

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: P997209

Luminaire Tested: **SMX6SLSF010-900LM-4000K**

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: P997209
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (A2411487A001)
Test Lab:
Issue Date: 3/11/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: HALO
Catalog Number: SMX6SLSFS010-900LM-4000K
Description: 6IN SQAURE, 90CRI, 0-10V DIMMING, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 4000K CCT
Ballast/Driver: -

Summary

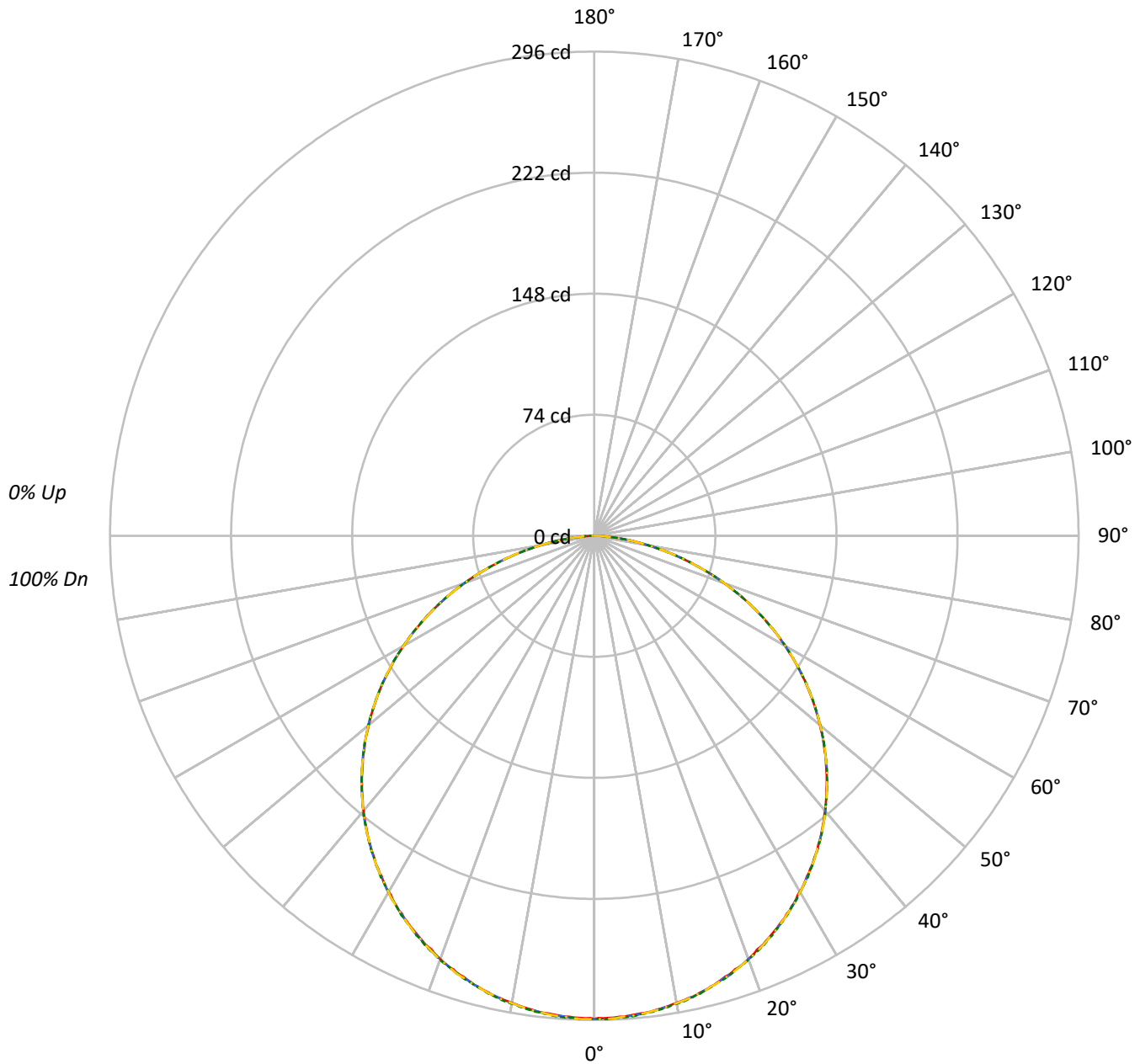
Lumens per Lamp: N/A
Luminaire Lumens: 860.4 lumens
Efficiency: N/A
Efficacy: 101.2 lumens/watt
Spacing Criteria (0/90/45): 1.27 / 1.27 / 1.39
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 8.5
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

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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	79	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	50		
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°	12719	12719	12719	12719
5°	12689	12724	12689	12724
10°	12679	12701	12679	12701
15°	12659	12673	12659	12673
20°	12619	12641	12619	12641
25°	12566	12580	12566	12580
30°	12494	12509	12494	12509
35°	12425	12441	12425	12441
40°	12337	12348	12337	12348
45°	12202	12233	12202	12233
50°	12064	12090	12064	12090
55°	11875	11898	11875	11898
60°	11608	11616	11608	11616
65°	11207	11237	11207	11237
70°	10612	10625	10612	10625
75°	9665	9698	9665	9698
80°	8257	8281	8257	8281
85°	6076	6126	6076	6126

