

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: P997207

Luminaire Tested: **SMX6SLSF010-900LM-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: P997207
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-3000K
Description: 6IN SQAURE, 90CRI, 0-10V DIMMING, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 3000K CCT
Ballast/Driver: -

Summary

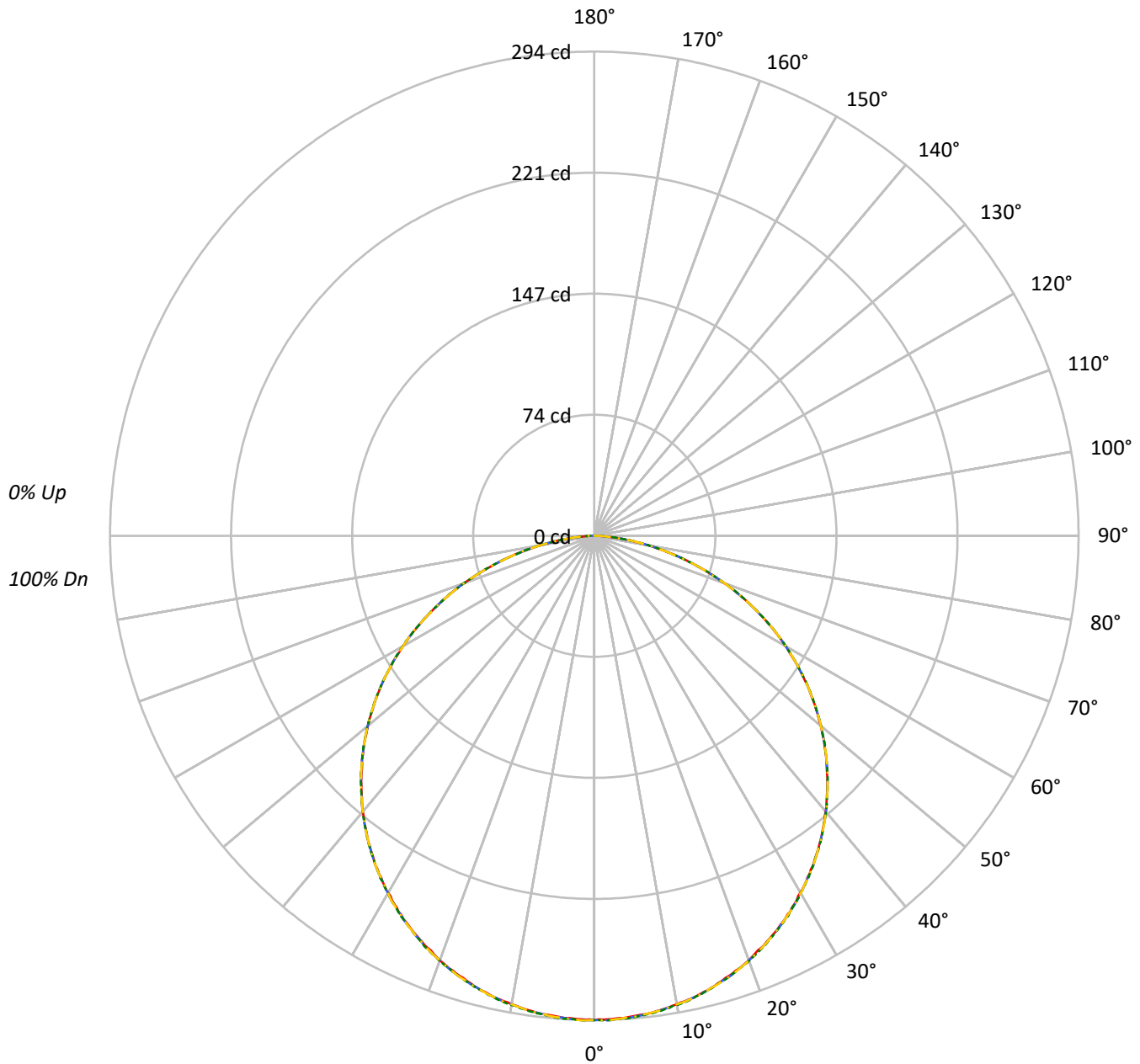
Lumens per Lamp: N/A
Luminaire Lumens: 856.8 lumens
Efficiency: N/A
Efficacy: 100.8 lumens/watt
Spacing Criteria (0/90/45): 1.27 / 1.27 / 1.39
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
CIE Type: Direct

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°	12667	12667	12667	12667
5°	12638	12672	12638	12672
10°	12626	12648	12626	12648
15°	12606	12619	12606	12619
20°	12568	12586	12568	12586
25°	12513	12528	12513	12528
30°	12444	12454	12444	12454
35°	12373	12389	12373	12389
40°	12286	12298	12286	12298
45°	12154	12184	12154	12184
50°	12017	12043	12017	12043
55°	11830	11853	11830	11853
60°	11556	11565	11556	11565
65°	11156	11186	11156	11186
70°	10562	10574	10562	10574
75°	9632	9665	9632	9665
80°	8207	8257	8207	8257
85°	6027	6076	6027	6076

