

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: P997247

Luminaire Tested: **SMX8SLSFS010-1500LM-3000K**

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: P997247
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-3000K
Description: 8IN SQAURE, 90CRI, 0-10V DIMMING, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 3000K CCT
Ballast/Driver: -

Summary

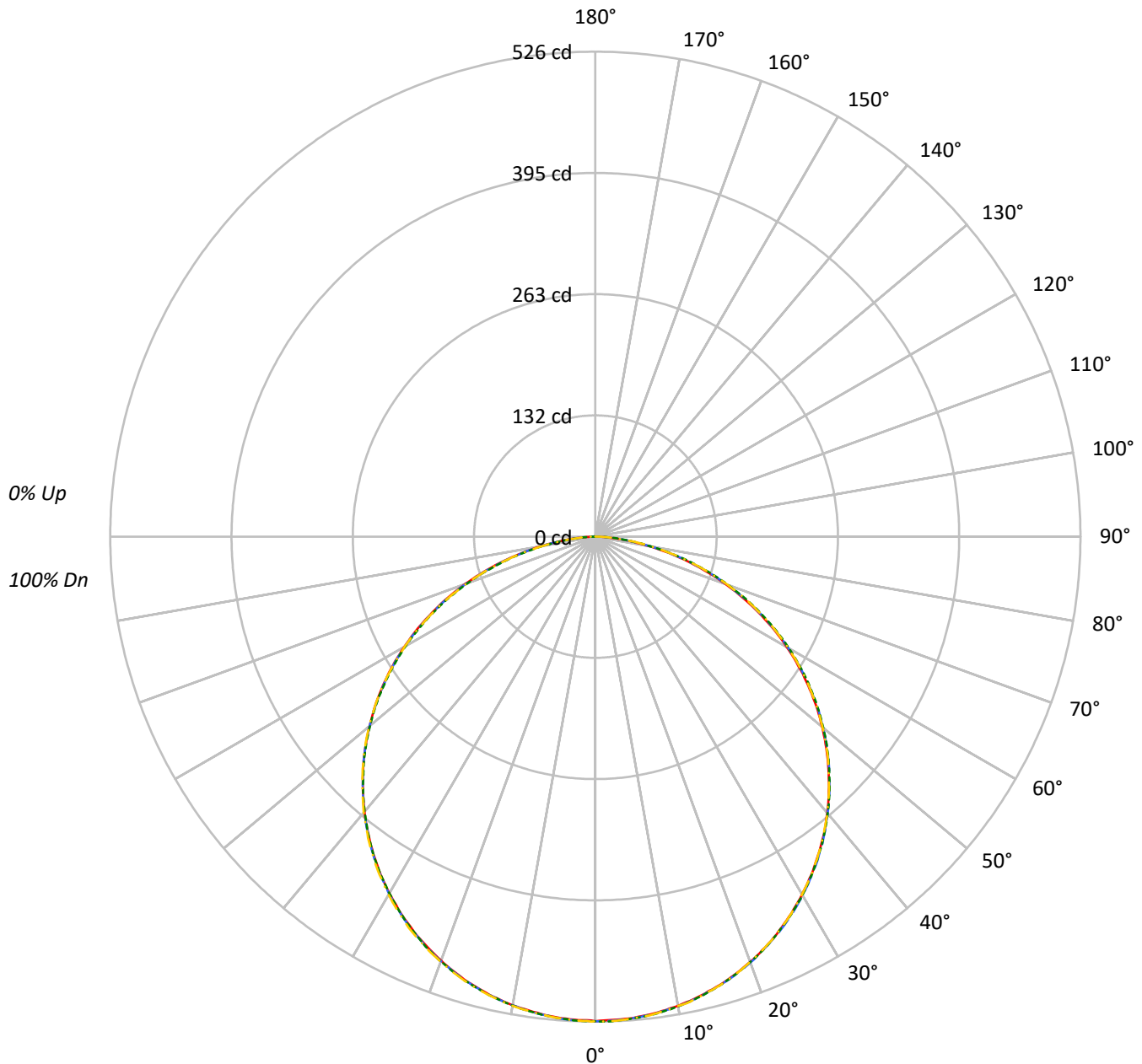
Lumens per Lamp: N/A
Luminaire Lumens: 1530.9 lumens
Efficiency: N/A
Efficacy: 98.8 lumens/watt
Spacing Criteria (0/90/45): 1.27 / 1.27 / 1.39
Luminous Opening: Rectangular (W 0.67' x L: 0.67' x H: 0')
CIE Type: Direct

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: P997247

CATALOG NUMBER: SMX8SLSFS010-1500LM-3000K

Luminous Intensity Polar Plot



Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997247

CATALOG NUMBER: SMX8SLSFS010-1500LM-3000K

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
RCR																				
0	119	119	119	119	116	116	116	116		111	111	111		106	106	106		102	102	102
1	109	104	99	96	106	102	98	94		97	94	91		93	91	88		90	88	86
2	99	90	83	78	96	88	82	77		85	79	75		82	77	73		78	75	71
3	90	79	71	64	87	78	70	64		75	68	63		72	66	61		69	64	60
4	82	70	61	54	80	69	60	54		66	59	53		64	57	52		62	56	52
5	75	62	53	47	73	61	53	46		59	52	46		57	51	45		55	50	45
6	70	56	47	41	68	55	47	40		53	46	40		52	45	40		50	44	39
7	65	51	42	36	63	50	42	36		48	41	35		47	40	35		46	40	35
8	60	46	38	32	58	46	37	32		44	37	32		43	36	31		42	36	31
9	56	43	34	29	55	42	34	29		41	34	28		40	33	28		39	33	28
10	53	39	31	26	51	39	31	26		38	31	26		37	30	26		36	30	26