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°	28.0	3.2
10°-20°	80.2	9.3
20°-30°	122.0	14.2
30°-40°	148.1	17.2
40°-50°	154.9	18.0
50°-60°	141.4	16.4
60°-70°	108.8	12.6
70°-80°	61.6	7.2
80°-90°	15.3	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°	230.2	26.8
0°-40°	378.3	44.0
0°-60°	674.6	78.4
0°-90°	860.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	860.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	295	295	295	295	295	
5°	294	294	294	294	294	28
15°	284	284	284	284	284	80
25°	264	265	264	265	264	122
35°	236	237	236	237	236	148
45°	200	201	200	201	200	155
55°	158	158	158	158	158	141
65°	110	110	110	110	110	109
75°	58	58	58	58	58	61
85°	12	12	12	12	12	15
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°	295.4	295.4	295.4	295.4	295.4	295.4	295.4	295.4	295.4	295.4	295.4
0.5°	294.9	295.6	295.5	295.6	295.4	295.6	295.5	295.6	294.9	295.6	295.5
1°	295.0	295.7	295.5	295.4	295.5	295.4	295.5	295.7	295.0	295.7	295.5
1.5°	294.9	295.4	295.6	295.3	295.5	295.3	295.6	295.4	294.9	295.4	295.6
2°	294.8	295.3	295.4	295.1	295.5	295.1	295.4	295.3	294.8	295.3	295.4
2.5°	294.7	295.3	295.3	295.2	295.0	295.2	295.3	295.3	294.7	295.3	295.3
3°	294.4	295.2	294.9	295.1	295.0	295.1	294.9	295.2	294.4	295.2	294.9
3.5°	294.5	295.0	294.5	295.0	295.1	295.0	294.5	295.0	294.5	295.0	294.5
4°	294.2	294.7	294.4	294.6	294.9	294.6	294.4	294.7	294.2	294.7	294.4
4.5°	294.0	294.4	294.4	294.4	294.8	294.4	294.4	294.4	294.0	294.4	294.4
5°	293.6	294.4	294.1	294.2	294.4	294.2	294.1	294.4	293.6	294.4	294.1
5.5°	293.4	294.2	293.9	294.1	293.9	294.1	293.9	294.2	293.4	294.2	293.9
6°	293.3	293.8	293.4	293.6	293.8	293.6	293.4	293.8	293.3	293.8	293.4
6.5°	293.1	293.5	293.2	293.3	293.3	293.3	293.2	293.5	293.1	293.5	293.2
7°	292.8	293.1	292.7	292.9	293.3	292.9	292.7	293.1	292.8	293.1	292.7
7.5°	292.2	292.8	292.5	292.6	292.7	292.6	292.5	292.8	292.2	292.8	292.5
8°	291.9	292.3	292.1	292.0	292.4	292.0	292.1	292.3	291.9	292.3	292.1
8.5°	291.5	292.0	291.6	291.8	291.9	291.8	291.6	292.0	291.5	292.0	291.6
9°	291.0	291.7	291.1	291.5	291.5	291.5	291.1	291.7	291.0	291.7	291.1
9.5°	290.4	290.9	290.6	290.8	290.7	290.8	290.6	290.9	290.4	290.9	290.6
10°	290.0	290.7	290.1	290.5	290.5	290.5	290.1	290.7	290.0	290.7	290.1
10.5°	289.4	290.1	289.7	290.1	290.1	290.1	289.7	290.1	289.4	290.1	289.7
11°	289.1	289.6	289.3	289.6	289.7	289.6	289.3	289.6	289.1	289.6	289.3
11.5°	288.5	289.0	288.8	288.9	289.1	288.9	288.8	289.0	288.5	289.0	288.8
12°	288.2	288.4	288.0	288.4	288.5	288.4	288.0	288.4	288.2	288.4	288.0
12.5°	287.6	287.9	287.5	287.8	287.6	287.8	287.5	287.9	287.6	287.9	287.5
13°	286.7	287.3	287.1	287.1	287.3	287.1	287.1	287.3	286.7	287.3	287.1
13.5°	286.1	286.5	286.3	286.6	286.4	286.6	286.3	286.5	286.1	286.5	286.3
14°	285.6	285.9	285.7	285.8	285.7	285.8	285.7	285.9	285.6	285.9	285.7
14.5°	284.7	285.2	284.7	285.1	285.0	285.1	284.7	285.2	284.7	285.2	284.7
15°	284.0	284.5	284.2	284.4	284.3	284.4	284.2	284.5	284.0	284.5	284.2
15.5°	283.1	283.7	283.4	283.6	283.2	283.6	283.4	283.7	283.1	283.7	283.4
16°	282.2	283.0	282.4	282.9	282.9	282.9	282.4	283.0	282.2	283.0	282.4
16.5°	281.2	282.0	281.8	281.9	282.0	281.9	281.8	282.0	281.2	282.0	281.8
17°	280.7	281.1	281.2	281.1	281.2	281.1	281.2	281.1	280.7	281.1	281.2
17.5°	279.9	280.2	280.4	280.4	280.2	280.4	280.4	280.2	279.9	280.2	280.4
18°	278.7	279.6	279.3	279.4	279.5	279.4	279.3	279.6	278.7	279.6	279.3
18.5°	278.3	278.7	278.5	278.8	278.2	278.8	278.5	278.7	278.3	278.7	278.5
19°	277.3	278.0	277.4	277.6	277.6	277.6	277.4	278.0	277.3	278.0	277.4
19.5°	276.4	276.7	276.6	276.6	276.8	276.6	276.6	276.7	276.4	276.7	276.6
20°	275.4	276.0	275.5	275.8	275.9	275.8	275.5	276.0	275.4	276.0	275.5
20.5°	274.4	274.7	274.6	274.8	274.6	274.8	274.6	274.7	274.4	274.7	274.6
21°	273.2	273.7	273.6	273.6	273.8	273.6	273.6	273.7	273.2	273.7	273.6

