

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: P997251

Luminaire Tested: **SMX8SLSFS010-900LM-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: P997251
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: SMX8SLSFS010-900LM-2700K
Description: 8IN SQAURE, 90CRI, 0-10V DIMMING, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 2700K CCT
Ballast/Driver: -

Summary

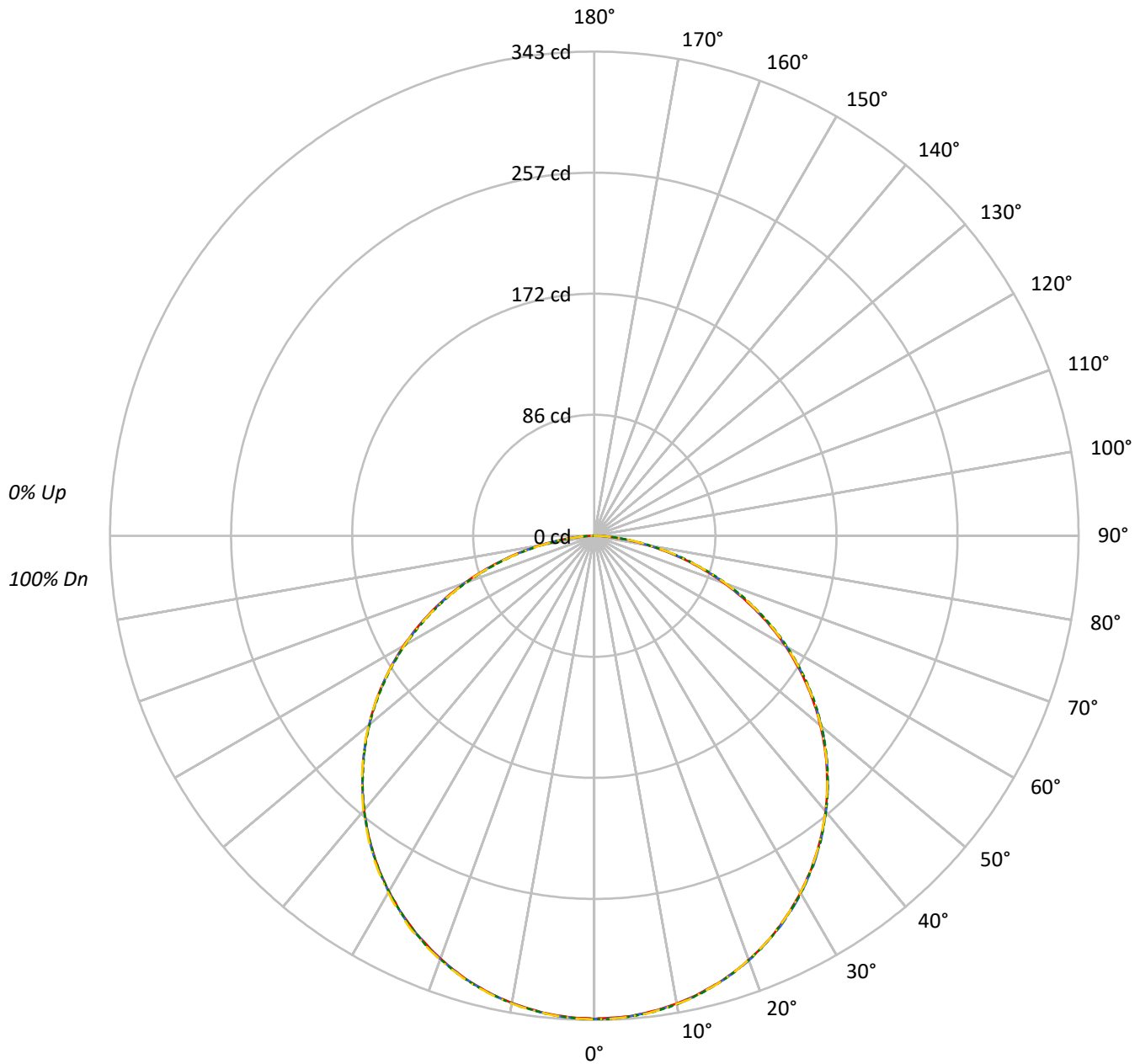
Lumens per Lamp: N/A
Luminaire Lumens: 997.0 lumens
Efficiency: N/A
Efficacy: 100.7 lumens/watt
Spacing Criteria (0/90/45): 1.27 / 1.27 / 1.39
Luminous Opening: Rectangular (W 0.67' x L: 0.67' x H: 0')
CIE Type: Direct

Input Watts (W): 9.9
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					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°	8210	8210	8210	8210
5°	8198	8213	8193	8203
10°	8193	8205	8183	8188
15°	8177	8187	8162	8172
20°	8158	8160	8132	8148
25°	8125	8130	8096	8101
30°	8085	8096	8054	8057
35°	8032	8044	8003	8006
40°	7976	7991	7938	7935
45°	7894	7922	7864	7847
50°	7796	7841	7763	7741
55°	7671	7726	7650	7600
60°	7496	7572	7481	7414
65°	7228	7342	7228	7132
70°	6850	6997	6857	6716
75°	6254	6448	6272	6068
80°	5316	5579	5358	5082
85°	3907	4374	4044	3549