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	12605	12605	12605	12605
5°	12589	12610	12579	12596
10°	12581	12598	12566	12573
15°	12556	12574	12534	12549
20°	12526	12532	12486	12511
25°	12475	12483	12432	12440
30°	12412	12432	12368	12371
35°	12335	12353	12291	12294
40°	12245	12270	12192	12186
45°	12123	12164	12072	12052
50°	11975	12038	11922	11889
55°	11781	11864	11743	11672
60°	11505	11630	11486	11385
65°	11104	11274	11098	10945
70°	10516	10741	10530	10306
75°	9598	9904	9626	9320
80°	8161	8575	8216	7802
85°	5998	6740	6218	5447



TEST NUMBER: P997247

CATALOG NUMBER: SMX8SLSFS010-1500LM-3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	49.7	3.2
10°-20°	142.8	9.3
20°-30°	217.2	14.2
30°-40°	263.4	17.2
40°-50°	275.5	18.0
50°-60°	251.6	16.4
60°-70°	193.6	12.6
70°-80°	109.8	7.2
80°-90°	27.5	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°	409.7	26.8
0°-40°	673.1	44.0
0°-60°	1200.1	78.4
0°-90°	1530.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1530.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	526	526	526	526	526	
5°	523	524	523	523	523	50
15°	506	506	505	506	506	143
25°	472	472	470	470	472	217
35°	421	422	420	420	421	264
45°	358	359	356	355	358	276
55°	282	284	281	279	282	252
65°	196	199	196	193	196	193
75°	104	107	104	101	104	109
85°	22	24	23	20	22	27
90°	0	0	0	0	0	

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997247

CATALOG NUMBER: SMX8SLSFS010-1500LM-3000K

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	525.7	525.7	525.7	525.7	525.7	525.7	525.7	525.7	525.7	525.7	525.7
0.5°	525.0	525.7	525.8	525.8	526.0	525.4	525.8	525.6	524.9	525.6	525.6
1°	525.0	525.9	525.7	525.9	526.0	525.4	525.9	525.7	524.7	525.8	525.4
1.5°	524.8	525.6	525.6	525.8	526.1	525.3	525.9	525.4	524.7	525.7	525.3
2°	524.6	525.4	525.3	525.8	526.0	525.1	525.7	525.5	524.8	525.5	525.2
2.5°	524.4	525.1	525.1	525.4	525.6	525.1	525.5	525.2	524.5	525.1	525.1
3°	524.4	524.9	524.8	525.1	525.2	524.7	525.2	525.1	524.3	524.9	524.8
3.5°	524.1	524.8	524.7	524.9	524.8	524.6	524.9	524.4	523.8	524.5	524.6
4°	524.1	524.5	524.3	524.6	524.6	524.2	524.6	524.2	523.7	524.3	524.3
4.5°	523.7	523.8	523.9	524.3	524.1	524.0	524.3	523.7	523.1	524.0	523.7
5°	523.0	523.6	523.5	524.1	523.9	523.4	523.7	523.5	522.6	523.2	523.3
5.5°	522.6	523.0	523.0	523.3	523.3	523.0	523.6	522.9	522.2	522.7	522.5
6°	522.0	522.7	522.5	523.1	523.0	522.5	523.0	522.4	521.7	522.2	522.1
6.5°	521.6	522.1	522.0	522.5	522.4	522.0	522.5	522.0	521.1	521.4	521.4
7°	521.0	521.6	521.5	522.2	522.0	521.4	521.7	521.5	520.3	521.0	521.0
7.5°	520.6	520.7	520.8	521.4	521.3	520.9	521.1	520.6	519.8	520.3	520.2
8°	519.5	520.2	520.2	520.7	520.6	520.1	520.1	519.9	519.0	519.5	519.7
8.5°	519.0	519.5	519.5	519.7	519.7	519.6	519.7	519.1	518.3	518.7	518.7
9°	518.1	518.8	518.7	519.2	519.3	518.7	518.7	518.6	517.7	517.7	518.0
9.5°	517.5	518.0	518.0	518.2	518.2	517.8	518.1	517.7	516.9	516.9	517.1
10°	516.7	517.3	517.4	517.6	517.4	516.8	516.9	516.9	516.1	516.4	516.2
10.5°	515.7	516.3	516.4	516.6	516.6	516.2	516.4	515.8	515.2	515.3	515.4
11°	514.6	515.5	515.5	515.8	515.5	515.1	515.7	515.1	514.2	514.3	514.5
11.5°	513.9	514.6	514.3	514.7	514.5	514.4	514.8	514.1	513.2	513.5	513.4
12°	512.9	513.7	513.5	513.6	513.7	513.1	513.6	512.7	512.1	512.6	512.6
12.5°	511.9	512.6	512.5	512.5	512.3	512.1	512.7	511.8	511.1	511.5	511.3
13°	510.6	511.7	511.2	511.6	511.5	510.8	511.2	510.8	510.0	510.1	510.4
13.5°	509.5	510.4	510.0	510.3	510.2	509.9	510.1	509.8	508.7	509.1	509.0
14°	508.1	509.4	508.7	509.3	509.0	508.8	508.7	508.5	507.3	507.7	507.9
14.5°	507.2	508.0	507.7	507.9	507.6	507.4	507.6	507.2	506.1	506.6	506.4
15°	505.8	507.0	506.4	506.7	506.5	506.0	506.3	506.1	504.9	505.2	505.4
15.5°	504.7	505.4	505.2	505.1	505.1	504.8	505.1	504.5	503.6	503.9	503.8
16°	503.4	504.2	503.7	503.8	503.9	503.5	503.6	503.1	502.4	502.2	502.5
16.5°	502.0	502.9	502.5	502.4	502.2	501.9	502.2	501.7	500.8	501.2	500.9
17°	500.3	501.5	500.9	500.9	501.0	500.4	500.8	500.2	499.3	499.5	499.5
17.5°	499.0	499.7	499.6	499.4	499.2	499.0	499.4	498.8	497.6	498.1	498.0
18°	497.4	498.3	498.0	498.0	498.1	497.4	497.6	497.2	496.1	496.3	496.7
18.5°	496.1	496.6	496.5	496.3	496.2	495.8	496.2	495.5	494.4	494.7	494.7
19°	494.2	495.3	494.9	494.7	494.5	494.1	494.3	493.7	492.7	492.9	493.2
19.5°	492.6	493.5	493.4	492.9	492.7	492.6	492.7	491.9	491.1	491.3	491.5
20°	490.9	492.0	491.5	491.4	491.1	491.0	490.9	490.3	489.3	489.4	489.9
20.5°	489.2	490.0	489.9	489.4	489.5	489.3	489.3	488.7	487.5	487.8	488.0
21°	487.4	488.5	488.0	487.8	487.7	487.5	487.5	486.5	485.7	486.1	486.5