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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°	270.3	270.6	270.4	270.5	270.8	270.5	270.4	270.6	270.3	270.6	270.4
23°	268.9	269.1	269.3	269.2	269.5	269.2	269.3	269.1	268.9	269.1	269.3
23.5°	267.8	268.5	267.9	268.3	268.2	268.3	267.9	268.5	267.8	268.5	267.9
24°	266.6	267.3	267.2	267.1	267.3	267.1	267.2	267.3	266.6	267.3	267.2
24.5°	265.6	266.2	266.0	266.0	265.8	266.0	266.0	266.2	265.6	266.2	266.0
25°	264.5	265.1	264.7	264.8	264.8	264.8	264.7	265.1	264.5	265.1	264.7
25.5°	263.2	263.7	263.6	263.5	263.6	263.5	263.6	263.7	263.2	263.7	263.6
26°	261.9	262.5	262.2	262.1	262.5	262.1	262.2	262.5	261.9	262.5	262.2
26.5°	260.9	261.2	261.0	260.9	261.1	260.9	261.0	261.2	260.9	261.2	261.0
27°	259.2	259.9	259.6	259.8	260.1	259.8	259.6	259.9	259.2	259.9	259.6
27.5°	258.5	258.6	258.5	258.6	258.5	258.6	258.5	258.6	258.5	258.6	258.5
28°	256.8	257.2	257.1	257.2	257.1	257.2	257.1	257.2	256.8	257.2	257.1
28.5°	255.6	256.0	255.8	256.0	255.7	256.0	255.8	256.0	255.6	256.0	255.8
29°	254.3	254.7	254.7	254.6	254.5	254.6	254.7	254.7	254.3	254.7	254.7
29.5°	252.4	253.2	253.2	253.2	253.2	253.2	253.2	253.2	252.4	253.2	253.2
30°	251.3	251.8	251.5	251.8	251.6	251.8	251.5	251.8	251.3	251.8	251.5
30.5°	250.2	250.6	250.3	250.2	250.4	250.2	250.3	250.6	250.2	250.6	250.3
31°	248.5	249.1	248.6	249.0	248.9	249.0	248.6	249.1	248.5	249.1	248.6
31.5°	247.1	247.6	247.2	247.6	247.2	247.6	247.2	247.6	247.1	247.6	247.2
32°	245.4	246.1	245.7	246.1	246.2	246.1	245.7	246.1	245.4	246.1	245.7
32.5°	244.3	244.4	244.4	244.7	244.5	244.7	244.4	244.4	244.3	244.4	244.4
33°	242.5	243.2	242.8	242.9	243.0	242.9	242.8	243.2	242.5	243.2	242.8
33.5°	241.4	241.7	241.4	241.2	241.5	241.2	241.4	241.7	241.4	241.7	241.4
34°	239.7	240.1	239.9	239.9	239.7	239.9	239.9	240.1	239.7	240.1	239.9
34.5°	237.9	238.5	238.2	238.3	238.1	238.3	238.2	238.5	237.9	238.5	238.2
35°	236.4	236.9	236.6	236.8	236.7	236.8	236.6	236.9	236.4	236.9	236.6
35.5°	235.0	235.1	235.0	235.0	235.3	235.0	235.0	235.1	235.0	235.1	235.0
36°	233.1	233.5	233.3	233.6	233.6	233.6	233.3	233.5	233.1	233.5	233.3
36.5°	231.6	231.8	231.7	232.0	231.9	232.0	231.7	231.8	231.6	231.8	231.7
37°	230.0	230.1	229.9	230.1	230.2	230.1	229.9	230.1	230.0	230.1	229.9
37.5°	228.2	228.5	228.5	228.5	228.5	228.5	228.5	228.5	228.2	228.5	228.5
38°	226.4	226.9	226.6	226.8	226.6	226.8	226.6	226.9	226.4	226.9	226.6
38.5°	224.8	224.9	225.0	225.1	224.9	225.1	225.0	224.9	224.8	224.9	225.0
39°	223.0	223.1	223.3	223.3	223.1	223.3	223.3	223.1	223.0	223.1	223.3
39.5°	221.1	221.4	221.5	221.5	221.6	221.5	221.5	221.4	221.1	221.4	221.5
40°	219.5	219.6	219.6	219.7	219.7	219.7	219.6	219.6	219.5	219.6	219.6
40.5°	217.8	218.0	217.8	217.8	217.8	217.8	217.8	218.0	217.8	218.0	217.8
41°	215.8	216.1	215.9	216.2	216.1	216.2	215.9	216.1	215.8	216.1	215.9
41.5°	213.8	214.3	214.1	214.3	214.1	214.3	214.1	214.3	213.8	214.3	214.1
42°	212.0	212.6	212.3	212.4	212.2	212.4	212.3	212.6	212.0	212.6	212.3
42.5°	210.1	210.6	210.4	210.5	210.4	210.5	210.4	210.6	210.1	210.6	210.4
43°	208.2	208.7	208.4	208.6	208.5	208.6	208.4	208.7	208.2	208.7	208.4
43.5°	206.4	206.8	206.7	206.7	206.7	206.7	206.7	206.8	206.4	206.8	206.7

