

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: P1191989

Luminaire Tested: **LDA6A10950D010TE LAR35FL 6LLWW1**

Issue Date: 3/3/2020

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

**Test Information**

Test Method: LM-41-14
Report Number: P1191989
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P26296)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: io LED
Catalog Number: LDA6A10950D010TE LAR35FL 6LLWW1
Description: PORTFOLIO 6" Lensed Wall Wash, Self-flanged, 35° Flood Optic, at 30° tilt
Light Source: (1) HIGH LUMEN LED 90CRI / 5000K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

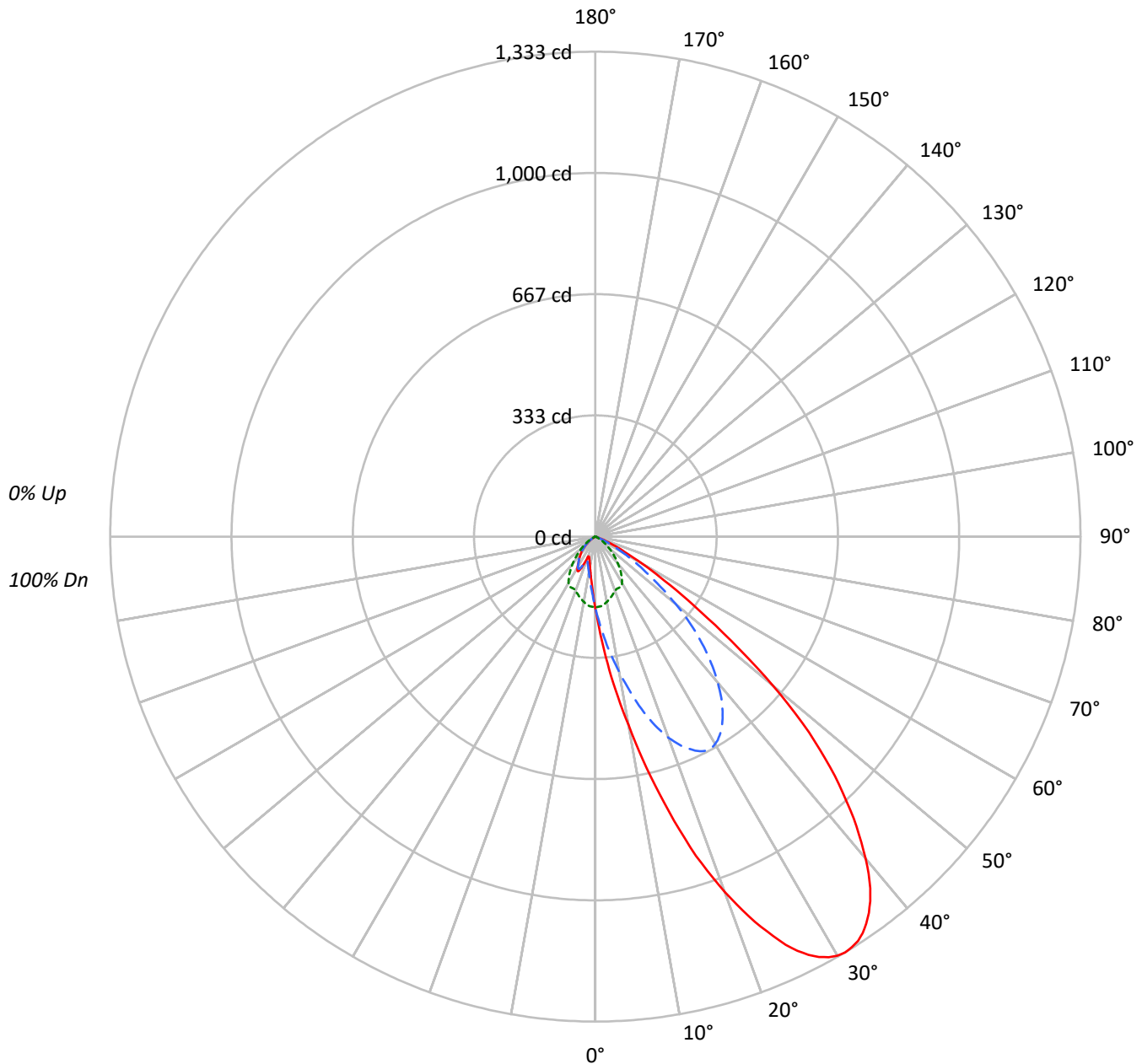
Lumens per Lamp: N/A
Luminaire Lumens: 828.6 lumens
Efficiency: N/A
Efficacy: 66.8 lumens/watt
Spacing Criteria (0/90/45): 2.33 / 1.13 / 1.63
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 12.4
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



