

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: P1212476

Luminaire Tested: **LDSQA6A25930D010TE LAR35FL 6LSQA1H 30°**

Issue Date: 3/3/2020



Test Information

Test Method: LM-41-14
Report Number: P1212476
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: LDSQA6A25930D010TE 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 / 3000K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

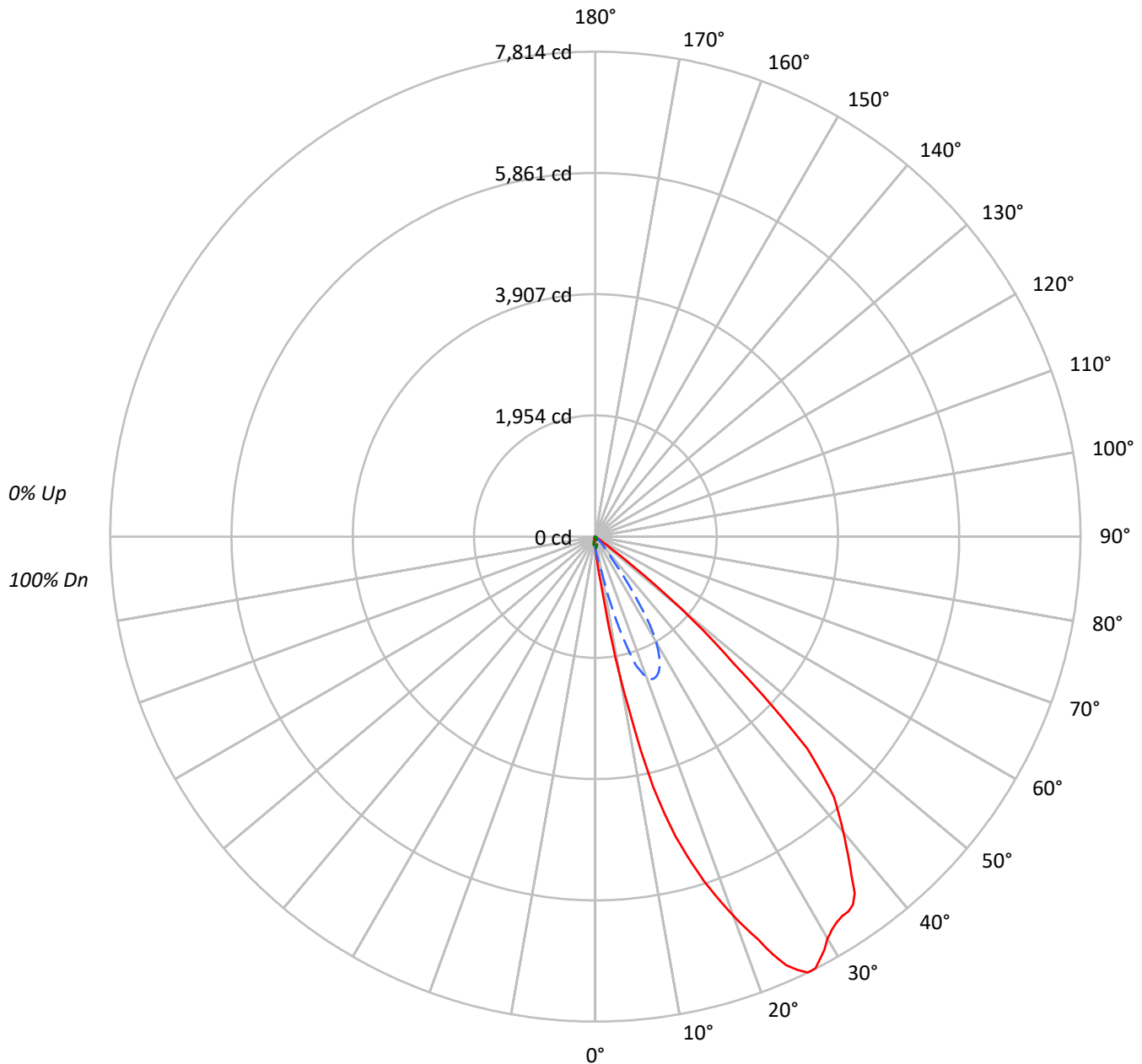
Lumens per Lamp: N/A
Luminaire Lumens: 2335.8 lumens
Efficiency: N/A
Efficacy: 74.9 lumens/watt
Spacing Criteria (0/90/45): 2.55 / 0.56 / 1.24
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
CIE Type: Direct