Classified

Scaled Data Report

Cooper Lighting Solutions Photometric Lab

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Peachtree City, GA 30269



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.4	3.2
10°-20°	93.0	9.3
20°-30°	141.5	14.2
30°-40°	171.5	17.2
40°-50°	179.4	18.0
50°-60°	163.8	16.4
60°-70°	126.1	12.6
70°-80°	71.5	7.2
80°-90°	17.9	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°	266.8	26.8
0°-40°	438.4	44.0
0°-60°	781.6	78.4
0°-90°	997.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	997.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	342	342	342	342	342	
5°	341	341	340	341	341	32
15°	329	330	329	329	329	93
25°	307	307	306	306	307	142
35°	274	275	273	274	274	172
45°	233	234	232	231	233	180
55°	184	185	183	182	184	164
65°	127	129	127	126	127	126
75°	68	70	68	66	68	71
85°	14	16	15	13	14	18
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	342.4	342.4	342.4	342.4	342.4	342.4	342.4	342.4	342.4	342.4	342.4
0.5°	341.9	342.4	342.4	342.4	342.4	342.2	342.4	342.3	341.8	342.3	342.3
1°	341.9	342.5	342.4	342.5	342.6	342.2	342.5	342.4	341.7	342.4	342.2
1.5°	341.8	342.3	342.3	342.5	342.6	342.1	342.5	342.2	341.7	342.4	342.1
2°	341.7	342.2	342.1	342.5	342.6	342.0	342.4	342.2	341.8	342.2	342.0
2.5°	341.5	342.0	342.0	342.2	342.3	342.0	342.2	342.0	341.6	342.0	342.0
3°	341.5	341.9	341.8	342.0	342.1	341.7	342.1	342.0	341.5	341.9	341.8
3.5°	341.4	341.8	341.7	341.8	341.8	341.6	341.9	341.5	341.2	341.6	341.7
4°	341.3	341.6	341.5	341.7	341.7	341.4	341.7	341.4	341.0	341.4	341.5
4.5°	341.1	341.1	341.2	341.5	341.3	341.3	341.5	341.1	340.7	341.2	341.1
5°	340.6	341.0	340.9	341.3	341.2	340.8	341.1	341.0	340.4	340.8	340.8
5.5°	340.4	340.6	340.6	340.8	340.8	340.6	341.0	340.5	340.1	340.4	340.3
6°	340.0	340.4	340.3	340.7	340.6	340.3	340.6	340.2	339.8	340.1	340.0
6.5°	339.7	340.0	339.9	340.3	340.2	340.0	340.3	339.9	339.4	339.6	339.6
7°	339.3	339.7	339.6	340.1	340.0	339.6	339.7	339.6	338.9	339.3	339.3
7.5°	339.0	339.1	339.2	339.6	339.5	339.2	339.4	339.1	338.5	338.9	338.8
8°	338.4	338.8	338.8	339.1	339.0	338.7	338.7	338.6	338.0	338.3	338.4
8.5°	338.0	338.3	338.3	338.4	338.5	338.4	338.5	338.1	337.6	337.8	337.8
9°	337.4	337.9	337.8	338.1	338.2	337.8	337.8	337.8	337.1	337.2	337.3
9.5°	337.0	337.4	337.3	337.5	337.5	337.2	337.4	337.1	336.6	336.7	336.7
10°	336.5	336.9	337.0	337.1	337.0	336.6	336.7	336.7	336.1	336.3	336.2
10.5°	335.9	336.3	336.3	336.4	336.4	336.2	336.3	335.9	335.5	335.6	335.6
11°	335.2	335.7	335.7	335.9	335.8	335.5	335.8	335.5	334.9	334.9	335.1
11.5°	334.7	335.2	334.9	335.2	335.1	335.0	335.3	334.8	334.2	334.4	334.4
12°	334.0	334.6	334.4	334.5	334.6	334.2	334.5	333.9	333.5	333.8	333.8
12.5°	333.4	333.8	333.7	333.8	333.6	333.5	333.9	333.3	332.9	333.1	333.0
13°	332.6	333.2	333.0	333.2	333.1	332.7	332.9	332.7	332.1	332.2	332.4
13.5°	331.8	332.4	332.2	332.3	332.3	332.1	332.2	332.0	331.3	331.6	331.5
14°	330.9	331.7	331.3	331.7	331.5	331.4	331.3	331.2	330.4	330.7	330.8
14.5°	330.3	330.8	330.6	330.8	330.6	330.4	330.6	330.3	329.6	329.9	329.8
15°	329.4	330.2	329.8	330.0	329.8	329.6	329.7	329.6	328.8	329.0	329.2
15.5°	328.7	329.2	329.0	328.9	329.0	328.7	329.0	328.5	328.0	328.2	328.1
16°	327.8	328.4	328.1	328.1	328.2	327.9	328.0	327.7	327.2	327.1	327.3
16.5°	326.9	327.5	327.2	327.2	327.1	326.9	327.1	326.7	326.2	326.4	326.2
17°	325.8	326.6	326.2	326.2	326.3	325.9	326.1	325.8	325.2	325.3	325.3
17.5°	325.0	325.5	325.4	325.3	325.1	325.0	325.2	324.9	324.1	324.4	324.3
18°	324.0	324.5	324.3	324.3	324.4	324.0	324.1	323.8	323.1	323.2	323.5
18.5°	323.1	323.4	323.4	323.2	323.1	322.9	323.1	322.7	322.0	322.2	322.2
19°	321.9	322.6	322.3	322.2	322.0	321.8	321.9	321.5	320.9	321.0	321.2
19.5°	320.8	321.4	321.3	321.0	320.9	320.8	320.8	320.4	319.8	319.9	320.1
20°	319.7	320.4	320.1	320.0	319.8	319.7	319.7	319.3	318.7	318.7	319.1
20.5°	318.6	319.1	319.1	318.7	318.8	318.7	318.6	318.3	317.5	317.7	317.8
21°	317.4	318.1	317.8	317.7	317.6	317.5	317.5	316.9	316.3	316.6	316.8

