

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: HALO

Report Number: P997246

Luminaire Tested: **SMX8SLSFS010-1500LM-2700K**

Issue Date: 3/11/2025

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

**Test Information**

Test Method: LM-41-14
Report Number: P997246
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (A2411376A001)
Test Lab:
Issue Date: 3/11/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: HALO
Catalog Number: SMX8SLSFS010-1500LM-2700K
Description: 8IN SQAURE, 90CRI, 0-10V DIMMING, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 2700K CCT
Ballast/Driver: -

Summary

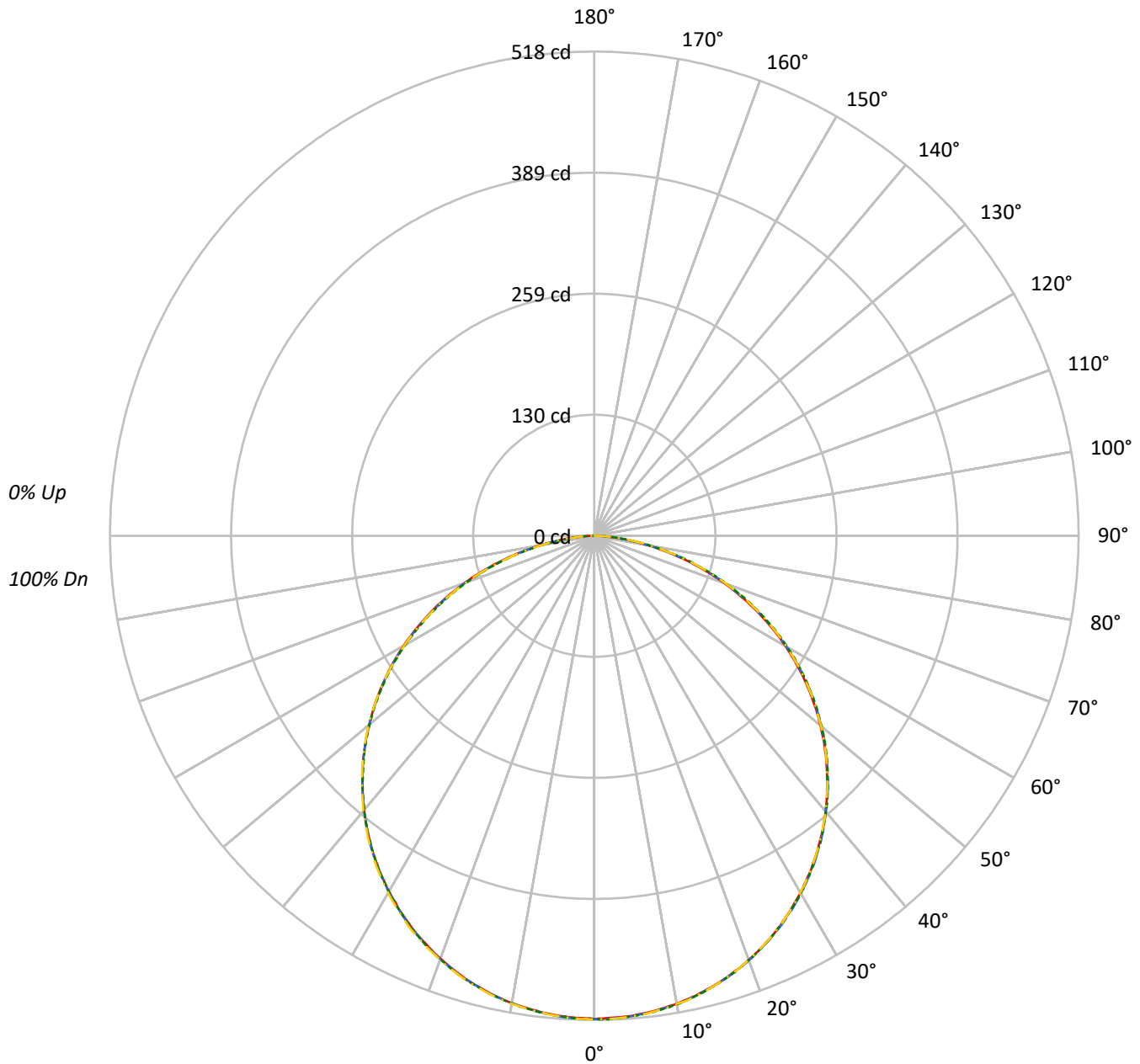
Lumens per Lamp: N/A
Luminaire Lumens: 1506.0 lumens
Efficiency: N/A
Efficacy: 97.2 lumens/watt
Spacing Criteria (0/90/45): 1.27 / 1.27 / 1.39
Luminous Opening: Rectangular (W 0.67' x L: 0.67' x H: 0')
CIE Type: Direct

Input Watts (W): 15.5
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: P997246