Classified

Scaled Data Report

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.8	3.2
10°-20°	79.9	9.3
20°-30°	121.5	14.2
30°-40°	147.4	17.2
40°-50°	154.2	18.0
50°-60°	140.8	16.4
60°-70°	108.4	12.6
70°-80°	61.4	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°	229.3	26.8
0°-40°	376.7	44.0
0°-60°	671.8	78.4
0°-90°	856.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	856.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	294	294	294	294	294	
5°	292	293	292	293	292	28
15°	283	283	283	283	283	80
25°	263	264	263	264	263	121
35°	235	236	235	236	235	147
45°	200	200	200	200	200	154
55°	158	158	158	158	158	141
65°	110	110	110	110	110	108
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°	294.2	294.2	294.2	294.2	294.2	294.2	294.2	294.2	294.2	294.2	294.2
0.5°	293.7	294.4	294.2	294.4	294.2	294.4	294.2	294.4	293.7	294.4	294.2
1°	293.8	294.5	294.3	294.2	294.3	294.2	294.3	294.5	293.8	294.5	294.3
1.5°	293.7	294.2	294.4	294.1	294.3	294.1	294.4	294.2	293.7	294.2	294.4
2°	293.6	294.1	294.2	293.9	294.3	293.9	294.2	294.1	293.6	294.1	294.2
2.5°	293.5	294.1	294.0	293.9	293.8	293.9	294.0	294.1	293.5	294.1	294.0
3°	293.2	294.0	293.7	293.9	293.8	293.9	293.7	294.0	293.2	294.0	293.7
3.5°	293.3	293.8	293.3	293.8	293.8	293.8	293.3	293.8	293.3	293.8	293.3
4°	293.0	293.5	293.2	293.4	293.7	293.4	293.2	293.5	293.0	293.5	293.2
4.5°	292.7	293.2	293.2	293.2	293.6	293.2	293.2	293.2	292.7	293.2	293.2
5°	292.4	293.2	292.9	293.0	293.2	293.0	292.9	293.2	292.4	293.2	292.9
5.5°	292.2	293.0	292.7	292.9	292.7	292.9	292.7	293.0	292.2	293.0	292.7
6°	292.1	292.6	292.2	292.4	292.6	292.4	292.2	292.6	292.1	292.6	292.2
6.5°	291.9	292.3	292.0	292.1	292.1	292.1	292.0	292.3	291.9	292.3	292.0
7°	291.6	291.9	291.5	291.7	292.1	291.7	291.5	291.9	291.6	291.9	291.5
7.5°	291.0	291.6	291.3	291.4	291.5	291.4	291.3	291.6	291.0	291.6	291.3
8°	290.7	291.1	290.9	290.8	291.2	290.8	290.9	291.1	290.7	291.1	290.9
8.5°	290.3	290.8	290.4	290.6	290.7	290.6	290.4	290.8	290.3	290.8	290.4
9°	289.8	290.5	289.9	290.3	290.3	290.3	289.9	290.5	289.8	290.5	289.9
9.5°	289.2	289.7	289.4	289.6	289.5	289.6	289.4	289.7	289.2	289.7	289.4
10°	288.8	289.5	288.9	289.3	289.3	289.3	288.9	289.5	288.8	289.5	288.9
10.5°	288.2	288.9	288.5	288.9	289.0	288.9	288.5	288.9	288.2	288.9	288.5
11°	287.9	288.4	288.2	288.5	288.5	288.5	288.2	288.4	287.9	288.4	288.2
11.5°	287.3	287.8	287.6	287.7	287.9	287.7	287.6	287.8	287.3	287.8	287.6
12°	287.0	287.2	286.8	287.2	287.3	287.2	286.8	287.2	287.0	287.2	286.8
12.5°	286.4	286.8	286.4	286.6	286.4	286.6	286.4	286.8	286.4	286.8	286.4
13°	285.6	286.2	285.9	285.9	286.1	285.9	285.9	286.2	285.6	286.2	285.9
13.5°	284.9	285.3	285.1	285.4	285.2	285.4	285.1	285.3	284.9	285.3	285.1
14°	284.4	284.8	284.5	284.6	284.5	284.6	284.5	284.8	284.4	284.8	284.5
14.5°	283.5	284.0	283.6	283.9	283.8	283.9	283.6	284.0	283.5	284.0	283.6
15°	282.8	283.3	283.0	283.2	283.1	283.2	283.0	283.3	282.8	283.3	283.0
15.5°	281.9	282.5	282.3	282.4	282.0	282.4	282.3	282.5	281.9	282.5	282.3
16°	281.1	281.9	281.3	281.8	281.7	281.8	281.3	281.9	281.1	281.9	281.3
16.5°	280.0	280.9	280.6	280.8	280.8	280.8	280.6	280.9	280.0	280.9	280.6
17°	279.6	279.9	280.1	279.9	280.1	279.9	280.1	279.9	279.6	279.9	280.1
17.5°	278.8	279.1	279.2	279.3	279.0	279.3	279.2	279.1	278.8	279.1	279.2
18°	277.6	278.4	278.2	278.3	278.4	278.3	278.2	278.4	277.6	278.4	278.2
18.5°	277.2	277.6	277.4	277.6	277.1	277.6	277.4	277.6	277.2	277.6	277.4
19°	276.2	276.8	276.3	276.5	276.5	276.5	276.3	276.8	276.2	276.8	276.3
19.5°	275.3	275.6	275.5	275.5	275.6	275.5	275.5	275.6	275.3	275.6	275.5
20°	274.3	274.8	274.4	274.7	274.7	274.7	274.4	274.8	274.3	274.8	274.4
20.5°	273.2	273.5	273.5	273.7	273.5	273.7	273.5	273.5	273.2	273.5	273.5
21°	272.0	272.5	272.5	272.4	272.6	272.4	272.5	272.5	272.0	272.5	272.5