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	200.4	201.0	200.8	201.0	200.9	201.0	200.8	201.0	200.4	201.0	200.8
45.5°	198.5	199.0	198.9	198.9	199.0	198.9	198.9	199.0	198.5	199.0	198.9
46°	196.8	196.8	196.8	196.9	196.8	196.9	196.8	196.8	196.8	196.8	196.8
46.5°	194.6	195.1	194.8	195.0	194.9	195.0	194.8	195.1	194.6	195.1	194.8
47°	192.5	192.9	192.8	193.0	192.7	193.0	192.8	192.9	192.5	192.9	192.8
47.5°	190.5	191.1	190.7	190.9	190.9	190.9	190.7	191.1	190.5	191.1	190.7
48°	188.6	188.9	188.6	188.9	188.9	188.9	188.6	188.9	188.6	188.9	188.6
48.5°	186.5	186.9	186.6	186.7	186.7	186.7	186.6	186.9	186.5	186.9	186.6
49°	184.3	184.7	184.5	184.7	184.5	184.7	184.5	184.7	184.3	184.7	184.5
49.5°	182.1	182.6	182.4	182.5	182.4	182.5	182.4	182.6	182.1	182.6	182.4
50°	180.1	180.4	180.3	180.5	180.5	180.5	180.3	180.4	180.1	180.4	180.3
50.5°	177.9	178.3	178.2	178.3	178.3	178.3	178.2	178.3	177.9	178.3	178.2
51°	175.8	176.2	176.0	176.1	176.1	176.1	176.0	176.2	175.8	176.2	176.0
51.5°	173.6	174.0	173.8	174.1	173.9	174.1	173.8	174.0	173.6	174.0	173.8
52°	171.5	171.8	171.6	171.9	171.7	171.9	171.6	171.8	171.5	171.8	171.6
52.5°	169.3	169.7	169.4	169.7	169.6	169.7	169.4	169.7	169.3	169.7	169.4
53°	167.2	167.5	167.2	167.4	167.4	167.4	167.2	167.5	167.2	167.5	167.2
53.5°	164.9	165.2	165.0	165.2	165.2	165.2	165.0	165.2	164.9	165.2	165.0
54°	162.6	162.9	162.7	162.9	162.9	162.9	162.7	162.9	162.6	162.9	162.7
54.5°	160.4	160.7	160.5	160.7	160.7	160.7	160.5	160.7	160.4	160.7	160.5
55°	158.2	158.4	158.3	158.4	158.5	158.4	158.3	158.4	158.2	158.4	158.3
55.5°	155.9	156.2	156.0	156.1	156.1	156.1	156.0	156.2	155.9	156.2	156.0
56°	153.5	153.8	153.7	153.8	153.7	153.8	153.7	153.8	153.5	153.8	153.7
56.5°	151.2	151.6	151.5	151.5	151.5	151.5	151.5	151.6	151.2	151.6	151.5
57°	148.9	149.2	149.1	149.2	149.0	149.2	149.1	149.2	148.9	149.2	149.1
57.5°	146.6	146.8	146.7	146.9	146.8	146.9	146.7	146.8	146.6	146.8	146.7
58°	144.3	144.5	144.3	144.4	144.5	144.4	144.3	144.5	144.3	144.5	144.3
58.5°	141.8	142.2	142.0	142.2	142.2	142.2	142.0	142.2	141.8	142.2	142.0
59°	139.3	139.7	139.6	139.7	139.7	139.7	139.6	139.7	139.3	139.7	139.6
59.5°	137.0	137.4	137.2	137.2	137.2	137.2	137.2	137.4	137.0	137.4	137.2
60°	134.8	135.0	134.8	134.8	134.9	134.8	134.8	135.0	134.8	135.0	134.8
60.5°	132.4	132.5	132.4	132.5	132.6	132.5	132.4	132.5	132.4	132.5	132.4
61°	129.9	130.1	129.9	130.1	130.0	130.1	129.9	130.1	129.9	130.1	129.9
61.5°	127.5	127.7	127.5	127.6	127.7	127.6	127.5	127.7	127.5	127.7	127.5
62°	125.0	125.3	125.1	125.1	125.2	125.1	125.1	125.3	125.0	125.3	125.1
62.5°	122.5	122.8	122.6	122.8	122.8	122.8	122.6	122.8	122.5	122.8	122.6
63°	120.1	120.3	120.1	120.2	120.1	120.2	120.1	120.3	120.1	120.3	120.1
63.5°	117.5	117.8	117.6	117.6	117.6	117.6	117.6	117.8	117.5	117.8	117.6
64°	115.1	115.2	115.0	115.2	115.2	115.2	115.0	115.2	115.1	115.2	115.0
64.5°	112.6	112.7	112.5	112.6	112.6	112.6	112.5	112.7	112.6	112.7	112.5
65°	110.0	110.1	110.0	110.2	110.3	110.2	110.0	110.1	110.0	110.1	110.0
65.5°	107.6	107.7	107.6	107.7	107.8	107.7	107.6	107.7	107.6	107.7	107.6
66°	105.0	105.1	105.0	105.0	105.0	105.0	105.0	105.1	105.0	105.1	105.0