CATALOG NUMBER: SMX8SLSFS010-1500LM-2700K

Luminous Intensity Polar Plot



Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997246

CATALOG NUMBER: SMX8SLSFS010-1500LM-2700K

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	109	104	99	96	106	102	98	94	97	94	91	93	91	88	90	88	86	84		
2	99	90	83	78	96	88	82	77	85	79	75	82	77	73	78	75	71	69		
3	90	79	71	64	87	78	70	64	75	68	63	72	66	61	69	64	60	58		
4	82	70	61	54	80	69	60	54	66	59	53	64	57	52	62	56	52	49		
5	75	62	53	47	73	61	53	46	59	52	46	57	51	45	55	50	45	43		
6	70	56	47	41	68	55	47	40	53	46	40	52	45	40	50	44	39	37		
7	65	51	42	36	63	50	42	36	48	41	35	47	40	35	46	40	35	33		
8	60	46	38	32	58	46	37	32	44	37	32	43	36	31	42	36	31	29		
9	56	43	34	29	55	42	34	29	41	34	28	40	33	28	39	33	28	26		
10	53	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	26	24		

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	12399	12399	12399	12399
5°	12384	12403	12374	12391
10°	12376	12393	12362	12369
15°	12353	12367	12330	12343
20°	12322	12327	12281	12307
25°	12271	12279	12231	12239
30°	12210	12230	12166	12172
35°	12133	12151	12089	12092
40°	12048	12070	11992	11985
45°	11926	11964	11875	11855
50°	11781	11844	11728	11695
55°	11588	11672	11555	11484
60°	11318	11443	11299	11198
65°	10922	11092	10922	10769
70°	10348	10572	10355	10138
75°	9441	9737	9468	9172
80°	8023	8437	8092	7678
85°	5915	6630	6108	5365



TEST NUMBER: P997246

CATALOG NUMBER: SMX8SLSFS010-1500LM-2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	48.9	3.2
10°-20°	140.5	9.3
20°-30°	213.7	14.2
30°-40°	259.1	17.2
40°-50°	271.0	18.0
50°-60°	247.5	16.4
60°-70°	190.4	12.6
70°-80°	108.0	7.2
80°-90°	27.0	1.8
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°	403.1	26.8
0°-40°	662.1	44.0
0°-60°	1180.6	78.4
0°-90°	1506.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1506.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	517	517	517	517	517	
5°	514	515	514	515	514	49
15°	498	498	497	497	498	140
25°	464	464	462	463	464	214
35°	414	415	413	413	414	259
45°	352	353	350	350	352	271
55°	277	279	276	275	277	248
65°	192	196	192	190	192	190
75°	102	105	102	99	102	108
85°	22	24	22	20	22	27
90°	0	0	0	0	0	

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997246

CATALOG NUMBER: SMX8SLSFS010-1500LM-2700K

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	517.1	517.1	517.1	517.1	517.1	517.1	517.1	517.1	517.1	517.1	517.1
0.5°	516.5	517.2	517.2	517.2	517.4	516.8	517.2	517.1	516.3	517.1	517.1
1°	516.5	517.3	517.1	517.4	517.5	516.8	517.3	517.2	516.2	517.2	516.8
1.5°	516.2	517.0	517.0	517.3	517.5	516.7	517.3	516.8	516.2	517.2	516.8
2°	516.1	516.9	516.8	517.3	517.4	516.6	517.2	516.9	516.2	516.9	516.6
2.5°	515.8	516.6	516.5	516.8	517.0	516.6	516.9	516.6	515.9	516.5	516.5
3°	515.8	516.4	516.3	516.6	516.7	516.2	516.7	516.5	515.8	516.4	516.3
3.5°	515.6	516.2	516.2	516.3	516.3	516.0	516.4	515.8	515.3	516.0	516.1
4°	515.5	515.9	515.8	516.1	516.1	515.7	516.1	515.7	515.1	515.7	515.8
4.5°	515.2	515.2	515.4	515.8	515.6	515.5	515.8	515.2	514.6	515.4	515.2
5°	514.5	515.0	514.9	515.6	515.3	514.8	515.2	515.0	514.1	514.7	514.7
5.5°	514.1	514.5	514.5	514.8	514.8	514.5	515.1	514.3	513.7	514.2	514.0
6°	513.5	514.2	514.0	514.6	514.5	514.0	514.4	513.9	513.2	513.7	513.6
6.5°	513.1	513.6	513.5	514.0	513.9	513.5	514.0	513.5	512.6	512.9	512.9
7°	512.5	513.1	513.0	513.6	513.5	512.9	513.2	513.0	511.8	512.5	512.5
7.5°	512.1	512.2	512.3	512.9	512.8	512.4	512.6	512.2	511.3	511.9	511.7
8°	511.1	511.8	511.7	512.2	512.1	511.6	511.7	511.4	510.6	511.0	511.2
8.5°	510.6	511.1	511.0	511.2	511.3	511.1	511.3	510.7	509.9	510.2	510.3
9°	509.6	510.3	510.3	510.7	510.8	510.2	510.3	510.2	509.2	509.3	509.5
9.5°	509.1	509.6	509.6	509.7	509.7	509.4	509.7	509.2	508.5	508.5	508.6
10°	508.3	508.9	509.0	509.1	509.0	508.4	508.5	508.5	507.7	508.0	507.8
10.5°	507.3	507.9	508.0	508.2	508.2	507.8	508.0	507.4	506.8	506.9	507.0
11°	506.3	507.1	507.1	507.4	507.2	506.7	507.3	506.7	505.9	505.9	506.2
11.5°	505.5	506.2	505.9	506.3	506.1	506.1	506.5	505.7	504.8	505.2	505.1
12°	504.6	505.3	505.2	505.2	505.4	504.7	505.2	504.4	503.8	504.2	504.3
12.5°	503.6	504.2	504.1	504.2	504.0	503.8	504.3	503.5	502.8	503.2	503.0
13°	502.3	503.4	502.9	503.3	503.2	502.5	502.8	502.5	501.7	501.8	502.0
13.5°	501.2	502.1	501.7	502.0	501.9	501.6	501.8	501.5	500.4	500.8	500.7
14°	499.9	501.1	500.4	501.0	500.7	500.5	500.5	500.2	499.1	499.5	499.7
14.5°	498.9	499.7	499.4	499.6	499.4	499.1	499.3	499.0	497.9	498.3	498.2
15°	497.6	498.7	498.2	498.4	498.2	497.8	498.1	497.8	496.7	497.0	497.2
15.5°	496.5	497.2	497.0	496.9	496.9	496.5	496.9	496.2	495.4	495.7	495.6
16°	495.2	496.0	495.5	495.6	495.7	495.3	495.4	494.9	494.2	494.0	494.4
16.5°	493.8	494.7	494.3	494.2	494.0	493.7	494.0	493.5	492.6	493.0	492.7
17°	492.1	493.3	492.8	492.7	492.8	492.3	492.6	492.1	491.1	491.3	491.4
17.5°	490.8	491.6	491.4	491.3	491.0	490.9	491.3	490.7	489.5	490.0	489.9
18°	489.3	490.2	489.9	489.9	490.0	489.3	489.5	489.1	488.0	488.2	488.6
18.5°	488.0	488.5	488.5	488.2	488.1	487.7	488.1	487.5	486.4	486.7	486.6
19°	486.2	487.2	486.9	486.6	486.4	486.0	486.2	485.7	484.7	484.8	485.2
19.5°	484.6	485.5	485.3	484.9	484.7	484.5	484.6	483.9	483.1	483.3	483.5
20°	482.9	484.0	483.5	483.3	483.1	483.0	482.9	482.3	481.3	481.4	481.9
20.5°	481.3	482.0	482.0	481.4	481.5	481.4	481.3	480.7	479.6	479.8	480.1
21°	479.4	480.5	480.0	479.9	479.7	479.5	479.6	478.6	477.8	478.2	478.6