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
22.5°	313.9	314.2	314.1	314.0	314.0	313.8	313.8	313.2	312.6	312.9	313.0
23°	312.5	313.0	312.9	312.6	312.7	312.5	312.6	312.0	311.3	311.7	311.9
23.5°	311.4	311.8	311.6	311.3	311.5	311.2	311.3	310.8	310.1	310.3	310.3
24°	310.0	310.6	310.3	310.0	310.2	309.8	310.0	309.3	308.9	308.9	309.2
24.5°	308.7	309.3	309.0	308.8	308.7	308.5	308.6	308.1	307.4	307.7	307.8
25°	307.1	307.9	307.7	307.5	307.3	307.1	307.1	306.6	306.0	306.4	306.6
25.5°	305.9	306.3	306.4	306.0	305.9	305.7	305.8	305.2	304.5	305.0	305.1
26°	304.2	305.0	304.9	304.7	304.5	304.3	304.3	303.8	303.1	303.5	303.8
26.5°	302.8	303.5	303.4	303.1	303.1	302.7	302.9	302.3	301.8	302.0	302.2
27°	301.2	302.0	302.1	301.7	301.6	301.3	301.3	300.7	300.4	300.5	300.7
27.5°	299.9	300.5	300.6	300.2	300.2	299.9	299.9	299.5	298.8	299.0	299.0
28°	298.2	298.9	299.0	298.7	298.7	298.4	298.3	297.8	297.2	297.4	297.6
28.5°	296.6	297.3	297.5	297.1	297.2	296.9	296.8	296.4	295.4	295.9	296.0
29°	295.0	295.8	295.9	295.6	295.6	295.1	295.1	294.7	294.1	294.4	294.5
29.5°	293.6	294.2	294.3	294.0	294.0	293.6	293.6	293.1	292.5	292.7	292.9
30°	292.0	292.5	292.6	292.3	292.4	291.9	292.0	291.5	290.9	291.1	291.3
30.5°	290.3	290.9	291.1	290.7	290.8	290.3	290.2	289.7	289.2	289.4	289.5
31°	288.6	289.2	289.3	289.0	289.2	288.7	288.7	288.0	287.5	287.6	287.9
31.5°	286.9	287.3	287.6	287.3	287.3	287.1	286.9	286.3	285.8	285.9	286.2
32°	285.0	285.5	285.7	285.5	285.6	285.3	285.2	284.6	284.2	284.1	284.5
32.5°	283.6	283.9	284.2	284.0	283.8	283.7	283.5	283.0	282.5	282.6	282.8
33°	281.9	282.2	282.4	282.2	282.2	281.9	281.9	281.2	280.7	280.8	281.1
33.5°	279.9	280.3	280.8	280.4	280.3	280.2	279.9	279.5	278.7	279.0	279.2
34°	278.0	278.6	278.9	278.6	278.6	278.4	278.1	277.7	277.1	277.2	277.5
34.5°	276.3	276.8	277.1	276.8	276.6	276.6	276.4	275.8	275.1	275.5	275.7
35°	274.4	274.9	275.1	274.9	274.8	274.7	274.4	273.8	273.4	273.5	273.7
35.5°	272.6	273.1	273.3	273.1	273.0	272.9	272.5	272.0	271.4	271.9	271.9
36°	270.7	271.2	271.4	271.1	271.3	270.9	270.6	270.2	269.7	269.9	270.0
36.5°	268.8	269.1	269.6	269.2	269.4	269.1	268.6	268.3	267.6	267.9	267.9
37°	266.8	267.1	267.4	267.3	267.3	267.1	266.8	266.4	265.7	266.0	266.0
37.5°	264.9	265.2	265.5	265.4	265.3	265.1	264.9	264.3	263.7	264.1	263.8
38°	262.9	263.2	263.5	263.4	263.3	263.0	262.8	262.3	261.8	262.2	262.0
38.5°	260.9	261.3	261.4	261.5	261.3	261.2	260.7	260.2	259.7	260.3	259.9
39°	258.8	259.2	259.3	259.4	259.3	259.1	258.8	258.3	257.7	258.1	257.8
39.5°	256.8	257.3	257.3	257.3	257.4	257.3	256.8	256.4	255.7	256.2	255.9
40°	254.8	255.2	255.3	255.3	255.3	255.2	254.8	254.2	253.6	254.0	253.8
40.5°	252.6	253.1	253.2	253.2	253.1	253.1	252.6	252.0	251.4	251.9	251.6
41°	250.5	251.0	251.2	251.1	251.0	250.9	250.6	250.0	249.4	249.7	249.6
41.5°	248.4	248.8	249.1	248.9	249.1	248.8	248.4	247.8	247.2	247.5	247.3
42°	246.2	246.6	246.8	246.9	247.0	246.6	246.3	245.6	245.1	245.2	245.3
42.5°	244.0	244.5	244.8	244.7	244.8	244.4	244.1	243.4	243.0	243.2	243.1
43°	241.8	242.4	242.5	242.5	242.6	242.2	241.9	241.3	240.8	241.0	240.9
43.5°	239.6	240.1	240.3	240.3	240.3	239.9	239.7	239.1	238.6	238.9	238.6