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: P1212476

CATALOG NUMBER: LDSQA6A25930D010TE LAR35FL 6LSQA1H 30°

Luminous Intensity Polar Plot



Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P1212476

CATALOG NUMBER: LDSQA6A25930D010TE LAR35FL 6LSQA1H 30°

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					0
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°	7983	7983	7983
5°	19566	7615	4210
10°	99183	6313	3078
15°	223109	4792	2443
20°	297978	3363	2053
25°	366105	2352	1801
30°	371809	1616	1651
35°	380412	1014	1461
40°	349326	607	1343
45°	294183	420	1224
50°	120328	368	1085
55°	5863	353	811
60°	336	336	525
65°	82	397	479
70°	101	491	491
75°	0	782	516
80°	0	1165	570
85°	0	2322	790



TEST NUMBER: P1212476

CATALOG NUMBER: LDSQA6A25930D010TE LAR35FL 6LSQA1H 30°

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.5	1.2
10°-20°	308.7	13.2
20°-30°	711.0	30.4
30°-40°	781.9	33.5
40°-50°	458.6	19.6
50°-60°	37.4	1.6
60°-70°	3.9	0.2
70°-80°	3.3	0.1
80°-90°	2.5	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°	1048.3	44.9
0°-40°	1830.1	78.4
0°-60°	2326.2	99.6
0°-90°	2335.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2335.8	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	185	185	185	185	185	
5°	453	312	176	109	97	95
15°	5005	1636	108	59	55	1413
25°	7706	2411	50	34	38	3453
35°	7238	868	19	21	28	4409
45°	4831	97	7	13	20	3346
55°	78	5	5	8	11	312
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: P1212476