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997246

CATALOG NUMBER: SMX8SLSFS010-1500LM-2700K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
22.5°	474.1	474.6	474.4	474.3	474.2	474.0	474.0	473.0	472.1	472.7	472.8
23°	472.0	472.8	472.6	472.2	472.4	472.0	472.1	471.3	470.2	470.8	471.1
23.5°	470.3	470.9	470.7	470.2	470.5	470.0	470.2	469.4	468.4	468.7	468.7
24°	468.2	469.2	468.7	468.2	468.5	468.0	468.2	467.2	466.6	466.6	467.0
24.5°	466.2	467.2	466.8	466.4	466.3	466.0	466.1	465.3	464.4	464.7	464.9
25°	463.8	465.0	464.8	464.5	464.1	463.8	463.9	463.1	462.3	462.8	463.1
25.5°	462.1	462.7	462.7	462.2	462.0	461.7	462.0	461.0	460.0	460.6	460.8
26°	459.5	460.6	460.6	460.2	459.9	459.6	459.7	458.8	457.9	458.4	458.8
26.5°	457.4	458.4	458.3	457.8	457.9	457.2	457.5	456.7	455.8	456.2	456.4
27°	455.0	456.2	456.3	455.7	455.6	455.1	455.2	454.3	453.7	453.9	454.2
27.5°	453.0	453.9	454.0	453.4	453.4	453.0	453.0	452.3	451.3	451.7	451.7
28°	450.4	451.5	451.7	451.2	451.2	450.7	450.6	449.8	448.9	449.2	449.6
28.5°	448.1	449.1	449.4	448.8	448.8	448.4	448.3	447.7	446.2	447.0	447.0
29°	445.6	446.8	446.9	446.4	446.5	445.8	445.8	445.2	444.2	444.7	444.9
29.5°	443.5	444.4	444.6	444.1	444.1	443.5	443.5	442.7	441.8	442.2	442.4
30°	441.0	441.8	442.0	441.5	441.7	440.9	441.0	440.2	439.4	439.7	440.0
30.5°	438.5	439.3	439.6	439.0	439.2	438.6	438.4	437.6	436.8	437.1	437.3
31°	435.8	436.8	436.9	436.6	436.8	436.0	436.0	435.0	434.3	434.5	434.9
31.5°	433.3	434.0	434.5	433.9	433.9	433.6	433.4	432.5	431.7	431.9	432.3
32°	430.5	431.2	431.6	431.2	431.4	431.0	430.8	429.9	429.3	429.2	429.7
32.5°	428.3	428.7	429.3	428.9	428.7	428.5	428.2	427.5	426.7	426.9	427.2
33°	425.8	426.2	426.6	426.3	426.3	425.9	425.8	424.7	424.0	424.2	424.6
33.5°	422.7	423.4	424.1	423.6	423.4	423.3	422.8	422.1	421.0	421.5	421.7
34°	419.8	420.8	421.3	420.9	420.8	420.4	420.0	419.5	418.5	418.7	419.1
34.5°	417.3	418.1	418.5	418.1	417.8	417.8	417.4	416.6	415.6	416.1	416.4
35°	414.5	415.3	415.5	415.2	415.1	414.9	414.5	413.6	413.0	413.1	413.4
35.5°	411.8	412.5	412.8	412.4	412.4	412.2	411.6	410.9	409.9	410.7	410.7
36°	408.8	409.6	410.0	409.5	409.7	409.2	408.8	408.1	407.3	407.7	407.8
36.5°	406.0	406.5	407.2	406.6	406.8	406.5	405.8	405.3	404.2	404.7	404.6
37°	403.0	403.5	403.9	403.7	403.7	403.4	403.1	402.4	401.3	401.7	401.8
37.5°	400.1	400.5	401.1	400.8	400.7	400.4	400.1	399.2	398.3	399.0	398.5
38°	397.1	397.6	398.0	397.8	397.7	397.3	397.0	396.1	395.5	396.0	395.7
38.5°	394.1	394.6	394.9	394.9	394.7	394.5	393.8	393.1	392.2	393.1	392.6
39°	390.9	391.6	391.7	391.8	391.7	391.4	391.0	390.1	389.3	389.9	389.4
39.5°	387.9	388.6	388.7	388.7	388.7	388.6	387.9	387.3	386.2	386.9	386.6
40°	384.9	385.4	385.6	385.6	385.6	385.5	384.8	383.9	383.1	383.6	383.4
40.5°	381.5	382.3	382.5	382.5	382.3	382.3	381.6	380.7	379.8	380.5	380.1
41°	378.4	379.2	379.4	379.2	379.2	379.0	378.6	377.6	376.8	377.2	376.9
41.5°	375.2	375.7	376.3	376.0	376.3	375.8	375.2	374.3	373.4	373.8	373.5
42°	371.9	372.5	372.8	372.9	373.0	372.4	372.1	371.0	370.3	370.4	370.5
42.5°	368.5	369.4	369.7	369.7	369.7	369.1	368.7	367.7	367.1	367.3	367.2
43°	365.3	366.2	366.3	366.3	366.4	365.8	365.4	364.5	363.7	364.0	363.8
43.5°	361.9	362.7	362.9	362.9	363.0	362.4	362.0	361.2	360.3	360.8	360.4