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	232.8	233.4	233.6	233.7	233.6	233.3	232.9	232.4	231.9	232.1	231.8
45.5°	230.6	231.1	231.3	231.4	231.3	231.1	230.7	230.2	229.7	229.9	229.6
46°	228.2	228.8	229.1	229.2	229.1	228.9	228.6	227.9	227.4	227.6	227.3
46.5°	226.0	226.4	226.8	226.8	226.8	226.7	226.3	225.7	225.0	225.2	225.0
47°	223.6	224.1	224.4	224.5	224.5	224.2	223.9	223.4	222.6	222.9	222.7
47.5°	221.3	221.7	222.0	222.2	222.1	221.9	221.4	220.9	220.2	220.6	220.3
48°	218.8	219.4	219.6	219.8	219.8	219.4	219.1	218.5	217.9	218.0	217.9
48.5°	216.4	216.9	217.3	217.3	217.5	217.2	216.8	216.2	215.6	215.7	215.5
49°	213.8	214.5	214.8	214.9	215.0	214.7	214.5	213.7	213.0	213.3	213.1
49.5°	211.4	212.0	212.4	212.5	212.6	212.2	212.0	211.3	210.6	210.9	210.5
50°	209.0	209.6	209.9	210.1	210.2	209.7	209.5	208.6	208.1	208.4	208.1
50.5°	206.5	207.0	207.4	207.5	207.7	207.3	206.9	206.0	205.6	205.9	205.6
51°	204.1	204.5	204.9	205.0	205.2	204.8	204.5	203.7	203.3	203.4	203.1
51.5°	201.5	202.2	202.5	202.5	202.9	202.5	202.0	201.4	200.8	201.0	200.8
52°	199.1	199.7	200.0	200.2	200.4	199.9	199.7	198.9	198.3	198.4	198.1
52.5°	196.5	197.1	197.4	197.5	197.7	197.5	197.1	196.4	195.9	195.9	195.5
53°	193.9	194.5	194.9	195.0	195.3	194.8	194.7	193.8	193.3	193.3	193.0
53.5°	191.3	191.9	192.3	192.4	192.8	192.4	191.9	191.3	190.7	190.8	190.4
54°	188.8	189.4	189.6	189.8	190.0	189.8	189.4	188.6	188.1	188.1	187.7
54.5°	186.1	186.7	187.1	187.0	187.5	187.1	186.7	186.0	185.5	185.5	185.1
55°	183.5	184.0	184.5	184.6	184.8	184.6	184.2	183.6	183.0	182.8	182.6
55.5°	180.7	181.4	181.9	181.9	182.3	182.0	181.6	180.9	180.3	180.2	179.9
56°	178.2	178.7	179.1	179.3	179.6	179.3	178.9	178.2	177.6	177.6	177.3
56.5°	175.6	176.2	176.5	176.7	177.0	176.8	176.3	175.6	175.0	174.9	174.7
57°	172.9	173.5	173.8	174.0	174.4	174.1	173.7	172.8	172.4	172.2	172.0
57.5°	169.9	170.8	171.1	171.2	171.6	171.4	171.0	170.1	169.7	169.5	169.2
58°	167.4	168.0	168.4	168.5	168.9	168.6	168.2	167.5	167.0	166.8	166.5
58.5°	164.7	165.2	165.6	165.7	166.3	166.0	165.5	164.8	164.1	164.1	163.8
59°	161.8	162.5	162.9	163.0	163.4	163.1	162.7	162.1	161.4	161.2	160.9
59.5°	158.9	159.7	160.0	160.1	160.7	160.4	160.0	159.4	158.6	158.6	158.1
60°	156.3	156.9	157.3	157.3	157.9	157.6	157.2	156.6	156.0	155.7	155.3
60.5°	153.4	154.0	154.4	154.4	155.2	154.9	154.4	153.8	153.3	153.0	152.5
61°	150.6	151.3	151.5	151.7	152.4	152.0	151.7	151.1	150.3	150.1	149.7
61.5°	147.8	148.5	148.8	148.9	149.7	149.2	148.8	148.3	147.5	147.2	146.9
62°	144.9	145.7	145.9	146.1	146.7	146.4	146.1	145.4	144.8	144.4	144.0
62.5°	142.1	142.8	143.1	143.0	144.0	143.6	143.2	142.6	141.9	141.6	141.1
63°	139.1	139.9	140.1	140.2	141.0	140.7	140.4	139.8	139.1	138.8	138.3
63.5°	136.3	136.9	137.2	137.3	138.1	137.8	137.4	136.8	136.2	135.9	135.4
64°	133.2	134.0	134.3	134.4	135.3	134.9	134.5	134.0	133.2	132.9	132.5
64.5°	130.3	131.2	131.4	131.4	132.3	132.0	131.6	131.2	130.2	129.9	129.5
65°	127.4	128.1	128.4	128.6	129.4	129.2	128.8	128.2	127.4	127.1	126.7
65.5°	124.6	125.2	125.5	125.5	126.5	126.3	125.9	125.3	124.5	124.2	123.8
66°	121.6	122.4	122.7	122.8	123.6	123.3	123.0	122.3	121.7	121.3	120.9