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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°	269.2	269.5	269.3	269.4	269.7	269.4	269.3	269.5	269.2	269.5	269.3
23°	267.8	268.0	268.2	268.1	268.4	268.1	268.2	268.0	267.8	268.0	268.2
23.5°	266.7	267.4	266.8	267.2	267.1	267.2	266.8	267.4	266.7	267.4	266.8
24°	265.5	266.2	266.1	266.0	266.2	266.0	266.1	266.2	265.5	266.2	266.1
24.5°	264.6	265.1	264.9	264.9	264.8	264.9	264.9	265.1	264.6	265.1	264.9
25°	263.4	264.0	263.6	263.7	263.7	263.7	263.6	264.0	263.4	264.0	263.6
25.5°	262.1	262.6	262.5	262.4	262.5	262.4	262.5	262.6	262.1	262.6	262.5
26°	260.9	261.4	261.2	261.1	261.4	261.1	261.2	261.4	260.9	261.4	261.2
26.5°	259.9	260.2	259.9	259.8	260.0	259.8	259.9	260.2	259.9	260.2	259.9
27°	258.2	258.8	258.5	258.7	259.1	258.7	258.5	258.8	258.2	258.8	258.5
27.5°	257.4	257.5	257.4	257.6	257.5	257.6	257.4	257.5	257.4	257.5	257.4
28°	255.7	256.1	256.1	256.2	256.1	256.2	256.1	256.1	255.7	256.1	256.1
28.5°	254.5	255.0	254.8	254.9	254.7	254.9	254.8	255.0	254.5	255.0	254.8
29°	253.2	253.6	253.7	253.5	253.4	253.5	253.7	253.6	253.2	253.6	253.7
29.5°	251.4	252.1	252.1	252.2	252.2	252.2	252.1	252.1	251.4	252.1	252.1
30°	250.3	250.8	250.5	250.7	250.5	250.7	250.5	250.8	250.3	250.8	250.5
30.5°	249.1	249.6	249.3	249.1	249.4	249.1	249.3	249.6	249.1	249.6	249.3
31°	247.5	248.0	247.6	248.0	247.9	248.0	247.6	248.0	247.5	248.0	247.6
31.5°	246.1	246.6	246.2	246.6	246.2	246.6	246.2	246.6	246.1	246.6	246.2
32°	244.4	245.1	244.7	245.1	245.2	245.1	244.7	245.1	244.4	245.1	244.7
32.5°	243.3	243.4	243.4	243.7	243.5	243.7	243.4	243.4	243.3	243.4	243.4
33°	241.5	242.2	241.8	241.9	242.0	241.9	241.8	242.2	241.5	242.2	241.8
33.5°	240.4	240.7	240.4	240.2	240.5	240.2	240.4	240.7	240.4	240.7	240.4
34°	238.7	239.1	238.9	238.9	238.7	238.9	238.9	239.1	238.7	239.1	238.9
34.5°	237.0	237.5	237.2	237.4	237.1	237.4	237.2	237.5	237.0	237.5	237.2
35°	235.4	235.9	235.6	235.8	235.7	235.8	235.6	235.9	235.4	235.9	235.6
35.5°	234.0	234.2	234.0	234.1	234.3	234.1	234.0	234.2	234.0	234.2	234.0
36°	232.2	232.5	232.3	232.6	232.6	232.6	232.3	232.5	232.2	232.5	232.3
36.5°	230.7	230.8	230.8	231.0	231.0	231.0	230.8	230.8	230.7	230.8	230.8
37°	229.0	229.2	229.0	229.1	229.3	229.1	229.0	229.2	229.0	229.2	229.0
37.5°	227.2	227.5	227.5	227.5	227.5	227.5	227.5	227.5	227.2	227.5	227.5
38°	225.4	225.9	225.7	225.8	225.6	225.8	225.7	225.9	225.4	225.9	225.7
38.5°	223.9	224.0	224.1	224.1	224.0	224.1	224.1	224.0	223.9	224.0	224.1
39°	222.1	222.2	222.3	222.4	222.2	222.4	222.3	222.2	222.1	222.2	222.3
39.5°	220.1	220.5	220.6	220.6	220.7	220.6	220.6	220.5	220.1	220.5	220.6
40°	218.6	218.7	218.7	218.8	218.8	218.8	218.7	218.7	218.6	218.7	218.7
40.5°	216.9	217.1	216.9	216.9	216.9	216.9	216.9	217.1	216.9	217.1	216.9
41°	214.9	215.2	215.0	215.3	215.2	215.3	215.0	215.2	214.9	215.2	215.0
41.5°	212.9	213.5	213.2	213.4	213.2	213.4	213.2	213.5	212.9	213.5	213.2
42°	211.1	211.7	211.4	211.5	211.3	211.5	211.4	211.7	211.1	211.7	211.4
42.5°	209.3	209.7	209.5	209.6	209.6	209.6	209.5	209.7	209.3	209.7	209.5
43°	207.4	207.9	207.6	207.7	207.6	207.7	207.6	207.9	207.4	207.9	207.6
43.5°	205.6	205.9	205.8	205.9	205.8	205.9	205.8	205.9	205.6	205.9	205.8