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997247

CATALOG NUMBER: SMX8SLSFS010-1500LM-3000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
22.5°	481.9	482.5	482.3	482.2	482.1	481.8	481.8	480.8	479.9	480.5	480.6
23°	479.9	480.6	480.4	480.0	480.2	479.8	479.9	479.1	478.0	478.6	478.9
23.5°	478.1	478.7	478.5	478.0	478.3	477.8	478.0	477.2	476.2	476.4	476.4
24°	475.9	476.9	476.5	476.0	476.3	475.8	476.0	475.0	474.3	474.4	474.7
24.5°	474.0	474.9	474.5	474.2	474.0	473.7	473.8	473.0	472.1	472.4	472.6
25°	471.5	472.7	472.5	472.1	471.8	471.5	471.6	470.8	469.9	470.4	470.7
25.5°	469.7	470.3	470.4	469.8	469.6	469.4	469.6	468.6	467.6	468.3	468.4
26°	467.1	468.3	468.2	467.8	467.5	467.2	467.3	466.4	465.5	466.0	466.4
26.5°	465.0	466.0	465.9	465.4	465.5	464.8	465.1	464.2	463.4	463.7	464.0
27°	462.5	463.7	463.8	463.3	463.1	462.6	462.7	461.8	461.2	461.5	461.8
27.5°	460.5	461.4	461.5	461.0	460.9	460.5	460.5	459.8	458.8	459.2	459.2
28°	457.8	459.0	459.2	458.7	458.6	458.1	458.1	457.2	456.3	456.6	457.0
28.5°	455.5	456.5	456.8	456.2	456.3	455.9	455.7	455.1	453.6	454.4	454.4
29°	453.0	454.2	454.3	453.8	453.9	453.2	453.2	452.6	451.5	452.1	452.2
29.5°	450.9	451.7	451.9	451.4	451.5	450.9	450.8	450.1	449.1	449.5	449.7
30°	448.3	449.1	449.3	448.9	449.0	448.2	448.3	447.5	446.7	447.0	447.3
30.5°	445.7	446.6	446.9	446.3	446.4	445.8	445.6	444.9	444.0	444.4	444.6
31°	443.1	444.0	444.1	443.8	444.0	443.3	443.2	442.2	441.5	441.7	442.1
31.5°	440.5	441.2	441.7	441.1	441.1	440.8	440.6	439.7	438.9	439.0	439.4
32°	437.6	438.3	438.7	438.4	438.5	438.1	438.0	437.0	436.4	436.3	436.8
32.5°	435.4	435.8	436.4	436.0	435.8	435.5	435.3	434.6	433.7	433.9	434.3
33°	432.8	433.3	433.6	433.4	433.4	432.9	432.9	431.8	431.0	431.2	431.6
33.5°	429.7	430.4	431.1	430.6	430.4	430.3	429.8	429.1	427.9	428.5	428.7
34°	426.8	427.7	428.3	427.8	427.7	427.4	427.0	426.4	425.4	425.7	426.1
34.5°	424.2	425.1	425.4	425.0	424.8	424.7	424.4	423.5	422.5	423.0	423.3
35°	421.4	422.2	422.4	422.1	422.0	421.8	421.4	420.4	419.9	419.9	420.3
35.5°	418.6	419.4	419.7	419.3	419.3	419.0	418.4	417.7	416.7	417.5	417.5
36°	415.6	416.4	416.7	416.3	416.5	416.0	415.6	414.9	414.1	414.4	414.6
36.5°	412.7	413.3	413.9	413.3	413.6	413.2	412.5	412.0	410.9	411.4	411.3
37°	409.7	410.2	410.6	410.4	410.4	410.1	409.7	409.0	407.9	408.4	408.5
37.5°	406.8	407.1	407.7	407.5	407.4	407.1	406.7	405.8	404.9	405.6	405.1
38°	403.7	404.2	404.6	404.4	404.3	403.8	403.5	402.7	402.0	402.6	402.3
38.5°	400.6	401.2	401.4	401.5	401.3	401.1	400.4	399.6	398.7	399.6	399.1
39°	397.4	398.1	398.2	398.3	398.2	397.9	397.4	396.6	395.7	396.3	395.9
39.5°	394.3	395.0	395.1	395.2	395.2	395.0	394.4	393.7	392.6	393.3	393.0
40°	391.2	391.8	392.0	392.0	392.0	391.9	391.2	390.3	389.5	390.0	389.7
40.5°	387.8	388.6	388.8	388.8	388.7	388.6	387.9	387.0	386.1	386.8	386.4
41°	384.6	385.5	385.7	385.5	385.5	385.3	384.8	383.8	383.0	383.5	383.2
41.5°	381.4	382.0	382.5	382.2	382.5	382.0	381.4	380.5	379.6	380.0	379.7
42°	378.1	378.6	378.9	379.1	379.2	378.6	378.3	377.1	376.4	376.5	376.6
42.5°	374.6	375.5	375.9	375.8	375.8	375.2	374.8	373.8	373.2	373.4	373.3
43°	371.3	372.2	372.4	372.4	372.5	371.9	371.4	370.5	369.7	370.0	369.9
43.5°	367.9	368.7	368.9	368.9	369.0	368.4	368.0	367.1	366.3	366.8	366.3