CATALOG NUMBER: LDSQA6A25930D010TE LAR35FL 6LSQA1H 30°

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	185.4	185.4	185.4	185.4	185.4	185.4	185.4	185.4	185.4	185.4	185.4
2.5°	285.8	279.7	278.1	277.4	272.8	275.0	276.6	272.8	272.8	272.8	264.3
5°	452.7	435.8	433.4	429.6	418.0	418.0	419.6	409.5	405.7	391.7	379.3
7.5°	928.7	864.6	894.7	877.8	830.6	815.2	812.1	769.5	743.3	690.8	642.8
10°	2268.6	2124.8	2168.8	2122.5	2012.8	1943.3	1943.3	1824.2	1735.4	1579.2	1421.6
11°	2834.1	2744.5	2789.3	2735.1	2606.1	2520.4	2518.1	2378.2	2269.2	2076.9	1880.6
12°	3511.7	3374.2	3345.6	3358.8	3214.2	3116.1	3104.5	2950.7	2828.0	2605.3	2381.4
13°	4133.0	4040.3	3942.9	3949.0	3797.5	3697.1	3672.4	3510.9	3381.1	3140.1	2892.1
14°	4594.2	4542.5	4458.2	4449.0	4312.1	4210.9	4180.9	4016.2	3880.3	3637.7	3377.3
15°	5005.3	4956.6	4877.0	4856.1	4724.8	4622.0	4587.3	4415.7	4276.6	4048.0	3796.1
17.5°	5820.3	5788.7	5757.8	5674.4	5574.7	5424.8	5376.1	5176.8	4996.0	4789.7	4514.7
20°	6503.4	6461.0	6396.1	6328.0	6202.1	6039.8	6005.9	5765.6	5576.3	5370.7	5049.3
21°	6752.9	6711.3	6641.8	6563.7	6420.7	6249.3	6202.1	5948.7	5749.3	5536.1	5209.2
22°	7002.6	6963.2	6892.1	6793.2	6634.8	6442.4	6372.0	6104.7	5894.6	5659.7	5331.3
23°	7311.7	7219.0	7141.7	7020.4	6834.1	6616.2	6521.3	6233.0	6012.0	5767.1	5432.5
24°	7556.5	7462.4	7371.9	7224.3	7014.2	6772.4	6651.1	6344.2	6118.7	5853.6	5516.0
25°	7706.4	7657.7	7562.8	7395.1	7167.1	6903.0	6760.8	6435.5	6189.0	5926.2	5584.8
26°	7813.9	7762.8	7681.0	7505.6	7287.7	7018.8	6845.8	6511.9	6257.0	5973.4	5630.3
27°	7810.0	7779.0	7710.3	7555.7	7372.7	7099.1	6916.8	6562.9	6292.5	5997.4	5648.1
28°	7706.4	7706.4	7675.6	7550.4	7392.8	7134.7	6942.3	6572.2	6296.4	5991.9	5636.5
29°	7612.3	7588.2	7594.4	7496.3	7361.8	7109.9	6923.7	6545.2	6267.8	5957.2	5601.7
30°	7478.6	7471.5	7498.7	7419.8	7308.5	7057.4	6864.3	6488.8	6211.4	5900.0	5546.1
31°	7395.1	7376.6	7402.8	7337.1	7215.1	6957.8	6773.8	6407.7	6137.2	5826.6	5478.1
32°	7332.6	7310.1	7340.9	7255.9	7123.1	6868.9	6672.6	6318.8	6040.6	5745.5	5391.6
33°	7294.7	7287.7	7299.3	7184.1	7013.4	6748.4	6570.6	6223.7	5947.9	5654.2	5296.6
34°	7287.7	7273.0	7252.9	7087.6	6903.0	6634.0	6455.6	6117.9	5848.3	5546.9	5180.6
35°	7237.5	7205.0	7159.4	6953.9	6746.8	6489.5	6321.1	5995.8	5723.1	5418.7	5037.0
36°	7107.7	7052.9	7003.4	6789.4	6574.6	6334.3	6175.9	5857.5	5585.5	5271.1	4872.3
37°	6858.1	6839.5	6779.3	6596.9	6400.6	6169.6	6016.7	5713.0	5431.7	5101.9	4688.5
38°	6641.8	6621.7	6566.1	6401.4	6222.9	6001.2	5848.9	5526.8	5258.7	4911.8	4487.6
39°	6422.3	6404.5	6362.1	6182.8	6027.4	5818.9	5666.6	5344.5	5070.2	4700.9	4265.8
40°	6215.2	6197.5	6158.8	5981.1	5827.4	5628.8	5474.3	5145.9	4887.9	4471.3	4011.7
42.5°	5687.5	5627.2	5577.8	5407.0	5269.5	5063.2	4896.3	4558.7	4197.1	3755.9	3294.5
45°	4831.4	4756.5	4697.7	4588.0	4438.1	4279.0	4053.3	3688.6	3314.6	2888.2	2260.1
47.5°	3016.4	2911.4	2844.2	2718.9	2550.5	2441.6	2382.0	2189.7	1934.8	1746.2	1268.7
50°	1796.4	1719.2	1662.8	1481.2	1352.9	1193.8	1042.3	762.6	611.9	462.8	383.2
51°	1291.8	1228.5	1195.3	1045.4	948.0	834.4	727.8	530.8	427.3	322.9	266.5
52°	748.0	699.3	697.7	601.2	563.3	517.0	442.0	350.1	299.0	234.1	200.2
53°	347.7	319.1	324.5	279.7	265.1	258.8	256.6	204.0	199.4	174.6	147.6
54°	156.1	143.0	133.7	129.0	125.2	126.7	129.8	117.4	112.8	109.7	100.4
55°	78.1	71.0	67.2	71.0	63.3	64.1	66.5	61.8	60.2	60.2	58.8
57.5°	17.0	16.2	16.2	17.0	16.2	16.2	17.0	17.0	17.0	16.2	16.2
60°	3.9	3.9	3.9	3.9	4.7	4.7	4.7	4.7	5.5	6.1	6.1



TEST NUMBER: P1212476

CATALOG NUMBER: LDSQA6A25930D010TE 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