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



TEST NUMBER: P997209

CATALOG NUMBER: SMX6SLSFS010-900LM-4000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	97.4	97.4	97.4	97.4	97.5	97.4	97.4	97.4	97.4	97.4	97.4
68°	94.8	94.8	94.7	94.8	94.9	94.8	94.7	94.8	94.8	94.8	94.7
68.5°	92.2	92.3	92.1	92.2	92.2	92.2	92.1	92.3	92.2	92.3	92.1
69°	89.6	89.7	89.6	89.6	89.6	89.6	89.6	89.7	89.6	89.7	89.6
69.5°	86.9	86.9	86.9	87.0	87.1	87.0	86.9	86.9	86.9	86.9	86.9
70°	84.3	84.5	84.4	84.4	84.4	84.4	84.4	84.5	84.3	84.5	84.4
70.5°	81.7	81.9	81.7	81.8	81.8	81.8	81.7	81.9	81.7	81.9	81.7
71°	79.1	79.2	79.1	79.2	79.2	79.2	79.1	79.2	79.1	79.2	79.1
71.5°	76.5	76.6	76.5	76.5	76.5	76.5	76.5	76.6	76.5	76.6	76.5
72°	73.8	74.0	73.8	73.9	74.0	73.9	73.8	74.0	73.8	74.0	73.8
72.5°	71.2	71.4	71.2	71.3	71.4	71.3	71.2	71.4	71.2	71.4	71.2
73°	68.6	68.8	68.6	68.7	68.7	68.7	68.6	68.8	68.6	68.8	68.6
73.5°	65.9	66.1	66.0	66.1	66.1	66.1	66.0	66.1	65.9	66.1	66.0
74°	63.3	63.5	63.4	63.4	63.4	63.4	63.4	63.5	63.3	63.5	63.4
74.5°	60.7	60.9	60.8	60.8	60.9	60.8	60.8	60.9	60.7	60.9	60.8
75°	58.1	58.4	58.2	58.3	58.3	58.3	58.2	58.4	58.1	58.4	58.2
75.5°	55.5	55.8	55.7	55.7	55.7	55.7	55.7	55.8	55.5	55.8	55.7
76°	53.0	53.1	53.2	53.2	53.2	53.2	53.2	53.1	53.0	53.1	53.2
76.5°	50.4	50.6	50.5	50.6	50.6	50.6	50.5	50.6	50.4	50.6	50.5
77°	47.9	48.1	48.0	48.1	48.0	48.1	48.0	48.1	47.9	48.1	48.0
77.5°	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.4	45.5	45.5
78°	42.8	43.0	43.0	43.1	43.1	43.1	43.0	43.0	42.8	43.0	43.0
78.5°	40.3	40.5	40.5	40.6	40.6	40.6	40.5	40.5	40.3	40.5	40.5
79°	37.9	38.1	38.1	38.1	38.2	38.1	38.1	38.1	37.9	38.1	38.1
79.5°	35.6	35.7	35.7	35.8	35.7	35.8	35.7	35.7	35.6	35.7	35.7
80°	33.3	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.3	33.4	33.4
80.5°	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.0	31.1	31.1
81°	28.7	28.8	28.8	28.8	28.9	28.8	28.8	28.8	28.7	28.8	28.8
81.5°	26.4	26.5	26.6	26.5	26.6	26.5	26.6	26.5	26.4	26.5	26.6
82°	24.2	24.3	24.3	24.3	24.4	24.3	24.3	24.3	24.2	24.3	24.3
82.5°	22.0	22.1	22.2	22.2	22.3	22.2	22.2	22.1	22.0	22.1	22.2
83°	19.9	20.0	20.1	20.1	20.1	20.1	20.1	20.0	19.9	20.0	20.1
83.5°	17.8	17.9	18.0	18.1	18.1	18.1	18.0	17.9	17.8	17.9	18.0
84°	15.8	16.0	16.0	16.1	16.1	16.1	16.0	16.0	15.8	16.0	16.0
84.5°	14.1	14.1	14.2	14.3	14.2	14.3	14.2	14.1	14.1	14.1	14.2
85°	12.3	12.4	12.4	12.5	12.4	12.5	12.4	12.4	12.3	12.4	12.4
85.5°	10.5	10.7	10.8	10.9	10.8	10.9	10.8	10.7	10.5	10.7	10.8
86°	9.0	9.1	9.2	9.3	9.2	9.3	9.2	9.1	9.0	9.1	9.2
86.5°	7.5	7.7	7.8	7.9	7.8	7.9	7.8	7.7	7.5	7.7	7.8
87°	6.2	6.4	6.5	6.6	6.5	6.6	6.5	6.4	6.2	6.4	6.5
87.5°	5.0	5.2	5.3	5.4	5.3	5.4	5.3	5.2	5.0	5.2	5.3
88°	4.0	4.2	4.3	4.4	4.2	4.4	4.3	4.2	4.0	4.2	4.3
88.5°	3.2	3.3	3.4	3.5	3.3	3.5	3.4	3.3	3.2	3.3	3.4