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997247

CATALOG NUMBER: SMX8SLSFS010-1500LM-3000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	357.5	358.4	358.6	358.8	358.7	358.2	357.6	356.8	356.0	356.3	356.0
45.5°	354.1	354.9	355.2	355.3	355.2	354.8	354.2	353.4	352.7	353.1	352.6
46°	350.4	351.4	351.8	351.9	351.8	351.4	351.0	349.9	349.1	349.4	349.1
46.5°	347.0	347.6	348.2	348.3	348.3	348.1	347.5	346.6	345.5	345.9	345.6
47°	343.3	344.1	344.6	344.7	344.7	344.3	343.9	343.0	341.8	342.3	341.9
47.5°	339.8	340.4	340.8	341.1	341.0	340.7	339.9	339.2	338.2	338.7	338.3
48°	335.9	336.9	337.2	337.4	337.6	336.9	336.4	335.5	334.6	334.8	334.6
48.5°	332.3	333.0	333.6	333.7	334.0	333.4	332.9	332.0	331.0	331.2	330.9
49°	328.3	329.3	329.8	330.0	330.1	329.7	329.4	328.1	327.1	327.5	327.1
49.5°	324.6	325.5	326.1	326.4	326.4	325.9	325.5	324.4	323.3	323.9	323.3
50°	321.0	321.8	322.4	322.6	322.7	322.1	321.7	320.3	319.6	319.9	319.6
50.5°	317.0	317.9	318.5	318.6	318.9	318.3	317.7	316.4	315.7	316.1	315.7
51°	313.4	314.1	314.6	314.8	315.1	314.5	314.0	312.7	312.1	312.3	311.9
51.5°	309.4	310.5	310.9	310.9	311.5	310.9	310.2	309.2	308.4	308.6	308.3
52°	305.7	306.6	307.2	307.3	307.7	307.0	306.6	305.5	304.6	304.7	304.2
52.5°	301.8	302.6	303.1	303.3	303.6	303.3	302.6	301.5	300.8	300.8	300.2
53°	297.8	298.7	299.3	299.5	299.9	299.2	298.9	297.5	296.8	296.8	296.3
53.5°	293.8	294.6	295.3	295.4	296.0	295.4	294.6	293.8	292.8	293.0	292.3
54°	289.9	290.8	291.2	291.5	291.7	291.4	290.8	289.6	288.8	288.8	288.2
54.5°	285.7	286.7	287.3	287.2	287.9	287.4	286.7	285.7	284.8	284.9	284.2
55°	281.8	282.6	283.3	283.4	283.8	283.5	282.8	281.9	280.9	280.7	280.3
55.5°	277.5	278.5	279.2	279.3	279.9	279.4	278.8	277.7	276.8	276.7	276.2
56°	273.6	274.4	275.0	275.3	275.8	275.4	274.6	273.6	272.7	272.7	272.2
56.5°	269.6	270.6	271.0	271.3	271.8	271.5	270.7	269.6	268.8	268.6	268.2
57°	265.5	266.5	266.9	267.2	267.7	267.3	266.7	265.4	264.7	264.4	264.0
57.5°	260.9	262.2	262.8	262.9	263.5	263.2	262.5	261.2	260.5	260.2	259.8
58°	257.1	257.9	258.6	258.7	259.3	258.8	258.3	257.1	256.4	256.1	255.7
58.5°	252.9	253.7	254.3	254.4	255.4	254.9	254.1	253.0	252.0	251.9	251.4
59°	248.4	249.5	250.1	250.3	250.9	250.4	249.9	248.8	247.8	247.6	247.0
59.5°	244.0	245.2	245.8	245.8	246.8	246.3	245.7	244.7	243.6	243.5	242.7
60°	239.9	240.9	241.5	241.5	242.5	241.9	241.4	240.5	239.5	239.1	238.5
60.5°	235.5	236.5	237.2	237.1	238.3	237.8	237.1	236.1	235.3	234.9	234.2
61°	231.3	232.4	232.6	233.0	234.0	233.4	232.9	232.0	230.8	230.5	229.8
61.5°	227.0	228.1	228.5	228.6	229.8	229.1	228.4	227.6	226.5	226.1	225.5
62°	222.5	223.7	224.1	224.3	225.3	224.8	224.3	223.2	222.3	221.7	221.2
62.5°	218.2	219.2	219.8	219.6	221.1	220.5	219.8	218.9	217.8	217.5	216.7
63°	213.6	214.8	215.1	215.3	216.5	216.0	215.5	214.6	213.5	213.1	212.3
63.5°	209.3	210.3	210.7	210.8	212.1	211.5	210.9	210.1	209.1	208.6	207.9
64°	204.4	205.8	206.3	206.4	207.7	207.1	206.6	205.8	204.6	204.1	203.4
64.5°	200.1	201.4	201.7	201.8	203.2	202.7	202.1	201.4	200.0	199.5	198.9
65°	195.7	196.8	197.1	197.5	198.7	198.4	197.8	196.9	195.6	195.1	194.6
65.5°	191.3	192.3	192.6	192.7	194.3	193.9	193.3	192.4	191.2	190.7	190.1
66°	186.7	187.9	188.4	188.5	189.7	189.3	188.9	187.9	186.9	186.3	185.6