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997251

CATALOG NUMBER: SMX8SLSFS010-900LM-2700K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	112.6	113.4	113.8	113.9	114.9	114.6	114.2	113.6	112.8	112.3	111.9
68°	109.5	110.4	110.7	110.9	111.9	111.4	111.2	110.5	109.8	109.3	109.0
68.5°	106.8	107.5	107.7	107.9	108.8	108.4	108.2	107.4	106.8	106.3	106.0
69°	103.6	104.4	104.6	104.9	105.8	105.6	105.3	104.4	103.8	103.3	103.0
69.5°	100.5	101.3	101.7	101.9	102.9	102.6	102.3	101.4	100.7	100.3	99.9
70°	97.7	98.4	98.6	99.1	99.8	99.5	99.2	98.4	97.8	97.3	96.9
70.5°	94.6	95.5	95.8	96.0	96.8	96.5	96.3	95.4	94.8	94.3	93.9
71°	91.6	92.4	92.7	93.1	93.7	93.5	93.3	92.5	91.8	91.3	90.8
71.5°	88.5	89.4	89.7	90.0	90.8	90.5	90.2	89.3	88.7	88.3	87.8
72°	85.6	86.3	86.6	87.1	87.7	87.5	87.2	86.4	85.7	85.2	84.8
72.5°	82.5	83.3	83.7	84.0	84.7	84.4	84.0	83.3	82.6	82.2	81.7
73°	79.4	80.3	80.6	80.9	81.6	81.4	81.0	80.2	79.6	79.1	78.7
73.5°	76.3	77.3	77.6	77.8	78.5	78.3	77.9	77.3	76.5	76.0	75.6
74°	73.3	74.2	74.5	74.8	75.4	75.4	75.1	74.2	73.6	73.0	72.5
74.5°	70.4	71.3	71.6	71.7	72.5	72.4	72.1	71.1	70.6	70.0	69.8
75°	67.5	68.3	68.7	68.7	69.6	69.3	69.1	68.3	67.7	67.0	66.8
75.5°	64.5	65.3	65.6	65.7	66.7	66.4	66.2	65.3	64.6	64.2	63.8
76°	61.4	62.3	62.5	62.6	63.6	63.4	63.2	62.4	61.8	61.2	60.9
76.5°	58.4	59.3	59.7	59.6	60.7	60.4	60.2	59.4	58.6	58.1	57.8
77°	55.5	56.4	56.7	56.7	57.6	57.4	57.3	56.5	55.7	55.2	54.9
77.5°	52.5	53.4	53.7	53.7	54.8	54.5	54.4	53.5	52.8	52.3	52.1
78°	49.6	50.5	50.7	50.8	51.8	51.6	51.5	50.5	49.8	49.4	49.1
78.5°	46.8	47.6	47.9	48.0	48.9	48.6	48.5	47.6	47.0	46.6	46.3
79°	44.1	44.8	45.1	45.1	46.0	45.9	45.8	44.8	44.3	43.8	43.7
79.5°	41.3	42.0	42.3	42.4	43.2	43.1	42.9	42.0	41.5	40.9	40.8
80°	38.5	39.2	39.5	39.6	40.4	40.4	40.1	39.3	38.8	38.3	37.9
80.5°	35.7	36.5	36.8	36.9	37.8	37.6	37.4	36.6	36.1	35.7	35.4
81°	33.2	33.8	34.2	34.2	35.2	35.1	34.9	34.1	33.6	33.1	32.9
81.5°	30.6	31.2	31.6	31.6	32.7	32.4	32.2	31.5	31.0	30.5	30.2
82°	27.9	28.5	28.9	29.0	30.0	29.9	29.6	28.9	28.5	27.9	27.7
82.5°	25.3	26.0	26.3	26.4	27.4	27.4	27.2	26.5	26.0	25.6	25.3
83°	22.9	23.3	23.6	23.8	25.0	24.9	24.7	24.0	23.6	23.1	22.9
83.5°	20.4	21.0	21.2	21.3	22.5	22.4	22.2	21.6	21.1	20.8	20.5
84°	18.2	18.7	19.0	18.9	20.1	20.1	19.9	19.3	18.8	18.5	18.3
84.5°	16.2	16.7	16.9	16.9	17.9	17.9	17.7	17.2	16.8	16.5	16.4
85°	14.2	14.7	14.8	14.9	15.9	15.9	15.7	15.2	14.7	14.4	14.3
85.5°	12.3	12.7	12.9	12.9	13.9	13.9	13.7	13.2	12.7	12.5	12.4
86°	10.5	11.0	11.1	11.0	11.9	12.0	11.8	11.3	10.9	10.6	10.5
86.5°	8.9	9.4	9.4	9.3	10.1	10.2	10.0	9.6	9.2	9.0	9.0
87°	7.5	7.9	7.9	7.9	8.5	8.5	8.3	7.9	7.6	7.4	7.4
87.5°	6.2	6.5	6.6	6.5	7.0	7.0	6.9	6.5	6.2	6.1	6.1
88°	5.1	5.4	5.4	5.3	5.6	5.6	5.5	5.2	4.9	4.9	4.9
88.5°	4.3	4.4	4.4	4.3	4.4	4.5	4.4	4.0	3.8	3.8	3.9