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997246

CATALOG NUMBER: SMX8SLSFS010-1500LM-2700K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	351.7	352.6	352.8	353.0	352.8	352.4	351.8	351.0	350.2	350.5	350.2
45.5°	348.3	349.1	349.4	349.5	349.4	349.0	348.4	347.7	346.9	347.3	346.8
46°	344.7	345.7	346.1	346.2	346.1	345.7	345.3	344.2	343.5	343.7	343.4
46.5°	341.4	341.9	342.5	342.6	342.6	342.5	341.8	341.0	339.8	340.2	339.9
47°	337.7	338.5	339.0	339.1	339.1	338.7	338.3	337.4	336.3	336.8	336.4
47.5°	334.2	334.9	335.3	335.6	335.5	335.2	334.4	333.7	332.7	333.1	332.8
48°	330.5	331.4	331.8	331.9	332.1	331.4	330.9	330.0	329.2	329.3	329.1
48.5°	326.9	327.6	328.2	328.3	328.5	328.0	327.4	326.6	325.6	325.9	325.5
49°	323.0	323.9	324.4	324.7	324.7	324.3	324.0	322.8	321.8	322.2	321.8
49.5°	319.3	320.2	320.8	321.0	321.1	320.6	320.2	319.1	318.1	318.6	318.0
50°	315.8	316.5	317.1	317.4	317.5	316.8	316.5	315.1	314.4	314.7	314.4
50.5°	311.9	312.7	313.3	313.4	313.7	313.1	312.5	311.2	310.6	310.9	310.6
51°	308.3	308.9	309.5	309.7	310.0	309.4	308.9	307.6	307.0	307.2	306.8
51.5°	304.4	305.4	305.9	305.9	306.4	305.9	305.2	304.2	303.4	303.6	303.3
52°	300.7	301.6	302.2	302.3	302.7	302.0	301.6	300.5	299.6	299.7	299.2
52.5°	296.8	297.7	298.1	298.4	298.7	298.3	297.7	296.6	295.9	295.9	295.3
53°	293.0	293.8	294.4	294.6	295.0	294.3	294.0	292.7	291.9	292.0	291.5
53.5°	289.0	289.8	290.5	290.6	291.2	290.6	289.8	289.0	288.0	288.2	287.5
54°	285.2	286.0	286.4	286.7	287.0	286.7	286.1	284.9	284.1	284.1	283.5
54.5°	281.1	282.0	282.6	282.5	283.2	282.7	282.1	281.0	280.2	280.2	279.6
55°	277.2	278.0	278.7	278.8	279.2	278.9	278.2	277.3	276.4	276.2	275.8
55.5°	273.0	274.0	274.7	274.8	275.4	274.9	274.2	273.2	272.3	272.2	271.7
56°	269.2	269.9	270.5	270.8	271.3	270.9	270.2	269.2	268.2	268.3	267.8
56.5°	265.2	266.2	266.6	266.9	267.3	267.1	266.3	265.2	264.4	264.2	263.8
57°	261.2	262.1	262.6	262.8	263.4	262.9	262.3	261.1	260.3	260.1	259.7
57.5°	256.6	257.9	258.5	258.7	259.2	258.9	258.3	257.0	256.3	256.0	255.6
58°	252.9	253.7	254.4	254.5	255.1	254.6	254.1	253.0	252.2	251.9	251.5
58.5°	248.8	249.6	250.2	250.2	251.2	250.7	249.9	248.9	247.9	247.8	247.4
59°	244.3	245.4	246.0	246.2	246.9	246.3	245.8	244.8	243.8	243.5	243.0
59.5°	240.0	241.2	241.7	241.8	242.8	242.3	241.7	240.7	239.6	239.5	238.8
60°	236.0	237.0	237.5	237.6	238.6	238.0	237.5	236.6	235.6	235.2	234.6
60.5°	231.7	232.7	233.3	233.2	234.4	234.0	233.2	232.3	231.5	231.0	230.4
61°	227.5	228.6	228.8	229.2	230.2	229.6	229.1	228.2	227.1	226.7	226.1
61.5°	223.3	224.3	224.8	224.9	226.0	225.3	224.7	223.9	222.8	222.4	221.8
62°	218.9	220.1	220.4	220.6	221.6	221.1	220.6	219.6	218.7	218.1	217.6
62.5°	214.6	215.7	216.2	216.1	217.5	216.9	216.2	215.3	214.3	213.9	213.2
63°	210.1	211.3	211.6	211.8	213.0	212.5	212.0	211.1	210.1	209.6	208.9
63.5°	205.9	206.8	207.3	207.4	208.6	208.1	207.5	206.7	205.7	205.2	204.5
64°	201.1	202.5	202.9	203.0	204.3	203.7	203.2	202.4	201.2	200.8	200.1
64.5°	196.8	198.1	198.5	198.5	199.9	199.4	198.8	198.1	196.7	196.2	195.7
65°	192.5	193.6	193.9	194.2	195.5	195.1	194.6	193.7	192.5	191.9	191.4
65.5°	188.2	189.2	189.5	189.6	191.1	190.7	190.1	189.3	188.0	187.6	187.0
66°	183.6	184.8	185.3	185.4	186.6	186.2	185.8	184.8	183.9	183.2	182.6