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	199.6	200.2	200.0	200.2	200.1	200.2	200.0	200.2	199.6	200.2	200.0
45.5°	197.6	198.2	198.1	198.1	198.1	198.1	198.1	198.2	197.6	198.2	198.1
46°	196.0	196.0	196.0	196.1	196.0	196.1	196.0	196.0	196.0	196.0	196.0
46.5°	193.8	194.3	194.0	194.2	194.1	194.2	194.0	194.3	193.8	194.3	194.0
47°	191.7	192.1	192.0	192.2	191.9	192.2	192.0	192.1	191.7	192.1	192.0
47.5°	189.7	190.3	189.9	190.1	190.2	190.1	189.9	190.3	189.7	190.3	189.9
48°	187.8	188.1	187.8	188.1	188.1	188.1	187.8	188.1	187.8	188.1	187.8
48.5°	185.7	186.2	185.8	186.0	185.9	186.0	185.8	186.2	185.7	186.2	185.8
49°	183.5	184.0	183.8	183.9	183.7	183.9	183.8	184.0	183.5	184.0	183.8
49.5°	181.4	181.9	181.7	181.7	181.6	181.7	181.7	181.9	181.4	181.9	181.7
50°	179.4	179.7	179.6	179.8	179.8	179.8	179.6	179.7	179.4	179.7	179.6
50.5°	177.2	177.6	177.5	177.6	177.6	177.6	177.5	177.6	177.2	177.6	177.5
51°	175.1	175.5	175.3	175.4	175.4	175.4	175.3	175.5	175.1	175.5	175.3
51.5°	172.9	173.3	173.1	173.4	173.2	173.4	173.1	173.3	172.9	173.3	173.1
52°	170.8	171.1	170.9	171.1	171.0	171.1	170.9	171.1	170.8	171.1	170.9
52.5°	168.7	169.0	168.7	169.0	168.9	169.0	168.7	169.0	168.7	169.0	168.7
53°	166.5	166.8	166.5	166.7	166.7	166.7	166.5	166.8	166.5	166.8	166.5
53.5°	164.2	164.5	164.3	164.5	164.5	164.5	164.3	164.5	164.2	164.5	164.3
54°	162.0	162.3	162.1	162.2	162.2	162.2	162.1	162.3	162.0	162.3	162.1
54.5°	159.8	160.0	159.9	160.0	160.0	160.0	159.9	160.0	159.8	160.0	159.9
55°	157.6	157.8	157.7	157.8	157.9	157.8	157.7	157.8	157.6	157.8	157.7
55.5°	155.2	155.6	155.4	155.4	155.5	155.4	155.4	155.6	155.2	155.6	155.4
56°	152.9	153.2	153.1	153.2	153.1	153.2	153.1	153.2	152.9	153.2	153.1
56.5°	150.6	150.9	150.8	150.9	150.9	150.9	150.8	150.9	150.6	150.9	150.8
57°	148.3	148.6	148.4	148.6	148.4	148.6	148.4	148.6	148.3	148.6	148.4
57.5°	146.0	146.2	146.1	146.3	146.2	146.3	146.1	146.2	146.0	146.2	146.1
58°	143.7	143.9	143.7	143.8	143.9	143.8	143.7	143.9	143.7	143.9	143.7
58.5°	141.2	141.6	141.4	141.6	141.6	141.6	141.4	141.6	141.2	141.6	141.4
59°	138.7	139.2	139.0	139.1	139.1	139.1	139.0	139.2	138.7	139.2	139.0
59.5°	136.4	136.9	136.6	136.6	136.7	136.6	136.6	136.9	136.4	136.9	136.6
60°	134.2	134.4	134.2	134.3	134.3	134.3	134.2	134.4	134.2	134.4	134.2
60.5°	131.8	132.0	131.8	131.9	132.1	131.9	131.8	132.0	131.8	132.0	131.8
61°	129.4	129.6	129.4	129.5	129.5	129.5	129.4	129.6	129.4	129.6	129.4
61.5°	127.0	127.2	127.0	127.1	127.1	127.1	127.0	127.2	127.0	127.2	127.0
62°	124.5	124.7	124.6	124.6	124.7	124.6	124.6	124.7	124.5	124.7	124.6
62.5°	122.0	122.3	122.1	122.3	122.3	122.3	122.1	122.3	122.0	122.3	122.1
63°	119.6	119.8	119.6	119.7	119.6	119.7	119.6	119.8	119.6	119.8	119.6
63.5°	117.0	117.3	117.1	117.2	117.1	117.2	117.1	117.3	117.0	117.3	117.1
64°	114.6	114.8	114.6	114.7	114.8	114.7	114.6	114.8	114.6	114.8	114.6
64.5°	112.1	112.3	112.0	112.2	112.1	112.2	112.0	112.3	112.1	112.3	112.0
65°	109.5	109.7	109.5	109.8	109.8	109.8	109.5	109.7	109.5	109.7	109.5
65.5°	107.1	107.2	107.1	107.3	107.3	107.3	107.1	107.2	107.1	107.2	107.1
66°	104.5	104.7	104.5	104.6	104.5	104.6	104.5	104.7	104.5	104.7	104.5