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

Scaled Data Report



TEST NUMBER: P997251
CATALOG NUMBER: SMX8SLSFS010-900LM-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: P997251

CATALOG NUMBER: SMX8SLSFS010-900LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	342.4	342.4	342.4	342.4	342.4	342.4
0.5°	342.5	342.4	342.2	342.6	342.4	341.9
1°	342.5	342.4	342.0	342.3	342.5	341.9
1.5°	342.2	342.3	342.0	342.4	342.3	341.8
2°	342.2	342.2	341.9	342.2	342.2	341.7
2.5°	341.9	342.0	342.0	342.1	341.9	341.5
3°	341.9	341.8	341.7	341.8	342.0	341.5
3.5°	341.5	341.5	341.6	341.7	341.7	341.4
4°	341.5	341.4	341.1	341.3	341.6	341.3
4.5°	341.1	341.1	340.9	341.1	341.1	341.1
5°	340.9	340.8	340.7	340.8	340.9	340.6
5.5°	340.4	340.4	340.3	340.5	340.5	340.4
6°	340.2	340.2	339.9	340.0	340.3	340.0
6.5°	339.7	339.7	339.6	339.7	339.9	339.7
7°	339.4	339.3	339.1	339.4	339.6	339.3
7.5°	338.9	338.8	338.7	338.8	339.0	339.0
8°	338.6	338.3	338.1	338.3	338.7	338.4
8.5°	338.1	337.9	337.8	338.1	338.1	338.0
9°	337.6	337.5	337.2	337.5	337.8	337.4
9.5°	337.0	336.9	336.8	337.1	337.2	337.0
10°	336.5	336.3	336.1	336.5	336.7	336.5
10.5°	335.8	335.8	335.5	336.0	336.2	335.9
11°	335.3	335.2	335.0	335.3	335.6	335.2
11.5°	334.5	334.5	334.4	334.7	334.9	334.7
12°	333.8	333.7	333.6	334.0	334.2	334.0
12.5°	333.0	333.1	333.1	333.4	333.5	333.4
13°	332.4	332.5	332.1	332.6	332.8	332.6
13.5°	331.5	331.7	331.5	331.8	332.0	331.8
14°	330.8	330.9	330.5	331.0	331.3	330.9
14.5°	330.0	330.0	329.8	330.2	330.4	330.3
15°	329.1	329.2	328.8	329.5	329.7	329.4
15.5°	328.2	328.4	328.1	328.7	328.8	328.7
16°	327.3	327.4	327.3	327.7	328.0	327.8
16.5°	326.3	326.7	326.4	326.8	326.9	326.9
17°	325.4	325.8	325.2	325.8	326.0	325.8
17.5°	324.3	324.7	324.2	324.7	324.9	325.0
18°	323.4	323.7	323.2	324.0	324.1	324.0
18.5°	322.3	322.5	322.3	322.8	323.0	323.1
19°	321.4	321.4	321.1	321.8	322.0	321.9
19.5°	320.4	320.2	320.2	320.7	320.8	320.8
20°	319.2	319.3	319.0	319.7	319.9	319.7
20.5°	318.0	318.2	318.0	318.3	318.5	318.6
21°	316.8	316.9	316.5	317.2	317.5	317.4