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

Scaled Data Report



TEST NUMBER: P997209
CATALOG NUMBER: SMX6SLSFS010-900LM-4000K

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: P997209

CATALOG NUMBER: SMX6SLSFS010-900LM-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	295.4	295.4	295.4	295.4	295.4	295.4
0.5°	295.6	295.4	295.6	295.5	295.6	294.9
1°	295.4	295.5	295.4	295.5	295.7	295.0
1.5°	295.3	295.5	295.3	295.6	295.4	294.9
2°	295.1	295.5	295.1	295.4	295.3	294.8
2.5°	295.2	295.0	295.2	295.3	295.3	294.7
3°	295.1	295.0	295.1	294.9	295.2	294.4
3.5°	295.0	295.1	295.0	294.5	295.0	294.5
4°	294.6	294.9	294.6	294.4	294.7	294.2
4.5°	294.4	294.8	294.4	294.4	294.4	294.0
5°	294.2	294.4	294.2	294.1	294.4	293.6
5.5°	294.1	293.9	294.1	293.9	294.2	293.4
6°	293.6	293.8	293.6	293.4	293.8	293.3
6.5°	293.3	293.3	293.3	293.2	293.5	293.1
7°	292.9	293.3	292.9	292.7	293.1	292.8
7.5°	292.6	292.7	292.6	292.5	292.8	292.2
8°	292.0	292.4	292.0	292.1	292.3	291.9
8.5°	291.8	291.9	291.8	291.6	292.0	291.5
9°	291.5	291.5	291.5	291.1	291.7	291.0
9.5°	290.8	290.7	290.8	290.6	290.9	290.4
10°	290.5	290.5	290.5	290.1	290.7	290.0
10.5°	290.1	290.1	290.1	289.7	290.1	289.4
11°	289.6	289.7	289.6	289.3	289.6	289.1
11.5°	288.9	289.1	288.9	288.8	289.0	288.5
12°	288.4	288.5	288.4	288.0	288.4	288.2
12.5°	287.8	287.6	287.8	287.5	287.9	287.6
13°	287.1	287.3	287.1	287.1	287.3	286.7
13.5°	286.6	286.4	286.6	286.3	286.5	286.1
14°	285.8	285.7	285.8	285.7	285.9	285.6
14.5°	285.1	285.0	285.1	284.7	285.2	284.7
15°	284.4	284.3	284.4	284.2	284.5	284.0
15.5°	283.6	283.2	283.6	283.4	283.7	283.1
16°	282.9	282.9	282.9	282.4	283.0	282.2
16.5°	281.9	282.0	281.9	281.8	282.0	281.2
17°	281.1	281.2	281.1	281.2	281.1	280.7
17.5°	280.4	280.2	280.4	280.4	280.2	279.9
18°	279.4	279.5	279.4	279.3	279.6	278.7
18.5°	278.8	278.2	278.8	278.5	278.7	278.3
19°	277.6	277.6	277.6	277.4	278.0	277.3
19.5°	276.6	276.8	276.6	276.6	276.7	276.4
20°	275.8	275.9	275.8	275.5	276.0	275.4
20.5°	274.8	274.6	274.8	274.6	274.7	274.4
21°	273.6	273.8	273.6	273.6	273.7	273.2