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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
RCR																				
0	119	119	119	119	116	116	116	116		111	111	111		106	106	106		102	102	102
1	112	108	105	102	109	106	103	100		102	99	97		98	96	94		94	93	92
2	104	97	92	87	101	96	91	86		92	88	85		89	86	83		86	83	81
3	96	88	81	76	94	86	80	75		83	78	74		81	76	72		78	74	71
4	89	79	71	66	87	78	71	65		75	69	65		73	68	64		71	67	63
5	82	71	63	58	80	70	63	57		68	62	57		66	61	56		65	60	56
6	76	64	57	51	75	64	56	51		62	55	50		60	54	50		59	54	49
7	71	59	51	45	69	58	50	45		56	50	45		55	49	44		54	48	44
8	66	53	46	40	64	53	45	40		52	45	40		50	44	40		49	44	40
9	61	49	41	36	60	48	41	36		47	41	36		46	40	36		45	40	36
10	57	45	38	33	56	45	37	33		44	37	32		43	37	32		42	36	32

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°
0°	10728	10728	10728
5°	18264	10549	6741
10°	29325	10137	4648
15°	44438	9688	3593
20°	60672	9235	3360
25°	74895	9376	6146
30°	84209	9286	6229
35°	86880	8252	5233
40°	82726	6884	4501
45°	72178	5481	3698
50°	54420	4145	2456
55°	31454	2867	1300
60°	16282	1798	406
65°	7057	791	221
70°	2372	385	192
75°	784	360	254
80°	537	379	253
85°	252	755	503