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997251

CATALOG NUMBER: SMX8SLSFS010-900LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	313.0	313.3	313.0	313.7	313.6	313.9
23°	311.8	311.9	311.7	312.5	312.4	312.5
23.5°	310.4	310.5	310.6	311.2	311.0	311.4
24°	309.1	309.1	309.2	310.0	309.9	310.0
24.5°	307.8	307.8	307.8	308.8	308.4	308.7
25°	306.3	306.2	306.4	307.5	307.4	307.1
25.5°	305.0	304.9	305.1	306.1	305.7	305.9
26°	303.5	303.6	303.6	304.5	304.3	304.2
26.5°	302.0	302.1	302.0	303.0	302.7	302.8
27°	300.6	300.4	300.5	301.5	301.3	301.2
27.5°	298.9	298.9	298.9	299.9	299.7	299.9
28°	297.5	297.5	297.4	298.4	298.3	298.2
28.5°	295.8	295.8	295.8	296.8	296.6	296.6
29°	294.3	294.0	294.3	295.3	295.1	295.0
29.5°	292.5	292.5	292.8	293.7	293.4	293.6
30°	291.0	291.0	291.2	292.1	291.7	292.0
30.5°	289.3	289.2	289.5	290.3	290.1	290.3
31°	287.8	287.5	287.7	288.7	288.5	288.6
31.5°	285.9	285.7	286.0	286.9	286.7	286.9
32°	284.3	284.2	284.3	285.1	285.0	285.0
32.5°	282.5	282.5	282.8	283.5	283.2	283.6
33°	280.8	280.8	281.0	281.7	281.5	281.9
33.5°	279.1	278.9	279.2	280.0	279.8	279.9
34°	277.3	277.1	277.4	278.1	278.0	278.0
34.5°	275.3	275.3	275.5	276.1	276.2	276.3
35°	273.5	273.5	273.8	274.3	274.4	274.4
35.5°	271.6	271.4	271.8	272.4	272.5	272.6
36°	269.7	269.5	270.0	270.5	270.7	270.7
36.5°	267.7	267.7	267.8	268.5	268.6	268.8
37°	265.7	265.7	266.0	266.6	266.7	266.8
37.5°	263.6	263.8	264.1	264.5	264.7	264.9
38°	261.6	261.8	262.0	262.4	262.8	262.9
38.5°	259.6	259.6	259.9	260.4	260.7	260.9
39°	257.5	257.7	257.9	258.4	258.8	258.8
39.5°	255.6	255.6	256.0	256.4	256.8	256.8
40°	253.5	253.5	253.9	254.4	254.7	254.8
40.5°	251.3	251.4	251.7	252.3	252.6	252.6
41°	249.2	249.3	249.5	250.0	250.5	250.5
41.5°	247.0	247.1	247.3	247.8	248.2	248.4
42°	244.8	244.9	245.2	245.7	246.0	246.2
42.5°	242.7	242.7	243.1	243.5	243.9	244.0
43°	240.5	240.6	240.9	241.3	241.8	241.8
43.5°	238.1	238.2	238.7	239.0	239.5	239.6

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997251

CATALOG NUMBER: SMX8SLSFS010-900LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	231.5	231.4	231.8	232.3	232.9	232.8
45.5°	229.3	229.2	229.6	230.0	230.7	230.6
46°	227.0	227.0	227.2	227.8	228.3	228.2
46.5°	224.7	224.7	224.9	225.5	225.9	226.0
47°	222.3	222.2	222.4	223.1	223.6	223.6
47.5°	219.9	219.8	220.1	220.7	221.3	221.3
48°	217.6	217.5	217.7	218.3	218.8	218.8
48.5°	215.2	215.1	215.3	215.9	216.4	216.4
49°	212.7	212.6	212.7	213.5	213.9	213.8
49.5°	210.3	210.1	210.5	210.9	211.5	211.4
50°	207.8	207.5	207.9	208.5	208.9	209.0
50.5°	205.3	205.1	205.4	206.0	206.6	206.5
51°	202.9	202.7	203.0	203.5	204.2	204.1
51.5°	200.5	200.2	200.5	201.1	201.7	201.5
52°	197.9	197.7	197.9	198.4	199.0	199.1
52.5°	195.4	195.0	195.3	195.9	196.6	196.5
53°	192.8	192.5	192.8	193.3	193.9	193.9
53.5°	190.3	189.9	190.2	190.7	191.3	191.3
54°	187.6	187.2	187.4	188.0	188.6	188.8
54.5°	185.0	184.5	184.9	185.4	186.1	186.1
55°	182.3	181.8	182.2	182.8	183.3	183.5
55.5°	179.7	179.2	179.5	180.0	180.7	180.7
56°	177.0	176.6	176.9	177.5	178.0	178.2
56.5°	174.4	174.0	174.4	174.8	175.3	175.6
57°	171.7	171.2	171.6	172.2	172.6	172.9
57.5°	169.0	168.6	168.8	169.1	169.9	169.9
58°	166.2	165.7	165.9	166.5	167.0	167.4
58.5°	163.6	163.1	163.4	163.7	164.4	164.7
59°	160.8	160.3	160.4	161.0	161.5	161.8
59.5°	157.9	157.5	157.6	158.1	158.7	158.9
60°	155.1	154.6	154.8	155.4	155.8	156.3
60.5°	152.3	151.7	152.0	152.4	153.1	153.4
61°	149.6	148.9	149.2	149.7	150.3	150.6
61.5°	146.7	146.0	146.5	146.8	147.5	147.8
62°	143.8	143.2	143.5	144.0	144.7	144.9
62.5°	140.9	140.3	140.5	141.0	141.7	142.1
63°	138.0	137.4	137.7	138.1	138.7	139.1
63.5°	135.1	134.5	134.8	135.2	135.9	136.3
64°	132.2	131.5	131.9	132.3	133.0	133.2
64.5°	129.2	128.7	128.8	129.3	130.1	130.3
65°	126.4	125.7	125.9	126.4	127.0	127.4
65.5°	123.5	122.6	123.1	123.4	124.2	124.6
66°	120.6	119.8	120.2	120.5	121.2	121.6