TEST NUMBER: P997207

CATALOG NUMBER: SMX6SLSFS010-900LM-3000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	97.0	97.0	97.0	97.0	97.1	97.0	97.0	97.0	97.0	97.0	97.0
68°	94.4	94.4	94.3	94.4	94.6	94.4	94.3	94.4	94.4	94.4	94.3
68.5°	91.8	91.9	91.7	91.8	91.8	91.8	91.7	91.9	91.8	91.9	91.7
69°	89.2	89.3	89.2	89.3	89.2	89.3	89.2	89.3	89.2	89.3	89.2
69.5°	86.6	86.6	86.6	86.6	86.7	86.6	86.6	86.6	86.6	86.6	86.6
70°	83.9	84.1	84.0	84.0	84.0	84.0	84.0	84.1	83.9	84.1	84.0
70.5°	81.4	81.6	81.4	81.5	81.4	81.5	81.4	81.6	81.4	81.6	81.4
71°	78.8	78.9	78.7	78.9	78.8	78.9	78.7	78.9	78.8	78.9	78.7
71.5°	76.1	76.3	76.2	76.2	76.2	76.2	76.2	76.3	76.1	76.3	76.2
72°	73.5	73.7	73.5	73.6	73.7	73.6	73.5	73.7	73.5	73.7	73.5
72.5°	70.9	71.1	70.9	71.0	71.1	71.0	70.9	71.1	70.9	71.1	70.9
73°	68.3	68.5	68.3	68.4	68.4	68.4	68.3	68.5	68.3	68.5	68.3
73.5°	65.6	65.9	65.7	65.8	65.8	65.8	65.7	65.9	65.6	65.9	65.7
74°	63.0	63.2	63.1	63.2	63.2	63.2	63.1	63.2	63.0	63.2	63.1
74.5°	60.5	60.7	60.6	60.6	60.7	60.6	60.6	60.7	60.5	60.7	60.6
75°	57.9	58.1	58.0	58.0	58.1	58.0	58.0	58.1	57.9	58.1	58.0
75.5°	55.3	55.6	55.5	55.5	55.5	55.5	55.5	55.6	55.3	55.6	55.5
76°	52.8	52.9	53.0	53.0	53.0	53.0	53.0	52.9	52.8	52.9	53.0
76.5°	50.2	50.3	50.3	50.4	50.4	50.4	50.3	50.3	50.2	50.3	50.3
77°	47.7	47.9	47.8	47.9	47.8	47.9	47.8	47.9	47.7	47.9	47.8
77.5°	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.2	45.3	45.3
78°	42.7	42.8	42.8	42.9	42.9	42.9	42.8	42.8	42.7	42.8	42.8
78.5°	40.2	40.4	40.4	40.5	40.5	40.5	40.4	40.4	40.2	40.4	40.4
79°	37.7	37.9	37.9	38.0	38.0	38.0	37.9	37.9	37.7	37.9	37.9
79.5°	35.4	35.6	35.5	35.6	35.6	35.6	35.5	35.6	35.4	35.6	35.5
80°	33.1	33.2	33.2	33.3	33.3	33.3	33.2	33.2	33.1	33.2	33.2
80.5°	30.9	30.9	30.9	30.9	31.0	30.9	30.9	30.9	30.9	30.9	30.9
81°	28.6	28.6	28.7	28.7	28.7	28.7	28.7	28.6	28.6	28.6	28.7
81.5°	26.3	26.4	26.5	26.4	26.5	26.4	26.5	26.4	26.3	26.4	26.5
82°	24.1	24.2	24.2	24.2	24.3	24.2	24.2	24.2	24.1	24.2	24.2
82.5°	22.0	22.0	22.1	22.1	22.2	22.1	22.1	22.0	22.0	22.0	22.1
83°	19.8	19.9	20.0	20.0	20.1	20.0	20.0	19.9	19.8	19.9	20.0
83.5°	17.7	17.8	17.9	18.0	18.0	18.0	17.9	17.8	17.7	17.8	17.9
84°	15.7	15.9	16.0	16.1	16.0	16.1	16.0	15.9	15.7	15.9	16.0
84.5°	14.0	14.0	14.1	14.2	14.2	14.2	14.1	14.0	14.0	14.0	14.1
85°	12.2	12.3	12.4	12.4	12.3	12.4	12.4	12.3	12.2	12.3	12.4
85.5°	10.5	10.6	10.7	10.8	10.7	10.8	10.7	10.6	10.5	10.6	10.7
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	7.6	7.8	7.9	7.7	7.9	7.8	7.6	7.5	7.6	7.8
87°	6.2	6.3	6.5	6.6	6.5	6.6	6.5	6.3	6.2	6.3	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	3.2	3.4	3.5	3.3	3.5	3.4	3.2	3.2	3.2	3.4