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.0	2.5
10°-20°	84.5	10.2
20°-30°	180.0	21.7
30°-40°	233.7	28.2
40°-50°	196.0	23.7
50°-60°	90.4	10.9
60°-70°	19.5	2.4
70°-80°	2.5	0.3
80°-90°	0.9	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°	285.6	34.5
0°-40°	519.3	62.7
0°-60°	805.7	97.2
0°-90°	828.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	828.6	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	196	196	196	196	196	
5°	332	278	192	137	122	38
15°	783	491	171	79	63	230
25°	1238	649	155	93	102	568
35°	1298	609	123	79	78	802
45°	931	414	71	49	48	706
55°	329	169	30	18	14	313
65°	54	31	6	2	2	62
75°	4	2	2	2	1	6
85°	0	1	1	1	1	1
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°	195.7	195.7	195.7	195.7	195.7	195.7	195.7	195.7	195.7	195.7	195.7
2.5°	253.3	249.7	252.9	252.9	250.8	249.3	252.1	248.4	250.4	246.7	246.7
5°	331.9	322.4	326.9	326.5	322.8	323.6	322.4	317.1	318.2	312.5	310.9
7.5°	424.0	414.0	419.0	417.9	412.5	412.0	410.1	401.4	401.4	392.7	388.2
10°	526.8	519.4	525.2	522.6	516.2	513.2	510.0	498.0	495.6	482.4	475.0
12.5°	650.9	647.3	641.2	637.0	634.1	629.5	623.8	608.2	602.5	584.8	573.1
15°	783.0	781.2	774.3	775.1	764.1	750.9	754.3	728.3	718.4	695.3	679.7
17.5°	920.0	915.0	908.4	899.4	893.7	878.0	871.0	846.7	832.3	803.5	784.3
20°	1040.0	1037.9	1032.2	1020.7	1012.0	994.3	983.2	955.2	935.2	901.5	878.0
22.5°	1146.9	1143.7	1138.3	1124.3	1113.9	1093.1	1079.1	1047.0	1022.3	984.0	955.7
25°	1238.2	1232.1	1227.5	1210.7	1199.5	1174.9	1158.5	1122.7	1093.6	1051.1	1018.2
26°	1266.6	1261.3	1257.2	1239.5	1227.5	1201.7	1184.4	1146.9	1115.7	1072.6	1037.6
27°	1290.0	1285.4	1282.2	1263.7	1250.9	1224.3	1205.4	1167.5	1134.1	1089.7	1053.5
28°	1308.5	1304.5	1301.0	1281.9	1268.7	1241.1	1221.0	1182.3	1147.3	1101.8	1064.8
29°	1322.0	1318.0	1315.5	1295.0	1281.9	1253.5	1232.5	1192.6	1156.4	1109.9	1071.7
30°	1330.3	1326.2	1323.7	1302.4	1289.3	1260.5	1237.9	1197.9	1160.1	1113.1	1074.1