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997209

CATALOG NUMBER: SMX6SLSFS010-900LM-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	270.5	270.8	270.5	270.4	270.6	270.3
23°	269.2	269.5	269.2	269.3	269.1	268.9
23.5°	268.3	268.2	268.3	267.9	268.5	267.8
24°	267.1	267.3	267.1	267.2	267.3	266.6
24.5°	266.0	265.8	266.0	266.0	266.2	265.6
25°	264.8	264.8	264.8	264.7	265.1	264.5
25.5°	263.5	263.6	263.5	263.6	263.7	263.2
26°	262.1	262.5	262.1	262.2	262.5	261.9
26.5°	260.9	261.1	260.9	261.0	261.2	260.9
27°	259.8	260.1	259.8	259.6	259.9	259.2
27.5°	258.6	258.5	258.6	258.5	258.6	258.5
28°	257.2	257.1	257.2	257.1	257.2	256.8
28.5°	256.0	255.7	256.0	255.8	256.0	255.6
29°	254.6	254.5	254.6	254.7	254.7	254.3
29.5°	253.2	253.2	253.2	253.2	253.2	252.4
30°	251.8	251.6	251.8	251.5	251.8	251.3
30.5°	250.2	250.4	250.2	250.3	250.6	250.2
31°	249.0	248.9	249.0	248.6	249.1	248.5
31.5°	247.6	247.2	247.6	247.2	247.6	247.1
32°	246.1	246.2	246.1	245.7	246.1	245.4
32.5°	244.7	244.5	244.7	244.4	244.4	244.3
33°	242.9	243.0	242.9	242.8	243.2	242.5
33.5°	241.2	241.5	241.2	241.4	241.7	241.4
34°	239.9	239.7	239.9	239.9	240.1	239.7
34.5°	238.3	238.1	238.3	238.2	238.5	237.9
35°	236.8	236.7	236.8	236.6	236.9	236.4
35.5°	235.0	235.3	235.0	235.0	235.1	235.0
36°	233.6	233.6	233.6	233.3	233.5	233.1
36.5°	232.0	231.9	232.0	231.7	231.8	231.6
37°	230.1	230.2	230.1	229.9	230.1	230.0
37.5°	228.5	228.5	228.5	228.5	228.5	228.2
38°	226.8	226.6	226.8	226.6	226.9	226.4
38.5°	225.1	224.9	225.1	225.0	224.9	224.8
39°	223.3	223.1	223.3	223.3	223.1	223.0
39.5°	221.5	221.6	221.5	221.5	221.4	221.1
40°	219.7	219.7	219.7	219.6	219.6	219.5
40.5°	217.8	217.8	217.8	217.8	218.0	217.8
41°	216.2	216.1	216.2	215.9	216.1	215.8
41.5°	214.3	214.1	214.3	214.1	214.3	213.8
42°	212.4	212.2	212.4	212.3	212.6	212.0
42.5°	210.5	210.4	210.5	210.4	210.6	210.1
43°	208.6	208.5	208.6	208.4	208.7	208.2
43.5°	206.7	206.7	206.7	206.7	206.8	206.4

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997209

CATALOG NUMBER: SMX6SLSFS010-900LM-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	201.0	200.9	201.0	200.8	201.0	200.4
45.5°	198.9	199.0	198.9	198.9	199.0	198.5
46°	196.9	196.8	196.9	196.8	196.8	196.8
46.5°	195.0	194.9	195.0	194.8	195.1	194.6
47°	193.0	192.7	193.0	192.8	192.9	192.5
47.5°	190.9	190.9	190.9	190.7	191.1	190.5
48°	188.9	188.9	188.9	188.6	188.9	188.6
48.5°	186.7	186.7	186.7	186.6	186.9	186.5
49°	184.7	184.5	184.7	184.5	184.7	184.3
49.5°	182.5	182.4	182.5	182.4	182.6	182.1
50°	180.5	180.5	180.5	180.3	180.4	180.1
50.5°	178.3	178.3	178.3	178.2	178.3	177.9
51°	176.1	176.1	176.1	176.0	176.2	175.8
51.5°	174.1	173.9	174.1	173.8	174.0	173.6
52°	171.9	171.7	171.9	171.6	171.8	171.5
52.5°	169.7	169.6	169.7	169.4	169.7	169.3
53°	167.4	167.4	167.4	167.2	167.5	167.2
53.5°	165.2	165.2	165.2	165.0	165.2	164.9
54°	162.9	162.9	162.9	162.7	162.9	162.6
54.5°	160.7	160.7	160.7	160.5	160.7	160.4
55°	158.4	158.5	158.4	158.3	158.4	158.2
55.5°	156.1	156.1	156.1	156.0	156.2	155.9
56°	153.8	153.7	153.8	153.7	153.8	153.5
56.5°	151.5	151.5	151.5	151.5	151.6	151.2
57°	149.2	149.0	149.2	149.1	149.2	148.9
57.5°	146.9	146.8	146.9	146.7	146.8	146.6
58°	144.4	144.5	144.4	144.3	144.5	144.3
58.5°	142.2	142.2	142.2	142.0	142.2	141.8
59°	139.7	139.7	139.7	139.6	139.7	139.3
59.5°	137.2	137.2	137.2	137.2	137.4	137.0
60°	134.8	134.9	134.8	134.8	135.0	134.8
60.5°	132.5	132.6	132.5	132.4	132.5	132.4
61°	130.1	130.0	130.1	129.9	130.1	129.9
61.5°	127.6	127.7	127.6	127.5	127.7	127.5
62°	125.1	125.2	125.1	125.1	125.3	125.0
62.5°	122.8	122.8	122.8	122.6	122.8	122.5
63°	120.2	120.1	120.2	120.1	120.3	120.1
63.5°	117.6	117.6	117.6	117.6	117.8	117.5
64°	115.2	115.2	115.2	115.0	115.2	115.1
64.5°	112.6	112.6	112.6	112.5	112.7	112.6
65°	110.2	110.3	110.2	110.0	110.1	110.0
65.5°	107.7	107.8	107.7	107.6	107.7	107.6
66°	105.0	105.0	105.0	105.0	105.1	105.0