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

Scaled Data Report



TEST NUMBER: P997207
CATALOG NUMBER: SMX6SLSFS010-900LM-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: P997207

CATALOG NUMBER: SMX6SLSFS010-900LM-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	294.2	294.2	294.2	294.2	294.2	294.2
0.5°	294.4	294.2	294.4	294.2	294.4	293.7
1°	294.2	294.3	294.2	294.3	294.5	293.8
1.5°	294.1	294.3	294.1	294.4	294.2	293.7
2°	293.9	294.3	293.9	294.2	294.1	293.6
2.5°	293.9	293.8	293.9	294.0	294.1	293.5
3°	293.9	293.8	293.9	293.7	294.0	293.2
3.5°	293.8	293.8	293.8	293.3	293.8	293.3
4°	293.4	293.7	293.4	293.2	293.5	293.0
4.5°	293.2	293.6	293.2	293.2	293.2	292.7
5°	293.0	293.2	293.0	292.9	293.2	292.4
5.5°	292.9	292.7	292.9	292.7	293.0	292.2
6°	292.4	292.6	292.4	292.2	292.6	292.1
6.5°	292.1	292.1	292.1	292.0	292.3	291.9
7°	291.7	292.1	291.7	291.5	291.9	291.6
7.5°	291.4	291.5	291.4	291.3	291.6	291.0
8°	290.8	291.2	290.8	290.9	291.1	290.7
8.5°	290.6	290.7	290.6	290.4	290.8	290.3
9°	290.3	290.3	290.3	289.9	290.5	289.8
9.5°	289.6	289.5	289.6	289.4	289.7	289.2
10°	289.3	289.3	289.3	288.9	289.5	288.8
10.5°	288.9	289.0	288.9	288.5	288.9	288.2
11°	288.5	288.5	288.5	288.2	288.4	287.9
11.5°	287.7	287.9	287.7	287.6	287.8	287.3
12°	287.2	287.3	287.2	286.8	287.2	287.0
12.5°	286.6	286.4	286.6	286.4	286.8	286.4
13°	285.9	286.1	285.9	285.9	286.2	285.6
13.5°	285.4	285.2	285.4	285.1	285.3	284.9
14°	284.6	284.5	284.6	284.5	284.8	284.4
14.5°	283.9	283.8	283.9	283.6	284.0	283.5
15°	283.2	283.1	283.2	283.0	283.3	282.8
15.5°	282.4	282.0	282.4	282.3	282.5	281.9
16°	281.8	281.7	281.8	281.3	281.9	281.1
16.5°	280.8	280.8	280.8	280.6	280.9	280.0
17°	279.9	280.1	279.9	280.1	279.9	279.6
17.5°	279.3	279.0	279.3	279.2	279.1	278.8
18°	278.3	278.4	278.3	278.2	278.4	277.6
18.5°	277.6	277.1	277.6	277.4	277.6	277.2
19°	276.5	276.5	276.5	276.3	276.8	276.2
19.5°	275.5	275.6	275.5	275.5	275.6	275.3
20°	274.7	274.7	274.7	274.4	274.8	274.3
20.5°	273.7	273.5	273.7	273.5	273.5	273.2
21°	272.4	272.6	272.4	272.5	272.5	272.0