31°	1333.3	1328.7	1327.0	1305.3	1291.3	1261.6	1239.1	1197.9	1159.3	1112.0	1072.1
32°	1330.7	1326.6	1325.5	1303.2	1288.9	1258.7	1235.7	1194.2	1154.7	1107.0	1066.3
33°	1325.1	1320.9	1320.1	1297.5	1283.0	1252.3	1229.5	1187.3	1146.9	1098.8	1058.1
34°	1314.2	1310.2	1310.2	1287.1	1272.3	1241.4	1218.9	1176.6	1135.0	1087.3	1046.1
35°	1298.2	1296.7	1295.0	1271.5	1256.7	1225.8	1203.3	1160.5	1118.9	1071.7	1029.8
36°	1278.5	1277.3	1275.7	1252.3	1236.9	1206.1	1184.4	1141.5	1099.6	1052.8	1011.2
37°	1255.1	1254.2	1253.1	1229.5	1214.3	1183.9	1161.7	1119.8	1077.8	1031.4	989.8
38°	1226.7	1226.7	1225.5	1202.0	1186.8	1156.8	1135.4	1093.6	1052.0	1006.2	965.6
39°	1193.0	1193.7	1193.0	1169.5	1154.3	1124.8	1104.2	1063.4	1022.0	977.4	940.9
40°	1156.0	1157.1	1156.8	1133.7	1118.5	1089.7	1070.0	1030.1	993.2	945.8	910.4
42.5°	1051.1	1053.2	1053.5	1031.8	1017.4	990.6	973.0	936.4	897.6	858.2	826.3
45°	931.0	934.8	935.6	915.8	902.6	878.4	863.6	830.6	801.8	761.3	733.3
47.5°	796.5	801.8	803.9	785.8	773.1	752.1	741.1	713.1	688.0	651.4	628.0
50°	638.1	644.4	639.5	632.1	621.4	605.0	598.3	575.7	549.0	525.6	509.2
51°	569.6	576.2	579.8	565.3	556.4	541.6	536.6	517.4	493.4	473.4	459.4
52°	502.2	509.2	512.8	500.0	492.2	480.0	477.0	460.2	439.2	422.4	410.8
53°	438.8	445.4	441.3	438.4	431.4	421.1	419.4	405.5	387.4	373.5	364.4
54°	380.8	386.6	390.6	381.3	375.0	366.4	366.1	354.4	339.2	327.3	320.7
55°	329.1	334.3	338.0	330.2	324.9	317.5	317.5	308.0	295.3	285.5	280.5
57.5°	225.0	228.7	231.9	226.1	222.5	217.9	218.7	213.1	204.4	198.1	195.3
60°	148.5	151.3	153.4	149.8	147.6	144.8	145.6	142.0	138.9	132.4	131.1
61°	123.8	126.7	128.8	125.4	126.2	121.0	122.1	118.8	116.4	113.6	110.1
62°	102.3	104.9	106.5	103.6	104.4	99.9	101.2	98.7	96.6	93.8	91.3
63°	83.5	85.6	87.2	86.7	85.6	81.7	82.6	80.6	78.9	77.0	74.8
64°	67.8	69.6	70.7	70.7	69.6	66.1	67.0	65.0	64.2	62.2	60.4
65°	54.4	55.5	56.4	56.4	55.5	53.0	53.5	52.2	51.0	49.8	48.6
66°	42.7	44.0	44.8	44.8	44.0	42.0	42.3	41.2	40.4	39.0	38.2