TEST NUMBER: P997247

CATALOG NUMBER: SMX8SLSFS010-1500LM-3000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	172.8	174.2	174.8	174.8	176.4	175.9	175.4	174.5	173.2	172.5	171.9
68°	168.2	169.6	170.0	170.3	171.8	171.1	170.8	169.6	168.6	167.9	167.3
68.5°	164.0	165.0	165.4	165.7	167.0	166.5	166.1	165.0	164.0	163.3	162.7
69°	159.1	160.3	160.7	161.1	162.4	162.1	161.7	160.3	159.3	158.7	158.2
69.5°	154.4	155.6	156.2	156.5	157.9	157.5	157.1	155.8	154.7	153.9	153.4
70°	150.0	151.0	151.5	152.1	153.2	152.7	152.4	151.1	150.2	149.4	148.7
70.5°	145.3	146.6	147.1	147.5	148.7	148.2	147.8	146.5	145.5	144.8	144.2
71°	140.6	141.9	142.4	143.0	143.9	143.6	143.3	142.0	141.0	140.2	139.5
71.5°	135.9	137.3	137.8	138.2	139.4	139.0	138.5	137.1	136.2	135.6	134.8
72°	131.5	132.5	133.0	133.7	134.7	134.3	133.8	132.6	131.5	130.8	130.2
72.5°	126.6	127.9	128.5	129.1	130.1	129.5	129.0	128.0	126.9	126.1	125.4
73°	121.9	123.3	123.8	124.2	125.3	124.9	124.4	123.2	122.3	121.4	120.8
73.5°	117.1	118.6	119.1	119.5	120.6	120.3	119.7	118.6	117.4	116.7	116.1
74°	112.6	114.0	114.4	114.9	115.8	115.8	115.3	113.9	113.0	112.0	111.4
74.5°	108.2	109.5	109.9	110.1	111.3	111.1	110.7	109.1	108.4	107.5	107.1
75°	103.6	104.9	105.4	105.5	106.9	106.4	106.1	104.9	103.9	102.9	102.5
75.5°	99.0	100.3	100.8	100.9	102.4	101.9	101.6	100.3	99.2	98.5	98.0
76°	94.3	95.6	96.0	96.2	97.6	97.4	97.0	95.7	94.8	93.9	93.5
76.5°	89.7	91.1	91.6	91.6	93.2	92.8	92.5	91.2	90.1	89.2	88.8
77°	85.3	86.6	87.0	87.0	88.5	88.2	88.0	86.7	85.6	84.8	84.3
77.5°	80.7	82.0	82.5	82.4	84.1	83.6	83.6	82.2	81.0	80.3	79.9
78°	76.2	77.6	77.9	78.0	79.6	79.2	79.0	77.6	76.5	75.8	75.4
78.5°	71.8	73.1	73.6	73.7	75.1	74.7	74.4	73.1	72.2	71.5	71.1
79°	67.6	68.8	69.2	69.3	70.6	70.5	70.2	68.8	68.0	67.2	67.1
79.5°	63.4	64.5	65.0	65.1	66.3	66.2	65.9	64.6	63.7	62.8	62.6
80°	59.1	60.2	60.7	60.8	62.1	62.0	61.6	60.4	59.5	58.7	58.3
80.5°	54.9	56.0	56.5	56.6	58.1	57.8	57.5	56.2	55.5	54.8	54.4
81°	51.0	51.9	52.4	52.5	54.0	53.9	53.5	52.3	51.5	50.9	50.5
81.5°	47.0	47.9	48.5	48.5	50.2	49.8	49.5	48.4	47.5	46.8	46.4
82°	42.8	43.8	44.3	44.5	46.0	46.0	45.5	44.4	43.7	42.9	42.5
82.5°	38.8	39.9	40.4	40.5	42.1	42.0	41.7	40.6	39.9	39.2	38.8
83°	35.1	35.8	36.3	36.6	38.3	38.2	37.9	36.8	36.2	35.4	35.2
83.5°	31.4	32.2	32.5	32.7	34.6	34.5	34.1	33.2	32.5	31.9	31.5
84°	28.0	28.7	29.1	29.1	30.9	30.9	30.5	29.6	28.9	28.4	28.1
84.5°	24.8	25.6	25.9	25.9	27.5	27.5	27.2	26.4	25.8	25.3	25.1
85°	21.8	22.6	22.7	22.9	24.5	24.4	24.1	23.4	22.6	22.1	22.0
85.5°	18.8	19.6	19.8	19.8	21.3	21.4	21.0	20.3	19.5	19.2	19.1
86°	16.1	16.8	17.0	16.9	18.3	18.4	18.1	17.3	16.7	16.3	16.2
86.5°	13.7	14.4	14.4	14.4	15.6	15.6	15.3	14.7	14.1	13.7	13.8
87°	11.5	12.1	12.2	12.1	13.0	13.1	12.8	12.2	11.6	11.4	11.4
87.5°	9.5	10.0	10.1	9.9	10.7	10.7	10.6	10.0	9.5	9.4	9.4
88°	7.9	8.3	8.3	8.1	8.6	8.6	8.4	8.0	7.5	7.6	7.5
88.5°	6.6	6.7	6.7	6.6	6.7	6.9	6.8	6.2	5.8	5.9	6.0