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P1212476

CATALOG NUMBER: LDSQA6A25930D010TE LAR35FL 6LSQA1H 30°

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	185.4	185.4	185.4	185.4	185.4	185.4	185.4	185.4	185.4	185.4	185.4
2.5°	263.5	257.4	258.0	253.4	250.3	248.0	250.3	243.4	241.8	234.9	231.0
5°	376.3	361.6	357.0	346.2	333.8	327.6	325.3	312.2	305.2	292.1	284.4
7.5°	622.0	575.6	548.6	517.0	478.3	459.0	434.2	410.3	384.0	359.2	342.3
10°	1352.9	1205.4	1094.9	981.3	827.5	750.3	651.3	578.7	506.1	448.9	413.4
11°	1792.6	1604.8	1455.7	1298.1	1094.1	983.5	839.1	720.1	594.1	506.9	449.7
12°	2268.6	2043.7	1859.7	1654.3	1404.7	1256.3	1075.6	918.0	742.5	608.1	509.9
13°	2748.3	2490.3	2277.8	2029.0	1745.5	1554.6	1341.3	1146.6	927.1	755.7	613.5
14°	3212.7	2929.2	2693.5	2404.5	2097.0	1866.8	1624.1	1390.8	1132.0	923.3	744.8
15°	3627.6	3327.8	3081.3	2769.2	2446.3	2179.6	1907.8	1636.4	1366.8	1101.0	888.6
17.5°	4341.5	4026.3	3783.7	3455.3	3136.3	2832.5	2521.1	2168.8	1835.8	1506.0	1254.9
20°	4881.6	4501.5	4210.9	3822.3	3458.4	3116.1	2787.0	2427.6	2098.5	1742.3	1456.5
21°	5019.2	4625.1	4328.4	3939.1	3546.4	3185.0	2838.8	2461.7	2120.2	1760.9	1476.6
22°	5135.8	4740.3	4422.6	4013.9	3612.9	3230.4	2870.4	2474.1	2118.6	1747.8	1461.8
23°	5224.6	4822.2	4499.1	4079.6	3664.7	3263.7	2885.0	2468.6	2100.1	1720.8	1427.9
24°	5309.0	4897.1	4560.2	4120.6	3694.9	3269.1	2877.3	2446.9	2069.2	1679.8	1382.3
25°	5363.0	4947.3	4593.4	4140.7	3696.3	3254.4	2851.9	2410.6	2022.0	1624.1	1322.8
26°	5401.7	4971.3	4605.0	4133.6	3684.0	3225.1	2811.8	2356.6	1957.1	1555.3	1254.1
27°	5407.8	4969.7	4590.4	4109.7	3643.1	3169.4	2746.8	2280.8	1873.7	1475.8	1179.0
28°	5384.6	4941.1	4553.3	4063.4	3585.9	3095.3	2662.5	2189.7	1781.0	1387.7	1096.5
29°	5343.7	4893.2	4489.9	3987.7	3496.3	2995.6	2561.3	2083.8	1676.6	1288.0	1005.2
30°	5278.8	4823.6	4408.8	3898.8	3393.5	2882.8	2443.9	1960.3	1549.2	1165.9	886.2
31°	5200.7	4734.0	4299.1	3776.8	3264.5	2749.9	2307.9	1795.6	1385.3	1012.1	744.0
32°	5099.5	4620.4	4173.1	3641.5	3120.0	2597.6	2121.7	1585.5	1190.6	833.6	590.3
33°	4987.5	4494.6	4023.2	3466.9	2959.2	2393.7	1877.6	1347.6	973.6	645.2	434.2
34°	4849.2	4343.9	3864.0	3289.2	2753.0	2128.7	1563.8	1091.0	749.5	461.2	295.1
35°	4689.2	4170.1	3670.9	3079.7	2475.5	1823.4	1271.7	867.7	536.3	307.5	214.8
36°	4503.0	3981.5	3466.1	2808.6	2159.5	1504.4	989.8	635.9	366.9	234.1	184.6
37°	4302.2	3770.6	3191.9	2525.8	1820.4	1190.0	736.3	447.4	277.4	207.9	160.0
38°	4076.6	3545.8	2881.2	2175.1	1479.6	899.3	526.1	333.8	238.7	180.7	136.7
39°	3826.9	3268.3	2525.8	1805.7	1151.2	648.2	401.0	274.2	206.3	156.1	118.2
40°	3550.3	2877.3	2138.8	1441.1	856.1	467.5	326.8	237.1	180.1	133.7	100.4
42.5°	2629.4	1908.4	1176.8	679.9	404.1	291.3	217.1	166.9	118.2	80.3	51.7
45°	1580.0	974.4	516.2	353.1	255.8	195.5	139.9	96.6	56.4	34.7	23.9
47.5°	706.2	407.2	289.0	228.0	165.3	116.6	68.0	41.0	25.5	17.8	13.2
50°	275.0	223.3	172.4	131.4	79.5	46.4	29.4	19.3	13.2	9.3	6.1
51°	212.5	173.0	134.5	96.6	53.3	32.5	21.7	14.6	10.1	6.9	4.7
52°	163.1	132.9	101.2	64.9	36.3	24.7	17.0	10.8	7.7	4.7	3.9
53°	119.7	102.0	70.4	45.6	26.3	18.5	13.2	8.5	5.5	3.9	3.1
54°	82.7	70.4	44.8	28.6	19.3	14.0	9.3	6.1	3.9	3.1	3.1
55°	50.3	44.0	29.4	20.9	14.0	10.1	6.9	4.7	3.1	2.3	2.3
57.5°	15.4	14.0	11.6	9.3	6.1	4.7	3.1	2.3	2.3	2.3	2.3
60°	5.5	5.5	4.7	3.9	2.3	2.3	2.3	2.3	2.3	2.3	2.3