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CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
72.5°	7.0	7.4	7.4	7.4	7.4	7.0	7.0	7.0	6.6	6.6	6.1
75°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.2	3.2	3.2	3.2
77.5°	2.4	2.4	2.4	2.4	2.4	2.0	2.0	2.0	2.0	2.0	2.0
80°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.2	1.2	1.2	1.2
82.5°	0.8	1.2	1.2	1.2	1.2	0.8	0.8	0.8	1.2	0.8	0.8
85°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4
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°	195.7	195.7	195.7	195.7	195.7	195.7	195.7	195.7	195.7	195.7	195.7
2.5°	245.5	243.5	243.0	240.1	235.7	238.1	232.8	232.8	230.7	229.9	226.1
5°	307.2	303.1	300.7	294.8	290.3	288.7	280.1	277.5	272.7	268.9	262.3
7.5°	382.0	374.2	368.5	359.4	350.8	346.6	333.5	327.3	319.1	311.7	301.5
10°	464.7	452.8	443.2	429.8	416.6	408.4	390.2	377.1	366.8	354.8	340.5
12.5°	558.0	541.2	526.8	507.4	489.0	476.2	452.0	433.1	417.9	401.0	381.7
15°	657.9	635.3	615.6	589.8	561.8	546.5	516.2	491.0	470.4	447.8	422.4
17.5°	755.0	726.2	699.9	667.9	634.5	609.0	575.7	544.0	517.4	487.8	458.5
20°	841.9	806.8	774.3	736.1	697.9	666.1	626.7	589.0	556.4	522.2	487.8
22.5°	914.2	873.5	835.2	792.1	748.5	711.9	666.5	623.8	586.4	548.2	508.8
25°	971.4	926.0	883.3	835.2	787.5	746.8	696.7	649.4	608.2	566.2	523.5
26°	989.4	942.1	897.6	846.2	799.0	756.7	705.3	656.3	613.9	571.2	527.2
27°	1003.4	954.4	908.4	856.6	807.7	764.1	711.0	661.3	617.3	573.8	528.8
28°	1012.9	962.6	915.0	862.4	812.7	767.7	713.9	662.9	618.2	574.2	528.4
29°	1019.0	967.2	918.2	865.6	814.6	768.7	713.9	662.1	616.9	572.0	525.9
30°	1020.2	967.6	917.8	864.4	812.7	766.1	710.6	658.3	612.4	567.5	521.0
31°	1018.2	964.0	913.4	860.3	808.1	760.3	704.9	652.6	606.9	561.4	514.4
32°	1012.0	957.4	906.4	852.9	800.3	752.5	697.1	644.0	598.3	553.2	506.2
33°	1003.8	947.9	896.5	843.0	790.8	742.7	687.1	634.5	589.0	543.2	496.8
34°	992.4	936.0	884.2	831.5	778.9	730.7	675.3	623.0	577.4	532.2	486.0
35°	976.7	920.0	868.5	816.7	764.1	716.4	661.3	609.3	564.6	519.8	474.1
36°	958.6	902.6	850.8	799.4	747.2	699.9	646.2	594.6	550.2	505.8	461.0
37°	938.4	882.4	831.5	780.9	729.6	682.7	629.5	579.0	535.4	491.4	447.4
38°	915.0	859.5	809.3	759.9	709.3	663.3	611.5	561.8	519.0	475.8	432.6
39°	887.8	833.7	784.3	736.5	687.1	641.9	591.3	542.8	500.9	459.0	416.6
40°	858.6	806.0	757.8	711.5	663.3	619.3	569.9	523.1	482.4	441.3	400.1
42.5°	778.9	729.6	685.2	643.6	599.1	558.4	514.0	470.8	433.1	395.2	357.4
45°	691.3	646.5	606.5	569.9	529.6	493.4	453.6	414.4	380.4	345.9	312.1
47.5°	592.2	552.8	518.1	487.3	452.4	420.7	386.6	352.9	322.8	292.9	263.1
50°	480.8	448.7	421.4	396.9	368.9	343.0	315.4	287.9	263.1	237.7	213.1
51°	435.0	406.2	381.7	360.7	334.7	311.7	287.0	261.9	239.3	216.3	193.3
52°	389.8	364.8	343.4	324.9	302.2	281.7	259.5	236.9	216.3	195.3	173.9
53°	346.6	324.9	306.3	290.7	271.0	252.9	233.2	213.5	194.5	175.6	156.3
54°	305.9	287.5	271.9	258.6	241.3	225.4	208.5	190.7	173.9	156.3	138.5
55°	268.1	252.5	239.3	228.3	213.5	199.5	185.1	169.3	154.1	138.1	124.6
57.5°	187.9	177.7	169.0	161.9	152.2	145.2	132.8	122.1	112.7	98.7	88.4
60°	126.7	119.7	114.3	110.1	103.6	99.9	91.3	83.5	77.4	67.0	59.6
61°	106.5	100.8	96.2	93.0	87.6	84.3	77.0	70.7	65.0	56.4	49.8
62°	88.4	83.5	81.7	77.4	72.8	70.3	64.2	58.8	54.4	46.4	41.2
63°	72.4	68.2	67.0	63.3	59.6	57.9	52.6	48.6	44.4	37.8	33.8
64°	58.3	55.1	54.4	51.4	48.6	46.8	42.7	39.0	35.8	30.4	27.1
65°	46.4	45.2	43.2	41.2	38.6	37.4	34.2	31.2	28.4	24.2	21.8
66°	36.6	35.8	33.8	32.0	30.0	29.2	26.4	24.2	22.2	18.9	17.3