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997209

CATALOG NUMBER: SMX6SLSFS010-900LM-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	97.4	97.5	97.4	97.4	97.4	97.4
68°	94.8	94.9	94.8	94.7	94.8	94.8
68.5°	92.2	92.2	92.2	92.1	92.3	92.2
69°	89.6	89.6	89.6	89.6	89.7	89.6
69.5°	87.0	87.1	87.0	86.9	86.9	86.9
70°	84.4	84.4	84.4	84.4	84.5	84.3
70.5°	81.8	81.8	81.8	81.7	81.9	81.7
71°	79.2	79.2	79.2	79.1	79.2	79.1
71.5°	76.5	76.5	76.5	76.5	76.6	76.5
72°	73.9	74.0	73.9	73.8	74.0	73.8
72.5°	71.3	71.4	71.3	71.2	71.4	71.2
73°	68.7	68.7	68.7	68.6	68.8	68.6
73.5°	66.1	66.1	66.1	66.0	66.1	65.9
74°	63.4	63.4	63.4	63.4	63.5	63.3
74.5°	60.8	60.9	60.8	60.8	60.9	60.7
75°	58.3	58.3	58.3	58.2	58.4	58.1
75.5°	55.7	55.7	55.7	55.7	55.8	55.5
76°	53.2	53.2	53.2	53.2	53.1	53.0
76.5°	50.6	50.6	50.6	50.5	50.6	50.4
77°	48.1	48.0	48.1	48.0	48.1	47.9
77.5°	45.5	45.5	45.5	45.5	45.5	45.4
78°	43.1	43.1	43.1	43.0	43.0	42.8
78.5°	40.6	40.6	40.6	40.5	40.5	40.3
79°	38.1	38.2	38.1	38.1	38.1	37.9
79.5°	35.8	35.7	35.8	35.7	35.7	35.6
80°	33.4	33.4	33.4	33.4	33.4	33.3
80.5°	31.1	31.1	31.1	31.1	31.1	31.0
81°	28.8	28.9	28.8	28.8	28.8	28.7
81.5°	26.5	26.6	26.5	26.6	26.5	26.4
82°	24.3	24.4	24.3	24.3	24.3	24.2
82.5°	22.2	22.3	22.2	22.2	22.1	22.0
83°	20.1	20.1	20.1	20.1	20.0	19.9
83.5°	18.1	18.1	18.1	18.0	17.9	17.8
84°	16.1	16.1	16.1	16.0	16.0	15.8
84.5°	14.3	14.2	14.3	14.2	14.1	14.1
85°	12.5	12.4	12.5	12.4	12.4	12.3
85.5°	10.9	10.8	10.9	10.8	10.7	10.5
86°	9.3	9.2	9.3	9.2	9.1	9.0
86.5°	7.9	7.8	7.9	7.8	7.7	7.5
87°	6.6	6.5	6.6	6.5	6.4	6.2
87.5°	5.4	5.3	5.4	5.3	5.2	5.0
88°	4.4	4.2	4.4	4.3	4.2	4.0
88.5°	3.5	3.3	3.5	3.4	3.3	3.2

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Scaled Data Report



TEST NUMBER: P997209
CATALOG NUMBER: SMX6SLSFS010-900LM-4000K

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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Scaled Data Report

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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°	271.8	272.4	272.6	272.5	272.8	272.5	272.6	272.4	271.8	272.4	272.6
22°	271.0	271.6	271.5	271.5	271.8	271.5	271.5	271.6	271.0	271.6	271.5



44°	204.4	204.7	204.6	204.8	204.8	204.8	204.6	204.7	204.4	204.7	204.6
44.5°	202.5	203.0	202.8	202.8	202.9	202.8	202.8	203.0	202.5	203.0	202.8

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66.5°	102.5	102.7	102.5	102.5	102.6	102.5	102.5	102.7	102.5	102.7	102.5
67°	99.9	100.0	99.9	99.9	100.0	99.9	99.9	100.0	99.9	100.0	99.9



89°	2.3	2.5	2.6	2.7	2.5	2.7	2.6	2.5	2.3	2.5	2.6
89.5°	1.7	1.8	2.0	2.1	1.9	2.1	2.0	1.8	1.7	1.8	2.0

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21.5°	272.5	272.8	272.5	272.6	272.4	271.8
22°	271.5	271.8	271.5	271.5	271.6	271.0

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44°	204.8	204.8	204.8	204.6	204.7	204.4
44.5°	202.8	202.9	202.8	202.8	203.0	202.5

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66.5°	102.5	102.6	102.5	102.5	102.7	102.5
67°	99.9	100.0	99.9	99.9	100.0	99.9

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89°	2.7	2.5	2.7	2.6	2.5	2.3
89.5°	2.1	1.9	2.1	2.0	1.8	1.7

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(END OF REPORT)