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997207

CATALOG NUMBER: SMX6SLSFS010-900LM-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	269.4	269.7	269.4	269.3	269.5	269.2
23°	268.1	268.4	268.1	268.2	268.0	267.8
23.5°	267.2	267.1	267.2	266.8	267.4	266.7
24°	266.0	266.2	266.0	266.1	266.2	265.5
24.5°	264.9	264.8	264.9	264.9	265.1	264.6
25°	263.7	263.7	263.7	263.6	264.0	263.4
25.5°	262.4	262.5	262.4	262.5	262.6	262.1
26°	261.1	261.4	261.1	261.2	261.4	260.9
26.5°	259.8	260.0	259.8	259.9	260.2	259.9
27°	258.7	259.1	258.7	258.5	258.8	258.2
27.5°	257.6	257.5	257.6	257.4	257.5	257.4
28°	256.2	256.1	256.2	256.1	256.1	255.7
28.5°	254.9	254.7	254.9	254.8	255.0	254.5
29°	253.5	253.4	253.5	253.7	253.6	253.2
29.5°	252.2	252.2	252.2	252.1	252.1	251.4
30°	250.7	250.5	250.7	250.5	250.8	250.3
30.5°	249.1	249.4	249.1	249.3	249.6	249.1
31°	248.0	247.9	248.0	247.6	248.0	247.5
31.5°	246.6	246.2	246.6	246.2	246.6	246.1
32°	245.1	245.2	245.1	244.7	245.1	244.4
32.5°	243.7	243.5	243.7	243.4	243.4	243.3
33°	241.9	242.0	241.9	241.8	242.2	241.5
33.5°	240.2	240.5	240.2	240.4	240.7	240.4
34°	238.9	238.7	238.9	238.9	239.1	238.7
34.5°	237.4	237.1	237.4	237.2	237.5	237.0
35°	235.8	235.7	235.8	235.6	235.9	235.4
35.5°	234.1	234.3	234.1	234.0	234.2	234.0
36°	232.6	232.6	232.6	232.3	232.5	232.2
36.5°	231.0	231.0	231.0	230.8	230.8	230.7
37°	229.1	229.3	229.1	229.0	229.2	229.0
37.5°	227.5	227.5	227.5	227.5	227.5	227.2
38°	225.8	225.6	225.8	225.7	225.9	225.4
38.5°	224.1	224.0	224.1	224.1	224.0	223.9
39°	222.4	222.2	222.4	222.3	222.2	222.1
39.5°	220.6	220.7	220.6	220.6	220.5	220.1
40°	218.8	218.8	218.8	218.7	218.7	218.6
40.5°	216.9	216.9	216.9	216.9	217.1	216.9
41°	215.3	215.2	215.3	215.0	215.2	214.9
41.5°	213.4	213.2	213.4	213.2	213.5	212.9
42°	211.5	211.3	211.5	211.4	211.7	211.1
42.5°	209.6	209.6	209.6	209.5	209.7	209.3
43°	207.7	207.6	207.7	207.6	207.9	207.4
43.5°	205.9	205.8	205.9	205.8	205.9	205.6

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997207

CATALOG NUMBER: SMX6SLSFS010-900LM-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	200.2	200.1	200.2	200.0	200.2	199.6
45.5°	198.1	198.1	198.1	198.1	198.2	197.6
46°	196.1	196.0	196.1	196.0	196.0	196.0
46.5°	194.2	194.1	194.2	194.0	194.3	193.8
47°	192.2	191.9	192.2	192.0	192.1	191.7
47.5°	190.1	190.2	190.1	189.9	190.3	189.7
48°	188.1	188.1	188.1	187.8	188.1	187.8
48.5°	186.0	185.9	186.0	185.8	186.2	185.7
49°	183.9	183.7	183.9	183.8	184.0	183.5
49.5°	181.7	181.6	181.7	181.7	181.9	181.4
50°	179.8	179.8	179.8	179.6	179.7	179.4
50.5°	177.6	177.6	177.6	177.5	177.6	177.2
51°	175.4	175.4	175.4	175.3	175.5	175.1
51.5°	173.4	173.2	173.4	173.1	173.3	172.9
52°	171.1	171.0	171.1	170.9	171.1	170.8
52.5°	169.0	168.9	169.0	168.7	169.0	168.7
53°	166.7	166.7	166.7	166.5	166.8	166.5
53.5°	164.5	164.5	164.5	164.3	164.5	164.2
54°	162.2	162.2	162.2	162.1	162.3	162.0
54.5°	160.0	160.0	160.0	159.9	160.0	159.8
55°	157.8	157.9	157.8	157.7	157.8	157.6
55.5°	155.4	155.5	155.4	155.4	155.6	155.2
56°	153.2	153.1	153.2	153.1	153.2	152.9
56.5°	150.9	150.9	150.9	150.8	150.9	150.6
57°	148.6	148.4	148.6	148.4	148.6	148.3
57.5°	146.3	146.2	146.3	146.1	146.2	146.0
58°	143.8	143.9	143.8	143.7	143.9	143.7
58.5°	141.6	141.6	141.6	141.4	141.6	141.2
59°	139.1	139.1	139.1	139.0	139.2	138.7
59.5°	136.6	136.7	136.6	136.6	136.9	136.4
60°	134.3	134.3	134.3	134.2	134.4	134.2
60.5°	131.9	132.1	131.9	131.8	132.0	131.8
61°	129.5	129.5	129.5	129.4	129.6	129.4
61.5°	127.1	127.1	127.1	127.0	127.2	127.0
62°	124.6	124.7	124.6	124.6	124.7	124.5
62.5°	122.3	122.3	122.3	122.1	122.3	122.0
63°	119.7	119.6	119.7	119.6	119.8	119.6
63.5°	117.2	117.1	117.2	117.1	117.3	117.0
64°	114.7	114.8	114.7	114.6	114.8	114.6
64.5°	112.2	112.1	112.2	112.0	112.3	112.1
65°	109.8	109.8	109.8	109.5	109.7	109.5
65.5°	107.3	107.3	107.3	107.1	107.2	107.1
66°	104.6	104.5	104.6	104.5	104.7	104.5