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
72.5°	5.8	5.8	5.4	5.4	4.6	4.6	4.2	3.7	3.7	3.2	3.2
75°	2.8	2.8	2.8	2.8	2.4	2.4	2.4	2.4	2.0	2.0	2.0
77.5°	2.0	2.0	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
80°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
82.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
85°	0.4	0.4	0.4	0.4	0.4	0.8	0.8	0.8	0.8	0.8	0.8
87.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.8	0.8	0.8
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):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	195.7	195.7	195.7	195.7	195.7	195.7	195.7	195.7	195.7	195.7	195.7
2.5°	225.0	221.3	219.5	218.3	215.9	213.9	210.9	209.4	205.7	206.1	201.6
5°	258.2	251.7	247.5	243.0	238.1	233.5	227.9	223.7	217.6	215.5	208.5
7.5°	293.7	283.3	276.3	268.1	260.3	252.5	243.5	236.5	228.3	222.9	213.5
10°	328.6	315.8	303.1	291.1	279.7	268.5	256.3	246.7	235.2	227.4	215.9
12.5°	364.8	345.9	330.2	314.6	298.9	284.5	268.9	255.7	241.0	231.1	217.2
15°	400.6	376.7	356.9	336.9	317.5	298.9	280.1	264.1	246.7	233.9	217.6
17.5°	431.8	403.4	379.2	354.0	331.9	310.0	287.5	268.9	249.3	234.3	216.3
20°	456.0	423.6	395.6	366.8	341.3	316.3	291.5	271.0	249.3	232.8	213.1
22.5°	473.0	437.6	406.2	375.0	346.6	319.9	292.9	271.0	247.9	230.3	210.5
25°	484.4	447.0	413.3	380.0	350.1	321.7	293.7	270.6	247.1	229.5	208.9
26°	486.8	448.7	414.4	380.4	350.1	321.3	292.9	269.7	246.3	228.7	208.1
27°	487.8	449.1	414.0	380.0	349.1	319.9	291.5	268.5	244.7	226.9	206.9
28°	486.4	447.8	412.5	377.8	347.0	317.5	289.1	266.0	242.3	225.0	204.4
29°	483.6	444.6	409.2	374.6	343.8	313.7	285.5	262.7	238.9	221.7	201.6
30°	478.6	439.6	404.2	369.3	338.4	308.9	280.5	257.9	234.3	217.2	197.0
31°	472.1	433.5	398.0	363.1	332.3	303.1	274.7	252.5	229.1	212.2	192.1
32°	463.8	426.4	390.2	355.7	324.9	296.1	268.1	245.9	222.9	206.1	186.3
33°	454.4	417.9	381.7	347.5	317.5	288.7	260.7	238.9	216.7	199.9	180.5
34°	444.2	408.4	372.2	338.8	308.9	280.5	253.3	231.9	209.8	193.3	174.7
35°	432.6	397.7	361.8	328.6	299.8	271.9	245.1	224.1	202.3	186.3	168.2
36°	420.3	386.3	350.8	319.5	289.8	262.3	236.9	215.9	194.5	178.9	161.2
37°	407.5	374.2	339.7	309.3	280.1	253.3	228.3	207.7	187.1	171.9	154.5
38°	393.6	361.5	327.3	298.1	269.4	243.5	218.7	199.1	179.3	164.5	147.6
39°	378.7	346.2	314.6	286.3	258.2	233.2	209.4	190.3	170.7	156.7	140.2
40°	363.5	331.9	301.5	273.9	246.7	222.9	199.5	181.0	162.6	148.5	132.8
42.5°	324.1	295.3	266.9	242.3	216.7	194.9	173.6	156.7	139.8	127.5	113.6
45°	282.0	256.7	230.7	208.5	185.5	165.8	146.7	131.6	116.4	106.2	94.1
47.5°	239.3	214.7	192.1	172.3	153.7	134.9	118.8	105.8	93.4	85.2	76.5
50°	190.7	172.7	153.0	136.6	119.3	105.4	91.7	82.2	73.2	67.8	61.3
51°	172.7	155.9	137.8	122.5	106.5	93.8	82.2	73.9	66.1	61.8	56.0
52°	157.6	139.8	122.9	109.0	95.8	83.5	73.6	66.6	60.0	56.0	50.5
53°	138.9	125.0	109.4	96.6	84.8	73.9	65.8	59.6	53.8	50.5	46.0
54°	123.3	110.6	96.2	84.8	74.8	65.8	58.3	53.5	48.6	45.2	41.6
55°	108.6	98.7	83.9	73.9	65.8	57.9	52.2	47.7	43.2	40.8	37.0
57.5°	76.1	67.4	58.3	52.6	47.3	42.3	38.2	34.9	32.0	30.4	27.6
60°	50.5	45.2	39.9	36.2	33.0	30.0	27.1	24.6	22.6	21.8	19.8
61°	42.3	38.2	33.8	31.2	28.4	25.6	23.0	21.4	19.8	18.9	17.3
62°	36.2	32.0	28.4	26.4	23.8	21.8	19.8	18.2	16.8	16.0	14.8
63°	29.6	26.7	23.8	22.2	20.2	18.2	16.8	15.2	14.4	13.6	12.4
64°	24.2	21.8	19.8	18.2	16.8	14.8	14.0	12.8	11.5	11.5	10.2
65°	19.8	17.6	16.0	14.8	13.6	12.4	11.5	10.2	9.5	9.0	8.2
66°	15.6	14.0	12.8	12.0	10.6	9.8	9.0	8.2	7.4	7.4	6.6