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997246

CATALOG NUMBER: SMX8SLSFS010-1500LM-2700K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	170.0	171.4	171.9	172.0	173.5	173.1	172.5	171.6	170.4	169.7	169.1
68°	165.4	166.8	167.2	167.5	169.0	168.3	168.0	166.9	165.9	165.1	164.6
68.5°	161.3	162.3	162.7	163.0	164.3	163.8	163.4	162.3	161.3	160.6	160.1
69°	156.6	157.7	158.0	158.5	159.8	159.5	159.1	157.7	156.7	156.1	155.6
69.5°	151.8	153.1	153.7	153.9	155.4	154.9	154.5	153.2	152.2	151.4	150.9
70°	147.6	148.6	149.0	149.6	150.8	150.2	149.9	148.6	147.7	146.9	146.3
70.5°	142.9	144.3	144.7	145.0	146.3	145.8	145.4	144.1	143.1	142.4	141.8
71°	138.3	139.6	140.0	140.6	141.6	141.2	141.0	139.7	138.7	137.9	137.2
71.5°	133.7	135.0	135.5	136.0	137.1	136.8	136.2	134.9	134.0	133.4	132.6
72°	129.3	130.3	130.9	131.5	132.5	132.2	131.7	130.4	129.4	128.7	128.1
72.5°	124.6	125.8	126.4	127.0	128.0	127.4	126.9	125.9	124.8	124.1	123.4
73°	119.9	121.3	121.8	122.2	123.3	122.9	122.4	121.2	120.3	119.4	118.8
73.5°	115.2	116.7	117.2	117.5	118.6	118.3	117.7	116.7	115.5	114.8	114.2
74°	110.7	112.1	112.5	113.0	114.0	113.9	113.4	112.1	111.2	110.2	109.6
74.5°	106.4	107.7	108.1	108.3	109.5	109.3	108.9	107.4	106.6	105.8	105.4
75°	101.9	103.2	103.7	103.8	105.1	104.7	104.4	103.2	102.2	101.2	100.9
75.5°	97.4	98.7	99.1	99.2	100.7	100.2	99.9	98.7	97.6	96.9	96.4
76°	92.7	94.0	94.5	94.6	96.0	95.8	95.4	94.2	93.3	92.4	91.9
76.5°	88.3	89.6	90.1	90.1	91.7	91.3	91.0	89.8	88.6	87.7	87.4
77°	83.9	85.1	85.6	85.6	87.0	86.8	86.6	85.3	84.2	83.4	82.9
77.5°	79.4	80.7	81.1	81.1	82.8	82.3	82.2	80.8	79.7	79.0	78.6
78°	75.0	76.3	76.6	76.7	78.3	77.9	77.8	76.3	75.2	74.6	74.2
78.5°	70.7	71.9	72.4	72.5	73.9	73.5	73.2	71.9	71.0	70.3	69.9
79°	66.5	67.7	68.1	68.2	69.4	69.3	69.1	67.7	66.9	66.1	66.0
79.5°	62.4	63.5	63.9	64.1	65.2	65.1	64.9	63.5	62.7	61.8	61.6
80°	58.1	59.2	59.7	59.8	61.1	61.0	60.6	59.4	58.6	57.8	57.3
80.5°	54.0	55.1	55.6	55.7	57.1	56.8	56.5	55.3	54.6	53.9	53.5
81°	50.2	51.0	51.6	51.7	53.1	53.0	52.7	51.5	50.7	50.0	49.7
81.5°	46.2	47.1	47.7	47.7	49.3	49.0	48.7	47.6	46.8	46.0	45.7
82°	42.1	43.1	43.6	43.8	45.3	45.2	44.7	43.7	43.0	42.2	41.8
82.5°	38.1	39.3	39.7	39.9	41.4	41.4	41.0	40.0	39.3	38.6	38.2
83°	34.5	35.3	35.7	36.0	37.7	37.6	37.2	36.2	35.6	34.9	34.6
83.5°	30.9	31.7	32.0	32.1	34.0	33.9	33.6	32.6	31.9	31.4	31.0
84°	27.6	28.3	28.6	28.6	30.4	30.4	30.0	29.1	28.4	27.9	27.6
84.5°	24.4	25.2	25.5	25.5	27.1	27.1	26.8	26.0	25.4	24.9	24.7
85°	21.5	22.2	22.4	22.5	24.1	24.0	23.8	23.0	22.2	21.7	21.6
85.5°	18.5	19.3	19.4	19.5	20.9	21.0	20.7	19.9	19.2	18.9	18.8
86°	15.8	16.6	16.7	16.7	18.0	18.1	17.8	17.0	16.5	16.1	15.9
86.5°	13.5	14.2	14.2	14.1	15.3	15.3	15.1	14.4	13.8	13.5	13.5
87°	11.3	11.9	12.0	11.9	12.8	12.9	12.6	12.0	11.5	11.2	11.2
87.5°	9.4	9.9	10.0	9.8	10.6	10.5	10.4	9.8	9.4	9.2	9.2
88°	7.8	8.2	8.1	7.9	8.4	8.5	8.3	7.9	7.4	7.4	7.4
88.5°	6.5	6.6	6.6	6.4	6.6	6.8	6.7	6.1	5.7	5.8	5.9

