3.9
57.5°	2.4	2.4	2.4	2.4	2.4	3.1	3.1	3.1	3.1	3.1	3.9
60°	2.4	2.4	2.4	2.4	3.1	3.1	3.1	3.1	3.1	3.1	3.9

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P1212482

CATALOG NUMBER: LDSQA6A25935D010TE LAR35FL 6LSQA1H 30°

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
63°	2.4	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.9
64°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.9
65°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.9
66°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.9	3.9
67.5°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.9	3.9
70°	3.1	3.1	3.1	3.1	3.1	3.1	3.9	3.9	3.9	3.9	3.9
72.5°	3.1	3.1	3.1	3.1	3.1	3.9	3.9	3.9	3.9	3.9	3.9
75°	3.1	3.1	3.1	3.1	3.9	3.9	3.9	3.9	3.9	3.9	3.9
77.5°	3.1	3.1	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
80°	3.1	3.1	3.1	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
82.5°	3.1	3.1	3.1	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
85°	3.1	3.1	3.1	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
87.5°	3.1	3.1	3.1	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P1212482

CATALOG NUMBER: LDSQA6A25935D010TE LAR35FL 6LSQA1H 30°

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
0°	187.3	187.3	187.3	187.3	187.3	187.3	187.3	187.3
2.5°	195.0	188.1	188.7	184.9	154.4	138.1	129.5	123.3
5°	196.6	186.5	184.1	177.8	128.7	110.0	102.1	98.3
7.5°	191.1	177.8	173.2	164.7	109.2	92.0	85.8	82.7
10°	178.6	163.9	156.0	145.9	93.6	79.5	73.3	71.0
11°	172.4	156.8	149.0	138.9	88.2	74.9	69.4	67.0
12°	165.3	149.0	141.9	131.0	82.7	70.2	65.6	63.2
13°	157.6	141.2	134.2	124.1	77.3	66.4	62.4	60.1
14°	148.2	133.4	126.4	117.0	72.5	62.4	59.3	57.7
15°	139.6	125.6	117.8	108.4	68.6	59.3	56.9	55.3
17.5°	117.0	104.5	98.3	90.4	57.7	50.7	50.7	49.9
20°	95.9	85.0	80.3	74.1	48.4	44.4	45.2	45.2
21°	88.2	78.7	74.1	68.6	46.0	42.2	43.6	43.6
22°	80.3	71.8	68.6	63.2	43.0	39.8	42.2	42.2
23°	74.1	65.6	63.2	58.5	39.8	38.2	40.6	40.6
24°	67.8	60.8	57.7	53.9	37.5	35.9	39.0	39.8
25°	62.4	55.3	53.1	49.9	35.1	34.3	37.5	38.2
26°	56.9	50.7	49.2	46.0	32.7	32.7	35.9	37.5
27°	52.3	47.6	45.2	42.2	30.5	31.3	35.1	35.9
28°	48.4	43.6	41.4	39.0	28.1	29.7	33.5	35.1
29°	44.4	39.8	38.2	35.9	26.5	28.1	31.9	34.3
30°	40.6	36.7	35.1	32.7	25.0	26.5	31.3	33.5
31°	37.5	33.5	31.9	29.7	23.4	25.8	29.7	31.9
32°	33.5	30.5	28.9	27.3	21.8	24.2	28.9	31.3
33°	30.5	26.5	25.8	24.2	21.0	23.4	28.1	29.7
34°	26.5	23.4	22.6	21.8	19.6	21.8	26.5	28.9
35°	22.6	21.0	20.2	19.6	18.0	21.0	25.8	28.1
36°	20.2	18.0	18.0	17.2	17.2	20.2	25.0	27.3
37°	17.2	16.4	15.6	15.6	15.6	18.8	23.4	26.5
38°	14.8	14.1	14.1	14.1	14.8	18.0	22.6	25.8
39°	12.5	12.5	12.5	12.5	14.1	17.2	21.8	25.0
40°	10.9	10.9	10.9	10.9	13.3	16.4	21.0	24.2
42.5°	7.8	7.8	7.8	8.6	10.9	14.8	18.8	22.6
45°	6.3	6.3	6.3	7.0	10.1	13.3	17.2	20.2
47.5°	4.7	4.7	5.5	6.3	8.6	11.7	15.6	18.8
50°	3.9	4.7	4.7	5.5	7.8	10.9	13.3	16.4
51°	3.9	3.9	4.7	4.7	7.0	10.1	12.5	15.6
52°	3.9	3.9	4.7	4.7	7.0	9.3	12.5	14.1
53°	3.9	3.9	4.7	4.7	7.0	9.3	11.7	13.3
54°	3.9	3.9	4.7	4.7	6.3	8.6	10.9	12.5
55°	3.9	3.9	4.7	4.7	6.3	8.6	10.9	10.9
57.5°	3.9	3.9	3.9	4.7	5.5	7.8	9.3	9.3
60°	3.9	3.9	3.9	3.9	5.5	7.0	8.6	6.3



TEST NUMBER: P1212482

CATALOG NUMBER: LDSQA6A25935D010TE LAR35FL 6LSQA1H 30°

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
63°	3.9	3.9	3.9	3.9	4.7	6.3	7.0	4.7
64°	3.9	3.9	3.9	4.7	4.7	6.3	6.3	4.7
65°	3.9	3.9	3.9	3.9	4.7	5.5	6.3	4.7
66°	3.9	3.9	3.9	3.9	4.7	5.5	5.5	4.7
67.5°	3.9	3.9	3.9	3.9	4.7	5.5	5.5	3.9
70°	3.9	3.9	3.9	3.9	4.7	4.7	4.7	3.9
72.5°	3.9	3.9	3.9	3.9	3.9	4.7	3.9	3.1
75°	3.9	3.9	4.7	4.7	3.9	3.9	3.1	3.1
77.5°	3.9	3.9	4.7	4.7	3.9	3.9	3.1	2.4
80°	3.9	3.9	4.7	4.7	3.9	3.1	2.4	2.4
82.5°	3.9	3.9	4.7	4.7	3.9	3.1	2.4	1.6
85°	3.9	3.9	4.7	4.7	3.9	3.1	1.6	1.6
87.5°	3.9	3.9	4.7	4.7	3.9	2.4	1.6	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



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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

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

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Scaled Data Report



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Cooper Lighting Solutions Photometric Lab

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Scaled Data Report





61°	2.4	2.4	2.4	2.4	2.4	2.4	3.1	3.1	3.1	3.9	3.9
62°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	2.4	2.4	2.4

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Cooper Lighting Solutions Photometric Lab

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Peachtree City, GA 30269

Scaled Data Report





61°	3.9	3.9	3.1	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
62°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4

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Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report





61°	2.4	2.4	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.9
62°	2.4	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.9

Classified

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



61°	3.9	3.9	3.9	3.9	5.5	7.0	7.8	5.5
62°	3.9	3.9	3.9	3.9	5.5	7.0	7.0	5.5

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Peachtree City, GA 30269

Scaled Data Report



(END OF REPORT)