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

Scaled Data Report



TEST NUMBER: P997247
CATALOG NUMBER: SMX8SLSFS010-1500LM-3000K

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: P997247

CATALOG NUMBER: SMX8SLSFS010-1500LM-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	525.7	525.7	525.7	525.7	525.7	525.7
0.5°	525.8	525.8	525.4	526.1	525.7	525.0
1°	525.8	525.8	525.1	525.6	526.0	525.0
1.5°	525.4	525.6	525.2	525.7	525.6	524.8
2°	525.5	525.4	525.0	525.4	525.5	524.6
2.5°	525.0	525.2	525.1	525.3	524.9	524.4
3°	525.0	524.8	524.7	524.8	525.1	524.4
3.5°	524.4	524.4	524.5	524.7	524.7	524.1
4°	524.3	524.1	523.8	524.1	524.5	524.1
4.5°	523.7	523.7	523.5	523.8	523.8	523.7
5°	523.4	523.3	523.1	523.2	523.5	523.0
5.5°	522.7	522.6	522.6	522.9	522.9	522.6
6°	522.3	522.3	521.9	522.0	522.5	522.0
6.5°	521.6	521.7	521.4	521.6	521.8	521.6
7°	521.1	520.9	520.7	521.1	521.4	521.0
7.5°	520.3	520.2	520.0	520.3	520.6	520.6
8°	519.9	519.5	519.2	519.4	520.1	519.5
8.5°	519.2	518.8	518.7	519.2	519.1	519.0
9°	518.3	518.2	517.8	518.3	518.6	518.1
9.5°	517.5	517.3	517.1	517.6	517.7	517.5
10°	516.7	516.4	516.0	516.7	517.0	516.7
10.5°	515.7	515.6	515.2	515.9	516.2	515.7
11°	514.8	514.7	514.4	514.9	515.3	514.6
11.5°	513.5	513.6	513.5	514.0	514.2	513.9
12°	512.6	512.4	512.2	512.9	513.1	512.9
12.5°	511.4	511.5	511.4	511.9	512.0	511.9
13°	510.4	510.6	509.9	510.7	511.0	510.6
13.5°	509.0	509.3	508.9	509.5	509.7	509.5
14°	508.0	508.0	507.4	508.2	508.6	508.1
14.5°	506.8	506.7	506.4	507.1	507.3	507.2
15°	505.4	505.5	504.9	505.9	506.2	505.8
15.5°	503.9	504.2	503.8	504.6	504.9	504.7
16°	502.6	502.7	502.5	503.2	503.6	503.4
16.5°	501.0	501.7	501.2	501.8	501.9	502.0
17°	499.6	500.2	499.4	500.3	500.6	500.3
17.5°	498.0	498.5	497.8	498.6	498.9	499.0
18°	496.6	497.0	496.2	497.4	497.7	497.4
18.5°	495.0	495.2	494.8	495.7	495.9	496.1
19°	493.5	493.5	493.1	494.1	494.4	494.2
19.5°	491.9	491.7	491.6	492.5	492.6	492.6
20°	490.2	490.3	489.8	491.0	491.2	490.9
20.5°	488.3	488.6	488.3	488.7	489.1	489.2
21°	486.4	486.5	486.0	487.1	487.5	487.4