TEST NUMBER: P1212476

CATALOG NUMBER: LDSQA6A25930D010TE 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	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
64°	1.6	1.6	1.6	1.6	2.3	2.3	2.3	2.3	2.3	2.3	3.1
65°	1.6	1.6	1.6	1.6	2.3	2.3	2.3	2.3	2.3	2.3	3.1
66°	1.6	1.6	1.6	1.6	2.3	2.3	2.3	2.3	2.3	2.3	3.1
67.5°	1.6	1.6	1.6	1.6	2.3	2.3	2.3	2.3	2.3	2.3	3.1
70°	1.6	1.6	1.6	1.6	2.3	2.3	2.3	2.3	2.3	3.1	3.1
72.5°	1.6	1.6	1.6	1.6	2.3	2.3	2.3	2.3	2.3	3.1	3.1
75°	1.6	1.6	1.6	2.3	2.3	2.3	2.3	2.3	3.1	3.1	3.1
77.5°	1.6	1.6	1.6	2.3	2.3	2.3	2.3	2.3	3.1	3.1	3.1
80°	1.6	1.6	1.6	1.6	2.3	2.3	2.3	2.3	3.1	3.1	3.1
82.5°	1.6	1.6	1.6	1.6	2.3	2.3	2.3	2.3	3.1	3.1	3.1
85°	1.6	1.6	1.6	1.6	2.3	2.3	2.3	2.3	3.1	3.1	3.1
87.5°	1.6	1.6	1.6	2.3	2.3	2.3	2.3	2.3	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: P1212476