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Scaled Data Report

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P1191989

CATALOG NUMBER: LDA6A10950D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
72.5°	2.8	2.8	2.8	2.4	2.4	2.4	2.4	2.0	2.0	2.0	2.0
75°	2.0	2.0	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
77.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
80°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
82.5°	0.8	0.8	0.8	0.8	0.8	1.2	1.2	1.2	1.2	1.2	1.2
85°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.2	1.2
87.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
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: P1191989

CATALOG NUMBER: LDA6A10950D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
0°	195.7	195.7	195.7	195.7	195.7	195.7	195.7	195.7
2.5°	200.3	199.5	194.5	192.9	176.0	161.5	155.9	152.2
5°	205.2	202.0	194.9	191.7	160.0	137.4	127.1	122.5
7.5°	208.1	202.3	192.9	187.9	144.4	117.2	104.4	99.9
10°	207.7	200.3	189.2	182.1	129.9	100.8	88.0	83.5
12.5°	207.3	197.7	185.1	176.4	117.9	88.8	75.6	71.6
15°	206.1	194.5	180.5	170.7	107.7	78.9	67.0	63.3
17.5°	202.7	190.3	174.7	164.1	99.1	71.6	61.3	57.6
20°	198.6	185.1	169.3	158.3	93.8	68.7	60.0	57.6
22.5°	195.3	181.4	165.8	155.0	95.4	77.4	77.0	78.5
25°	194.1	180.5	164.9	155.0	103.6	93.4	98.7	101.6
26°	193.3	180.1	164.9	155.0	106.2	97.6	102.3	105.8
27°	192.1	178.9	164.1	154.1	107.3	99.5	104.0	106.5
28°	189.9	176.9	161.9	153.0	107.3	99.5	103.2	105.4
29°	187.1	174.3	159.5	150.5	106.2	98.0	100.8	102.3
30°	182.9	170.4	155.9	146.7	103.2	95.4	97.0	98.4
31°	178.2	165.8	151.3	142.7	100.4	92.1	93.4	94.1
32°	172.7	160.4	146.3	138.1	96.6	88.4	89.2	89.5
33°	166.9	155.0	141.5	133.2	93.4	85.2	85.2	85.6
34°	161.2	149.3	137.0	128.3	90.0	82.2	81.4	81.7
35°	155.5	143.5	131.6	123.3	86.7	78.9	78.2	78.2
36°	148.9	137.4	125.7	117.9	83.5	76.5	74.8	74.8
37°	142.7	131.6	120.5	112.7	79.8	73.6	72.0	71.6
38°	136.1	125.4	114.7	107.3	76.5	70.7	69.2	68.7
39°	129.6	119.3	109.0	101.9	73.2	67.8	66.6	65.8
40°	122.5	112.7	103.2	96.2	70.0	64.6	63.8	62.9
42.5°	104.4	95.8	88.0	83.1	61.8	56.8	55.5	56.0
45°	86.7	80.2	73.9	70.7	53.5	49.0	47.7	47.7
47.5°	71.1	66.1	62.2	58.8	44.8	40.8	39.4	37.8
50°	57.6	53.8	50.5	48.6	37.0	33.0	30.4	28.8
51°	52.6	49.4	46.4	44.4	33.8	29.6	26.7	25.1
52°	47.7	44.8	42.3	40.8	30.4	26.4	23.4	21.8
53°	43.2	40.8	38.6	37.0	27.6	23.4	20.6	18.9
54°	39.0	36.6	34.9	33.4	24.6	20.6	17.3	16.0
55°	35.4	33.0	31.6	30.0	21.8	17.6	14.4	13.6
57.5°	26.4	24.6	23.8	22.6	16.0	11.5	8.6	7.4
60°	18.9	17.6	17.3	16.4	10.2	6.1	4.6	3.7
61°	16.4	15.6	14.8	14.0	8.2	5.0	3.7	3.2
62°	14.0	13.2	12.4	12.0	6.6	4.2	3.2	2.8
63°	11.5	11.1	10.2	9.8	5.4	3.2	2.8	2.4
64°	9.5	9.0	8.2	7.8	4.6	2.8	2.4	2.0
65°	7.8	7.4	6.6	6.1	3.7	2.4	2.0	1.7
66°	6.1	5.8	5.4	5.0	3.2	2.4	1.7	1.7



TEST NUMBER: P1191989

CATALOG NUMBER: LDA6A10950D010TE LAR35FL 6LLWW1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	112.5°	135°	157.5°	180°
72.5°	2.0	2.0	1.7	1.7	1.7	1.7	1.7	1.2
75°	1.7	1.7	1.7	1.7	1.7	1.7	1.2	1.2
77.5°	1.2	1.2	1.2	1.2	1.7	1.2	1.2	1.2
80°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.8
82.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.8
85°	1.2	1.2	1.2	1.2	1.2	1.2	0.8	0.8
87.5°	0.8	1.2	1.2	1.2	1.2	0.8	0.4	0.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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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





— 0°-180° - - 45°-225° - - - 90°-270°

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67.5°	29.6	30.4	30.8	30.8	30.4	28.8	29.2	28.4	27.6	26.7	26.0
70°	14.8	15.2	15.6	15.6	15.2	14.4	14.8	14.4	14.0	13.6	12.8

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67.5°	25.1	24.2	23.0	21.8	20.2	19.8	17.6	16.0	14.8	12.8	12.0
70°	12.4	12.0	11.1	10.2	9.8	9.5	8.2	7.8	7.0	6.1	5.8

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67.5°	10.6	9.5	8.6	8.2	7.4	7.0	6.6	5.8	5.4	5.4	5.0
70°	5.4	5.0	4.6	4.6	4.2	3.7	3.7	3.2	3.2	3.2	2.8

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67.5°	4.6	4.6	4.2	3.7	2.4	2.0	1.7	1.7
70°	2.8	2.8	2.4	2.4	2.0	1.7	1.7	1.2

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(END OF REPORT)