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997247

CATALOG NUMBER: SMX8SLSFS010-1500LM-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	480.6	481.1	480.6	481.7	481.5	481.9
23°	478.7	478.9	478.6	479.8	479.8	479.9
23.5°	476.6	476.7	477.0	477.9	477.5	478.1
24°	474.7	474.5	474.8	476.0	475.8	475.9
24.5°	472.6	472.6	472.7	474.1	473.6	474.0
25°	470.4	470.2	470.5	472.1	471.9	471.5
25.5°	468.3	468.2	468.4	470.1	469.5	469.7
26°	466.0	466.2	466.2	467.6	467.3	467.1
26.5°	463.8	463.8	463.8	465.2	464.7	465.0
27°	461.5	461.3	461.3	462.9	462.6	462.5
27.5°	459.0	459.0	459.0	460.5	460.1	460.5
28°	456.8	456.8	456.6	458.2	458.0	457.8
28.5°	454.1	454.2	454.3	455.7	455.3	455.5
29°	451.8	451.5	451.9	453.4	453.1	453.0
29.5°	449.2	449.1	449.6	450.9	450.4	450.9
30°	446.9	446.8	447.1	448.4	447.9	448.3
30.5°	444.2	444.1	444.5	445.7	445.4	445.7
31°	441.8	441.4	441.8	443.3	443.0	443.1
31.5°	439.0	438.8	439.2	440.5	440.3	440.5
32°	436.5	436.4	436.5	437.8	437.6	437.6
32.5°	433.8	433.8	434.3	435.2	434.9	435.4
33°	431.2	431.2	431.4	432.5	432.2	432.8
33.5°	428.5	428.3	428.7	429.9	429.7	429.7
34°	425.8	425.6	426.0	427.0	426.9	426.8
34.5°	422.7	422.8	423.1	424.0	424.2	424.2
35°	419.9	420.0	420.3	421.1	421.3	421.4
35.5°	417.0	416.8	417.4	418.2	418.4	418.6
36°	414.2	413.8	414.5	415.4	415.7	415.6
36.5°	411.0	411.0	411.3	412.3	412.5	412.7
37°	407.9	408.0	408.4	409.4	409.5	409.7
37.5°	404.7	405.1	405.5	406.1	406.5	406.8
38°	401.7	402.0	402.3	402.9	403.5	403.7
38.5°	398.5	398.6	399.1	399.8	400.3	400.6
39°	395.4	395.6	396.0	396.7	397.3	397.4
39.5°	392.5	392.4	393.0	393.7	394.3	394.3
40°	389.3	389.3	389.8	390.6	391.0	391.2
40.5°	385.9	386.0	386.4	387.3	387.8	387.8
41°	382.7	382.7	383.1	383.9	384.6	384.6
41.5°	379.3	379.4	379.7	380.5	381.0	381.4
42°	375.9	376.1	376.4	377.3	377.7	378.1
42.5°	372.6	372.7	373.3	373.9	374.6	374.6
43°	369.2	369.5	369.9	370.5	371.2	371.3
43.5°	365.6	365.8	366.6	367.0	367.8	367.9

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997247

CATALOG NUMBER: SMX8SLSFS010-1500LM-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	355.4	355.4	355.9	356.8	357.6	357.5
45.5°	352.1	352.0	352.5	353.2	354.3	354.1
46°	348.6	348.5	348.9	349.8	350.6	350.4
46.5°	345.0	345.0	345.4	346.2	346.9	347.0
47°	341.4	341.2	341.6	342.6	343.3	343.3
47.5°	337.7	337.5	338.0	338.9	339.7	339.8
48°	334.1	334.0	334.3	335.2	336.0	335.9
48.5°	330.4	330.3	330.5	331.5	332.3	332.3
49°	326.7	326.4	326.6	327.9	328.5	328.3
49.5°	322.9	322.6	323.2	323.8	324.8	324.6
50°	319.1	318.7	319.2	320.2	320.8	321.0
50.5°	315.3	314.9	315.4	316.3	317.2	317.0
51°	311.6	311.3	311.7	312.5	313.5	313.4
51.5°	307.9	307.4	307.9	308.8	309.8	309.4
52°	303.9	303.5	303.8	304.7	305.6	305.7
52.5°	300.1	299.5	299.9	300.7	301.9	301.8
53°	296.1	295.5	296.0	296.8	297.7	297.8
53.5°	292.3	291.6	292.1	292.9	293.8	293.8
54°	288.0	287.4	287.8	288.7	289.6	289.9
54.5°	284.0	283.3	283.8	284.7	285.7	285.7
55°	280.0	279.2	279.7	280.7	281.5	281.8
55.5°	275.9	275.2	275.7	276.4	277.4	277.5
56°	271.7	271.2	271.6	272.5	273.3	273.6
56.5°	267.8	267.2	267.8	268.4	269.2	269.6
57°	263.6	262.8	263.4	264.3	265.0	265.5
57.5°	259.4	258.8	259.2	259.7	260.9	260.9
58°	255.3	254.4	254.8	255.7	256.4	257.1
58.5°	251.2	250.4	250.8	251.4	252.4	252.9
59°	246.9	246.1	246.2	247.2	248.0	248.4
59.5°	242.5	241.8	242.0	242.7	243.7	244.0
60°	238.2	237.4	237.7	238.6	239.3	239.9
60.5°	233.9	233.0	233.3	234.1	235.1	235.5
61°	229.6	228.6	229.1	229.9	230.8	231.3
61.5°	225.3	224.2	225.0	225.4	226.6	227.0
62°	220.8	219.9	220.3	221.1	222.1	222.5
62.5°	216.3	215.5	215.8	216.5	217.6	218.2
63°	211.9	211.0	211.4	212.0	213.0	213.6
63.5°	207.5	206.5	207.0	207.6	208.6	209.3
64°	202.9	202.0	202.5	203.1	204.1	204.4
64.5°	198.5	197.5	197.8	198.5	199.7	200.1
65°	194.1	192.9	193.3	194.0	195.1	195.7
65.5°	189.7	188.3	189.1	189.5	190.7	191.3
66°	185.2	183.9	184.5	185.0	186.1	186.7