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

Scaled Data Report



TEST NUMBER: P997246
CATALOG NUMBER: SMX8SLSFS010-1500LM-2700K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
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: P997246

CATALOG NUMBER: SMX8SLSFS010-1500LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	517.1	517.1	517.1	517.1	517.1	517.1
0.5°	517.3	517.2	516.8	517.5	517.2	516.5
1°	517.3	517.2	516.6	517.0	517.4	516.5
1.5°	516.9	517.1	516.7	517.2	517.0	516.2
2°	516.9	516.8	516.5	516.8	516.9	516.1
2.5°	516.4	516.6	516.6	516.8	516.4	515.8
3°	516.4	516.2	516.2	516.2	516.5	515.8
3.5°	515.9	515.8	516.0	516.2	516.2	515.6
4°	515.8	515.6	515.3	515.6	516.0	515.5
4.5°	515.2	515.1	514.9	515.3	515.3	515.2
5°	514.9	514.8	514.5	514.7	515.0	514.5
5.5°	514.2	514.1	514.1	514.4	514.3	514.1
6°	513.8	513.8	513.4	513.5	514.0	513.5
6.5°	513.1	513.2	512.9	513.1	513.3	513.1
7°	512.7	512.5	512.2	512.6	512.9	512.5
7.5°	511.9	511.7	511.6	511.8	512.1	512.1
8°	511.5	511.0	510.8	511.0	511.6	511.1
8.5°	510.7	510.3	510.2	510.7	510.7	510.6
9°	509.9	509.8	509.4	509.8	510.2	509.6
9.5°	509.0	508.9	508.7	509.2	509.3	509.1
10°	508.3	508.0	507.6	508.3	508.6	508.3
10.5°	507.3	507.2	506.8	507.5	507.8	507.3
11°	506.5	506.3	506.1	506.5	506.9	506.3
11.5°	505.2	505.3	505.1	505.6	505.8	505.5
12°	504.2	504.1	503.8	504.5	504.7	504.6
12.5°	503.0	503.2	503.1	503.6	503.7	503.6
13°	502.1	502.3	501.6	502.4	502.7	502.3
13.5°	500.7	501.0	500.7	501.2	501.4	501.2
14°	499.7	499.7	499.2	499.9	500.4	499.9
14.5°	498.5	498.5	498.1	498.8	499.0	498.9
15°	497.2	497.2	496.6	497.7	498.0	497.6
15.5°	495.7	496.0	495.6	496.4	496.7	496.5
16°	494.4	494.5	494.3	495.0	495.4	495.2
16.5°	492.8	493.5	493.0	493.6	493.7	493.8
17°	491.5	492.1	491.2	492.2	492.5	492.1
17.5°	489.9	490.4	489.7	490.5	490.8	490.8
18°	488.5	488.9	488.2	489.3	489.6	489.3
18.5°	486.9	487.1	486.8	487.6	487.8	488.0
19°	485.5	485.5	485.0	486.1	486.4	486.2
19.5°	483.9	483.6	483.6	484.5	484.6	484.6
20°	482.2	482.3	481.8	483.0	483.2	482.9
20.5°	480.4	480.6	480.3	480.8	481.2	481.3
21°	478.5	478.6	478.1	479.2	479.6	479.4