CATALOG NUMBER: LDSQA6A25930D010TE LAR35FL 6LSQA1H 30°

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	185.4	185.4	185.4	185.4	185.4	185.4	185.4	185.4	185.4	185.4	185.4
2.5°	228.0	224.1	220.9	217.9	214.0	211.7	209.3	204.8	202.4	197.0	193.1
5°	275.8	267.3	258.8	250.3	242.6	236.5	230.2	221.7	215.6	206.3	198.6
7.5°	323.7	306.7	291.3	278.1	264.3	254.2	242.6	230.2	219.4	207.1	195.5
10°	377.9	346.2	319.9	296.7	276.6	260.4	245.0	228.0	214.8	198.6	185.4
11°	401.0	363.1	330.6	302.8	279.7	261.2	243.4	224.9	210.1	193.9	179.3
12°	435.0	379.3	341.5	309.1	281.3	260.4	241.1	220.9	205.5	188.6	173.8
13°	492.2	408.7	352.3	312.9	283.6	258.8	237.1	215.6	199.4	181.5	166.1
14°	587.2	460.4	374.8	319.9	283.6	257.4	232.6	209.3	191.7	173.8	158.4
15°	703.2	544.8	418.0	334.5	282.8	254.2	228.0	203.2	183.9	165.3	148.3
17.5°	999.8	788.2	603.4	443.6	324.5	248.8	210.9	182.3	161.5	140.6	125.2
20°	1177.6	936.5	729.4	544.8	391.7	272.8	196.3	159.2	136.7	118.2	103.5
21°	1199.1	955.7	743.3	557.1	399.4	275.8	191.7	149.1	126.7	108.1	95.1
22°	1192.2	950.4	737.1	550.1	391.7	268.9	183.1	139.9	117.4	99.6	86.6
23°	1158.2	920.2	707.7	522.3	370.9	252.7	170.8	129.8	108.1	91.2	78.9
24°	1108.8	870.0	662.9	481.3	333.8	224.1	153.0	119.0	99.0	83.4	73.4
25°	1050.0	812.9	606.5	435.0	289.8	192.5	134.5	108.1	89.6	75.7	67.2
26°	984.3	751.1	547.8	382.5	243.4	161.5	119.0	98.2	80.3	68.0	61.0
27°	914.1	683.8	486.0	325.3	202.4	137.5	107.5	87.2	72.6	62.6	55.6
28°	839.1	616.6	418.8	271.2	167.7	120.5	96.6	78.1	64.9	56.4	50.9
29°	754.9	537.7	353.9	221.7	138.3	106.7	85.8	69.6	58.8	51.7	47.1
30°	649.0	448.9	283.6	178.5	119.0	95.1	76.5	62.6	53.3	47.9	43.2
31°	528.5	349.3	215.6	141.4	103.5	84.2	68.0	56.4	48.7	44.0	39.4
32°	399.4	254.2	160.7	117.4	91.2	74.2	60.2	50.9	44.8	39.4	36.3
33°	281.3	181.5	129.8	102.0	79.5	64.9	54.1	46.4	41.0	35.5	32.5
34°	193.1	146.0	112.8	88.0	69.6	58.0	48.7	41.8	36.3	31.7	28.6
35°	163.1	127.5	97.4	75.7	60.2	50.9	43.2	37.1	31.7	27.8	24.7
36°	140.6	110.5	83.4	66.5	52.5	44.0	37.9	31.7	27.0	23.1	21.7
37°	121.3	95.1	71.8	57.2	44.8	37.1	30.9	26.3	23.1	20.1	18.5
38°	105.1	80.3	61.0	48.7	37.1	30.2	25.5	21.7	19.3	17.0	15.4
39°	89.6	67.2	49.5	38.6	29.4	24.7	20.9	18.5	16.2	14.6	13.2
40°	74.2	53.3	37.9	30.2	23.1	20.1	17.0	15.4	13.2	12.4	11.6
42.5°	34.7	25.5	20.1	17.0	14.0	12.4	10.8	9.3	8.5	7.7	7.7
45°	17.8	14.6	10.8	9.3	7.7	6.9	6.1	5.5	5.5	5.5	5.5
47.5°	9.3	6.9	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	2.3	3.1	3.1	3.1	3.1	3.9	3.9
51°	3.1	3.1	2.3	2.3	2.3	3.1	3.1	3.1	3.1	3.9	3.9
52°	3.1	2.3	2.3	2.3	2.3	3.1	3.1	3.1	3.1	3.9	3.9
53°	2.3	2.3	2.3	2.3	2.3	2.3	3.1	3.1	3.1	3.9	3.9
54°	2.3	2.3	2.3	2.3	2.3	2.3	3.1	3.1	3.1	3.9	3.9
55°	2.3	2.3	2.3	2.3	2.3	2.3	3.1	3.1	3.1	3.1	3.9
57.5°	2.3	2.3	2.3	2.3	2.3	3.1	3.1	3.1	3.1	3.1	3.9
60°	2.3	2.3	2.3	2.3	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: P1212476

CATALOG NUMBER: LDSQA6A25930D010TE LAR35FL 6LSQA1H 30°

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
63°	2.3	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