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997247

CATALOG NUMBER: SMX8SLSFS010-1500LM-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	171.5	170.2	170.7	171.4	172.6	172.8
68°	166.9	165.6	166.0	166.7	168.0	168.2
68.5°	162.3	161.1	161.4	161.9	163.3	164.0
69°	157.8	156.3	156.7	157.4	158.6	159.1
69.5°	153.0	151.7	152.0	152.6	153.9	154.4
70°	148.5	147.0	147.5	148.2	149.4	150.0
70.5°	143.7	142.4	142.8	143.6	144.7	145.3
71°	139.0	137.7	138.3	138.9	140.1	140.6
71.5°	134.3	133.1	133.5	134.2	135.5	135.9
72°	129.6	128.4	128.7	129.6	130.8	131.5
72.5°	125.0	123.7	124.2	124.9	126.1	126.6
73°	120.3	118.9	119.5	120.1	121.4	121.9
73.5°	115.8	114.4	114.6	115.5	116.9	117.1
74°	111.1	109.8	110.3	110.8	112.1	112.6
74.5°	106.6	105.3	105.8	106.4	107.7	108.2
75°	102.1	100.6	101.1	101.9	103.0	103.6
75.5°	97.5	96.2	96.5	97.1	98.3	99.0
76°	92.9	91.6	92.0	92.7	93.7	94.3
76.5°	88.2	86.9	87.3	88.0	89.1	89.7
77°	83.7	82.4	82.9	83.6	84.6	85.3
77.5°	79.3	77.9	78.3	79.0	80.1	80.7
78°	74.8	73.5	74.0	74.8	75.6	76.2
78.5°	70.6	69.2	69.5	70.2	71.2	71.8
79°	66.4	65.0	65.4	66.1	67.0	67.6
79.5°	62.0	60.5	61.0	61.8	62.8	63.4
80°	58.0	56.5	56.7	57.6	58.5	59.1
80.5°	54.1	52.4	52.6	53.5	54.4	54.9
81°	50.0	48.4	48.8	49.5	50.3	51.0
81.5°	46.0	44.4	44.8	45.5	46.3	47.0
82°	42.1	40.4	40.9	41.6	42.3	42.8
82.5°	38.4	36.5	36.9	37.6	38.3	38.8
83°	34.8	32.6	33.0	33.6	34.5	35.1
83.5°	31.3	29.1	29.6	30.0	30.8	31.4
84°	27.8	26.0	26.4	27.0	27.6	28.0
84.5°	24.8	22.9	23.2	23.8	24.5	24.8
85°	21.6	19.8	20.3	20.9	21.4	21.8
85.5°	18.8	17.1	17.6	18.0	18.6	18.8
86°	16.1	14.7	15.1	15.6	15.9	16.1
86.5°	13.6	12.3	12.8	13.2	13.6	13.7
87°	11.3	10.3	10.7	11.2	11.5	11.5
87.5°	9.4	8.5	9.1	9.4	9.6	9.5
88°	7.5	7.0	7.5	7.9	7.9	7.9
88.5°	6.0	5.7	6.3	6.6	6.5	6.6

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

Scaled Data Report



TEST NUMBER: P997247
CATALOG NUMBER: SMX8SLSFS010-1500LM-3000K

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°	485.7	486.5	486.1	485.9	485.8	485.6	485.7	484.8	483.8	484.3	484.4
22°	483.6	484.5	484.3	484.1	484.2	483.6	483.7	482.9	481.9	482.4	482.7



44°	364.4	365.3	365.4	365.5	365.7	364.9	364.6	363.7	362.9	363.5	362.9
44.5°	361.0	361.8	362.1	362.1	362.0	361.6	361.0	360.4	359.3	360.1	359.5



66.5°	182.1	183.3	183.9	183.9	185.4	184.8	184.4	183.5	182.3	181.7	181.0
67°	177.5	178.7	179.3	179.5	180.8	180.3	180.0	178.8	177.8	177.2	176.5

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

Scaled Data Report



89°	5.1	5.4	5.4	5.1	5.2	5.3	5.2	4.7	4.5	4.5	4.7
89.5°	4.0	4.2	4.3	4.0	3.8	3.9	3.8	3.4	3.2	3.4	3.6

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°	484.5	484.7	484.3	485.4	485.6	485.7
22°	482.8	483.1	482.4	483.7	483.8	483.6

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

Scaled Data Report



44°	362.3	362.2	362.9	363.7	364.4	364.4
44.5°	358.8	358.9	359.4	360.1	361.0	361.0

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

Scaled Data Report



66.5°	180.7	179.5	180.0	180.6	181.7	182.1
67°	176.3	174.9	175.3	175.9	177.0	177.5

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

Scaled Data Report



89°	4.7	4.5	5.1	5.4	5.3	5.1
89.5°	3.5	3.7	4.2	4.4	4.3	4.0

Classified

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report



(END OF REPORT)