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997246

CATALOG NUMBER: SMX8SLSFS010-1500LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	472.7	473.2	472.8	473.9	473.7	474.1
23°	470.9	471.1	470.8	472.0	471.9	472.0
23.5°	468.8	469.0	469.2	470.1	469.7	470.3
24°	467.0	466.8	467.0	468.3	468.1	468.2
24.5°	464.9	464.9	465.0	466.4	465.8	466.2
25°	462.7	462.6	462.8	464.5	464.2	463.8
25.5°	460.7	460.6	460.8	462.4	461.8	462.1
26°	458.4	458.6	458.6	460.0	459.7	459.5
26.5°	456.2	456.2	456.2	457.6	457.2	457.4
27°	454.0	453.8	453.8	455.4	455.1	455.0
27.5°	451.6	451.5	451.5	453.0	452.6	453.0
28°	449.4	449.4	449.2	450.8	450.5	450.4
28.5°	446.7	446.8	446.9	448.2	447.9	448.1
29°	444.5	444.1	444.5	446.0	445.7	445.6
29.5°	441.9	441.8	442.3	443.6	443.1	443.5
30°	439.6	439.6	439.8	441.1	440.7	441.0
30.5°	437.0	436.9	437.3	438.5	438.1	438.5
31°	434.6	434.2	434.6	436.1	435.8	435.8
31.5°	431.9	431.6	432.0	433.3	433.1	433.3
32°	429.4	429.3	429.4	430.7	430.5	430.5
32.5°	426.7	426.8	427.2	428.1	427.8	428.3
33°	424.2	424.1	424.4	425.4	425.2	425.8
33.5°	421.5	421.3	421.7	422.9	422.7	422.7
34°	418.8	418.6	419.1	420.0	420.0	419.8
34.5°	415.8	415.9	416.2	417.0	417.3	417.3
35°	413.1	413.1	413.5	414.3	414.4	414.5
35.5°	410.2	410.0	410.6	411.4	411.6	411.8
36°	407.4	407.0	407.8	408.6	408.9	408.8
36.5°	404.3	404.3	404.6	405.6	405.8	406.0
37°	401.3	401.4	401.7	402.8	402.8	403.0
37.5°	398.1	398.5	398.9	399.5	399.8	400.1
38°	395.1	395.5	395.8	396.4	396.9	397.1
38.5°	392.0	392.1	392.6	393.3	393.8	394.1
39°	389.0	389.2	389.6	390.3	390.8	390.9
39.5°	386.1	386.0	386.6	387.3	387.8	387.9
40°	382.9	382.9	383.4	384.2	384.6	384.9
40.5°	379.6	379.7	380.1	381.0	381.5	381.5
41°	376.4	376.5	376.9	377.6	378.3	378.4
41.5°	373.1	373.2	373.6	374.4	374.8	375.2
42°	369.8	370.0	370.3	371.2	371.6	371.9
42.5°	366.6	366.7	367.2	367.8	368.5	368.5
43°	363.2	363.5	363.8	364.5	365.2	365.3
43.5°	359.7	359.8	360.6	361.1	361.8	361.9

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997246

CATALOG NUMBER: SMX8SLSFS010-1500LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	349.6	349.6	350.1	350.9	351.8	351.7
45.5°	346.4	346.2	346.8	347.4	348.5	348.3
46°	342.9	342.8	343.2	344.1	344.9	344.7
46.5°	339.4	339.4	339.7	340.6	341.3	341.4
47°	335.8	335.7	336.0	337.1	337.7	337.7
47.5°	332.2	332.0	332.5	333.3	334.2	334.2
48°	328.7	328.5	328.9	329.8	330.5	330.5
48.5°	325.1	324.9	325.2	326.1	326.9	326.9
49°	321.3	321.1	321.3	322.5	323.2	323.0
49.5°	317.7	317.3	317.9	318.6	319.5	319.3
50°	313.9	313.5	314.0	315.0	315.5	315.8
50.5°	310.1	309.8	310.3	311.2	312.0	311.9
51°	306.5	306.2	306.6	307.4	308.4	308.3
51.5°	302.9	302.4	302.9	303.7	304.7	304.4
52°	299.0	298.6	298.9	299.7	300.6	300.7
52.5°	295.2	294.6	295.0	295.8	297.0	296.8
53°	291.3	290.7	291.2	291.9	292.9	293.0
53.5°	287.5	286.9	287.3	288.1	289.0	289.0
54°	283.3	282.7	283.1	284.0	284.9	285.2
54.5°	279.4	278.7	279.2	280.1	281.1	281.1
55°	275.4	274.7	275.1	276.1	276.9	277.2
55.5°	271.4	270.7	271.2	271.9	272.9	273.0
56°	267.3	266.8	267.1	268.1	268.9	269.2
56.5°	263.4	262.8	263.4	264.0	264.9	265.2
57°	259.3	258.6	259.2	260.0	260.7	261.2
57.5°	255.2	254.6	255.0	255.5	256.7	256.6
58°	251.1	250.3	250.6	251.5	252.2	252.9
58.5°	247.1	246.3	246.8	247.3	248.3	248.8
59°	242.9	242.1	242.2	243.2	244.0	244.3
59.5°	238.6	237.9	238.0	238.8	239.7	240.0
60°	234.3	233.5	233.8	234.7	235.4	236.0
60.5°	230.1	229.2	229.5	230.3	231.2	231.7
61°	225.9	224.9	225.3	226.1	227.0	227.5
61.5°	221.6	220.5	221.3	221.7	222.9	223.3
62°	217.2	216.3	216.7	217.5	218.5	218.9
62.5°	212.8	212.0	212.3	212.9	214.0	214.6
63°	208.4	207.5	207.9	208.5	209.5	210.1
63.5°	204.1	203.1	203.6	204.2	205.2	205.9
64°	199.6	198.7	199.2	199.8	200.8	201.1
64.5°	195.2	194.3	194.6	195.3	196.5	196.8
65°	191.0	189.8	190.1	190.9	191.9	192.5
65.5°	186.6	185.2	186.0	186.4	187.6	188.2
66°	182.2	180.9	181.5	182.0	183.1	183.6