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997207

CATALOG NUMBER: SMX6SLSFS010-900LM-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	97.0	97.1	97.0	97.0	97.0	97.0
68°	94.4	94.6	94.4	94.3	94.4	94.4
68.5°	91.8	91.8	91.8	91.7	91.9	91.8
69°	89.3	89.2	89.3	89.2	89.3	89.2
69.5°	86.6	86.7	86.6	86.6	86.6	86.6
70°	84.0	84.0	84.0	84.0	84.1	83.9
70.5°	81.5	81.4	81.5	81.4	81.6	81.4
71°	78.9	78.8	78.9	78.7	78.9	78.8
71.5°	76.2	76.2	76.2	76.2	76.3	76.1
72°	73.6	73.7	73.6	73.5	73.7	73.5
72.5°	71.0	71.1	71.0	70.9	71.1	70.9
73°	68.4	68.4	68.4	68.3	68.5	68.3
73.5°	65.8	65.8	65.8	65.7	65.9	65.6
74°	63.2	63.2	63.2	63.1	63.2	63.0
74.5°	60.6	60.7	60.6	60.6	60.7	60.5
75°	58.0	58.1	58.0	58.0	58.1	57.9
75.5°	55.5	55.5	55.5	55.5	55.6	55.3
76°	53.0	53.0	53.0	53.0	52.9	52.8
76.5°	50.4	50.4	50.4	50.3	50.3	50.2
77°	47.9	47.8	47.9	47.8	47.9	47.7
77.5°	45.3	45.3	45.3	45.3	45.3	45.2
78°	42.9	42.9	42.9	42.8	42.8	42.7
78.5°	40.5	40.5	40.5	40.4	40.4	40.2
79°	38.0	38.0	38.0	37.9	37.9	37.7
79.5°	35.6	35.6	35.6	35.5	35.6	35.4
80°	33.3	33.3	33.3	33.2	33.2	33.1
80.5°	30.9	31.0	30.9	30.9	30.9	30.9
81°	28.7	28.7	28.7	28.7	28.6	28.6
81.5°	26.4	26.5	26.4	26.5	26.4	26.3
82°	24.2	24.3	24.2	24.2	24.2	24.1
82.5°	22.1	22.2	22.1	22.1	22.0	22.0
83°	20.0	20.1	20.0	20.0	19.9	19.8
83.5°	18.0	18.0	18.0	17.9	17.8	17.7
84°	16.1	16.0	16.1	16.0	15.9	15.7
84.5°	14.2	14.2	14.2	14.1	14.0	14.0
85°	12.4	12.3	12.4	12.4	12.3	12.2
85.5°	10.8	10.7	10.8	10.7	10.6	10.5
86°	9.3	9.2	9.3	9.2	9.1	9.0
86.5°	7.9	7.7	7.9	7.8	7.6	7.5
87°	6.6	6.5	6.6	6.5	6.3	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	3.2	3.2

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Scaled Data Report



TEST NUMBER: P997207
CATALOG NUMBER: SMX6SLSFS010-900LM-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

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Scaled Data Report

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



Report Generated By 670245859 / DESKTOP-T8S5UU9

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

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21.5°	270.6	271.3	271.4	271.3	271.7	271.3	271.4	271.3	270.6	271.3	271.4
22°	269.9	270.5	270.4	270.4	270.7	270.4	270.4	270.5	269.9	270.5	270.4



44°	203.6	203.8	203.8	204.0	204.0	204.0	203.8	203.8	203.6	203.8	203.8
44.5°	201.6	202.1	202.0	202.0	202.1	202.0	202.0	202.1	201.6	202.1	202.0

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66.5°	102.1	102.2	102.0	102.1	102.1	102.1	102.0	102.2	102.1	102.2	102.0
67°	99.5	99.6	99.5	99.5	99.6	99.5	99.5	99.6	99.5	99.6	99.5



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°	271.3	271.7	271.3	271.4	271.3	270.6
22°	270.4	270.7	270.4	270.4	270.5	269.9

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44°	204.0	204.0	204.0	203.8	203.8	203.6
44.5°	202.0	202.1	202.0	202.0	202.1	201.6

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66.5°	102.1	102.1	102.1	102.0	102.2	102.1
67°	99.5	99.6	99.5	99.5	99.6	99.5

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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)