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997251

CATALOG NUMBER: SMX8SLSFS010-900LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	111.7	110.9	111.1	111.6	112.4	112.6
68°	108.7	107.8	108.1	108.6	109.4	109.5
68.5°	105.7	104.9	105.1	105.4	106.4	106.8
69°	102.7	101.8	102.0	102.5	103.3	103.6
69.5°	99.6	98.8	99.0	99.4	100.3	100.5
70°	96.7	95.8	96.0	96.5	97.3	97.7
70.5°	93.6	92.8	93.0	93.5	94.2	94.6
71°	90.5	89.7	90.0	90.5	91.2	91.6
71.5°	87.5	86.7	86.9	87.4	88.3	88.5
72°	84.4	83.6	83.8	84.4	85.2	85.6
72.5°	81.4	80.5	80.9	81.4	82.1	82.5
73°	78.4	77.4	77.8	78.2	79.0	79.4
73.5°	75.4	74.5	74.6	75.2	76.1	76.3
74°	72.4	71.5	71.8	72.2	73.0	73.3
74.5°	69.4	68.6	68.9	69.3	70.1	70.4
75°	66.5	65.5	65.8	66.4	67.1	67.5
75.5°	63.5	62.6	62.8	63.2	64.0	64.5
76°	60.5	59.6	59.9	60.4	61.0	61.4
76.5°	57.5	56.6	56.9	57.3	58.0	58.4
77°	54.5	53.7	54.0	54.5	55.1	55.5
77.5°	51.6	50.7	51.0	51.5	52.2	52.5
78°	48.7	47.9	48.2	48.7	49.2	49.6
78.5°	46.0	45.1	45.3	45.7	46.4	46.8
79°	43.3	42.3	42.6	43.0	43.6	44.1
79.5°	40.4	39.4	39.7	40.3	40.9	41.3
80°	37.8	36.8	37.0	37.5	38.1	38.5
80.5°	35.3	34.1	34.3	34.9	35.4	35.7
81°	32.6	31.5	31.8	32.2	32.7	33.2
81.5°	29.9	28.9	29.2	29.6	30.1	30.6
82°	27.4	26.3	26.6	27.1	27.6	27.9
82.5°	25.0	23.8	24.0	24.5	24.9	25.3
83°	22.6	21.2	21.5	21.9	22.5	22.9
83.5°	20.4	18.9	19.3	19.6	20.1	20.4
84°	18.1	16.9	17.2	17.6	18.0	18.2
84.5°	16.1	14.9	15.1	15.5	15.9	16.2
85°	14.1	12.9	13.2	13.6	14.0	14.2
85.5°	12.2	11.1	11.4	11.7	12.1	12.3
86°	10.5	9.6	9.8	10.1	10.4	10.5
86.5°	8.8	8.0	8.3	8.6	8.8	8.9
87°	7.4	6.7	7.0	7.3	7.5	7.5
87.5°	6.1	5.5	5.9	6.1	6.2	6.2
88°	4.9	4.5	4.9	5.1	5.1	5.1
88.5°	3.9	3.7	4.1	4.3	4.2	4.3

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Scaled Data Report



TEST NUMBER: P997251
CATALOG NUMBER: SMX8SLSFS010-900LM-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

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Cooper Lighting Solutions Photometric Lab

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Report Generated By 670245859 / DESKTOP-T8S5UU9

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— 0°-180° - - 45°-225° - - - - 90°-270° - · - 135°-315°

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21.5°	316.3	316.8	316.6	316.5	316.4	316.3	316.3	315.7	315.1	315.4	315.5
22°	315.0	315.5	315.4	315.3	315.4	315.0	315.0	314.5	313.8	314.2	314.4

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44°	237.3	237.9	237.9	238.1	238.1	237.7	237.5	236.8	236.4	236.7	236.4
44.5°	235.1	235.7	235.8	235.8	235.8	235.5	235.1	234.7	234.0	234.5	234.1



66.5°	118.6	119.3	119.8	119.8	120.7	120.4	120.1	119.5	118.7	118.3	117.9
67°	115.6	116.4	116.7	116.9	117.8	117.4	117.2	116.5	115.8	115.4	115.0

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89°	3.3	3.5	3.5	3.3	3.4	3.5	3.4	3.0	2.9	2.9	3.1
89.5°	2.6	2.8	2.8	2.6	2.5	2.5	2.5	2.2	2.1	2.2	2.3

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21.5°	315.6	315.7	315.4	316.1	316.3	316.3
22°	314.4	314.6	314.2	315.0	315.1	315.0

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44°	236.0	235.9	236.4	236.9	237.3	237.3
44.5°	233.7	233.7	234.1	234.5	235.1	235.1

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66.5°	117.7	116.9	117.2	117.6	118.3	118.6
67°	114.8	113.9	114.1	114.6	115.3	115.6

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89°	3.0	2.9	3.3	3.5	3.4	3.3
89.5°	2.3	2.4	2.7	2.9	2.8	2.6

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(END OF REPORT)