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997246

CATALOG NUMBER: SMX8SLSFS010-1500LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	168.7	167.5	167.9	168.6	169.7	170.0
68°	164.2	162.9	163.3	164.0	165.2	165.4
68.5°	159.7	158.5	158.8	159.3	160.7	161.3
69°	155.2	153.8	154.1	154.8	156.0	156.6
69.5°	150.5	149.2	149.5	150.1	151.4	151.8
70°	146.1	144.6	145.1	145.7	147.0	147.6
70.5°	141.4	140.1	140.5	141.2	142.3	142.9
71°	136.7	135.5	136.0	136.7	137.8	138.3
71.5°	132.1	130.9	131.3	132.0	133.3	133.7
72°	127.5	126.3	126.6	127.4	128.7	129.3
72.5°	122.9	121.6	122.1	122.9	124.1	124.6
73°	118.4	117.0	117.5	118.2	119.4	119.9
73.5°	113.9	112.6	112.7	113.6	115.0	115.2
74°	109.3	108.0	108.5	109.0	110.3	110.7
74.5°	104.9	103.6	104.1	104.7	106.0	106.4
75°	100.5	99.0	99.4	100.2	101.3	101.9
75.5°	95.9	94.6	94.9	95.5	96.7	97.4
76°	91.4	90.1	90.5	91.2	92.1	92.7
76.5°	86.8	85.5	85.9	86.6	87.6	88.3
77°	82.4	81.1	81.5	82.3	83.2	83.9
77.5°	78.0	76.6	77.0	77.7	78.8	79.4
78°	73.6	72.3	72.8	73.6	74.3	75.0
78.5°	69.5	68.1	68.4	69.1	70.1	70.7
79°	65.3	63.9	64.3	65.0	65.9	66.5
79.5°	61.0	59.5	60.0	60.8	61.8	62.4
80°	57.0	55.6	55.8	56.6	57.6	58.1
80.5°	53.3	51.6	51.7	52.6	53.5	54.0
81°	49.2	47.6	48.0	48.7	49.5	50.2
81.5°	45.2	43.7	44.0	44.8	45.5	46.2
82°	41.4	39.7	40.2	40.9	41.6	42.1
82.5°	37.8	35.9	36.3	37.0	37.7	38.1
83°	34.2	32.0	32.5	33.1	34.0	34.5
83.5°	30.8	28.6	29.1	29.6	30.3	30.9
84°	27.3	25.6	26.0	26.5	27.2	27.6
84.5°	24.4	22.6	22.8	23.4	24.1	24.4
85°	21.2	19.5	19.9	20.5	21.1	21.5
85.5°	18.5	16.8	17.3	17.7	18.3	18.5
86°	15.8	14.4	14.8	15.3	15.7	15.8
86.5°	13.4	12.1	12.6	13.0	13.4	13.5
87°	11.1	10.1	10.5	11.0	11.3	11.3
87.5°	9.3	8.4	8.9	9.3	9.4	9.4
88°	7.4	6.9	7.4	7.8	7.8	7.8
88.5°	5.9	5.6	6.2	6.5	6.4	6.5

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

Scaled Data Report



TEST NUMBER: P997246
CATALOG NUMBER: SMX8SLSFS010-1500LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
90°	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° - · - 135°-315°

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





21.5°	477.8	478.5	478.1	478.0	477.9	477.7	477.8	476.9	475.9	476.4	476.5
22°	475.7	476.6	476.4	476.2	476.3	475.7	475.8	475.0	474.0	474.6	474.9



44°	358.4	359.3	359.4	359.6	359.7	359.0	358.7	357.7	357.0	357.6	357.0
44.5°	355.1	355.9	356.2	356.2	356.2	355.7	355.1	354.5	353.5	354.3	353.6



66.5°	179.2	180.3	180.9	180.9	182.4	181.8	181.4	180.5	179.3	178.7	178.1
67°	174.6	175.8	176.3	176.6	177.9	177.4	177.1	175.9	174.9	174.3	173.7



89°	5.1	5.4	5.3	5.0	5.1	5.2	5.1	4.6	4.4	4.4	4.7
89.5°	4.0	4.2	4.2	3.9	3.7	3.8	3.7	3.4	3.1	3.3	3.5

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



21.5°	476.6	476.8	476.4	477.5	477.7	477.8
22°	475.0	475.2	474.5	475.8	476.0	475.7

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

Scaled Data Report



44°	356.4	356.3	357.0	357.8	358.5	358.4
44.5°	353.0	353.0	353.6	354.2	355.2	355.1

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

Scaled Data Report



66.5°	177.8	176.5	177.1	177.6	178.7	179.2
67°	173.4	172.1	172.4	173.0	174.1	174.6

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

Scaled Data Report



89°	4.6	4.4	5.0	5.3	5.2	5.1
89.5°	3.5	3.6	4.1	4.4	4.2	4.0

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

Scaled Data Report



(END OF REPORT)