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P1212476

CATALOG NUMBER: LDSQA6A25930D010TE LAR35FL 6LSQA1H 30°

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
0°	185.4	185.4	185.4	185.4	185.4	185.4	185.4	185.4
2.5°	193.1	186.2	187.0	183.1	153.0	136.7	128.2	122.1
5°	194.7	184.6	182.3	176.2	127.5	108.9	101.2	97.4
7.5°	189.3	176.2	171.6	163.1	108.1	91.2	85.0	81.9
10°	176.9	162.3	154.5	144.4	92.7	78.9	72.6	70.4
11°	170.8	155.3	147.6	137.5	87.2	74.2	68.8	66.5
12°	163.9	147.6	140.6	129.8	81.9	69.6	64.9	62.6
13°	156.1	139.9	132.9	122.9	76.5	65.7	61.8	59.5
14°	146.8	132.1	125.2	115.8	71.8	61.8	58.8	57.2
15°	138.3	124.4	116.6	107.5	68.0	58.8	56.4	54.8
17.5°	115.8	103.5	97.4	89.6	57.2	50.3	50.3	49.5
20°	95.1	84.2	79.5	73.4	47.9	44.0	44.8	44.8
21°	87.2	78.1	73.4	68.0	45.6	41.8	43.2	43.2
22°	79.5	71.0	68.0	62.6	42.6	39.4	41.8	41.8
23°	73.4	64.9	62.6	58.0	39.4	37.9	40.2	40.2
24°	67.2	60.2	57.2	53.3	37.1	35.5	38.6	39.4
25°	61.8	54.8	52.5	49.5	34.7	34.0	37.1	37.9
26°	56.4	50.3	48.7	45.6	32.5	32.5	35.5	37.1
27°	51.7	47.1	44.8	41.8	30.2	30.9	34.7	35.5
28°	47.9	43.2	41.0	38.6	27.8	29.4	33.2	34.7
29°	44.0	39.4	37.9	35.5	26.3	27.8	31.7	34.0
30°	40.2	36.3	34.7	32.5	24.7	26.3	30.9	33.2
31°	37.1	33.2	31.7	29.4	23.1	25.5	29.4	31.7
32°	33.2	30.2	28.6	27.0	21.7	23.9	28.6	30.9
33°	30.2	26.3	25.5	23.9	20.9	23.1	27.8	29.4
34°	26.3	23.1	22.3	21.7	19.3	21.7	26.3	28.6
35°	22.3	20.9	20.1	19.3	17.8	20.9	25.5	27.8
36°	20.1	17.8	17.8	17.0	17.0	20.1	24.7	27.0
37°	17.0	16.2	15.4	15.4	15.4	18.5	23.1	26.3
38°	14.6	14.0	14.0	14.0	14.6	17.8	22.3	25.5
39°	12.4	12.4	12.4	12.4	14.0	17.0	21.7	24.7
40°	10.8	10.8	10.8	10.8	13.2	16.2	20.9	23.9
42.5°	7.7	7.7	7.7	8.5	10.8	14.6	18.5	22.3
45°	6.1	6.1	6.1	6.9	10.1	13.2	17.0	20.1
47.5°	4.7	4.7	5.5	6.1	8.5	11.6	15.4	18.5
50°	3.9	4.7	4.7	5.5	7.7	10.8	13.2	16.2
51°	3.9	3.9	4.7	4.7	6.9	10.1	12.4	15.4
52°	3.9	3.9	4.7	4.7	6.9	9.3	12.4	14.0
53°	3.9	3.9	4.7	4.7	6.9	9.3	11.6	13.2
54°	3.9	3.9	4.7	4.7	6.1	8.5	10.8	12.4
55°	3.9	3.9	4.7	4.7	6.1	8.5	10.8	10.8
57.5°	3.9	3.9	3.9	4.7	5.5	7.7	9.3	9.3
60°	3.9	3.9	3.9	3.9	5.5	6.9	8.5	6.1



TEST NUMBER: P1212476

CATALOG NUMBER: LDSQA6A25930D010TE 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	6.1	6.9	4.7
64°	3.9	3.9	3.9	4.7	4.7	6.1	6.1	4.7
65°	3.9	3.9	3.9	3.9	4.7	5.5	6.1	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	2.3
80°	3.9	3.9	4.7	4.7	3.9	3.1	2.3	2.3
82.5°	3.9	3.9	4.7	4.7	3.9	3.1	2.3	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	2.3	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



Report Generated By 670245859 / DESKTOP-T8S5UU9

Classified

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report





— 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°	2.3	2.3	2.3	2.3	2.3	2.3	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	2.3	2.3	2.3

Classified

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report





61°	3.9	3.9	3.1	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
62°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3

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°	2.3	2.3	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.9
62°	2.3	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



Classified
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	6.9	7.7	5.5
62°	3.9	3.9	3.9	3.9	5.5	6.9	6.9	5.5

Classified

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report



(END OF REPORT)