

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: P997210

Luminaire Tested: **SMX6SLSF010-900LM-5000K**

Issue Date: 3/11/2025



Test Information

Test Method: LM-41-14
Report Number: P997210
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-5000K
Description: 6IN SQAURE, 90CRI, 0-10V DIMMING, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 5000K CCT
Ballast/Driver: -

Summary

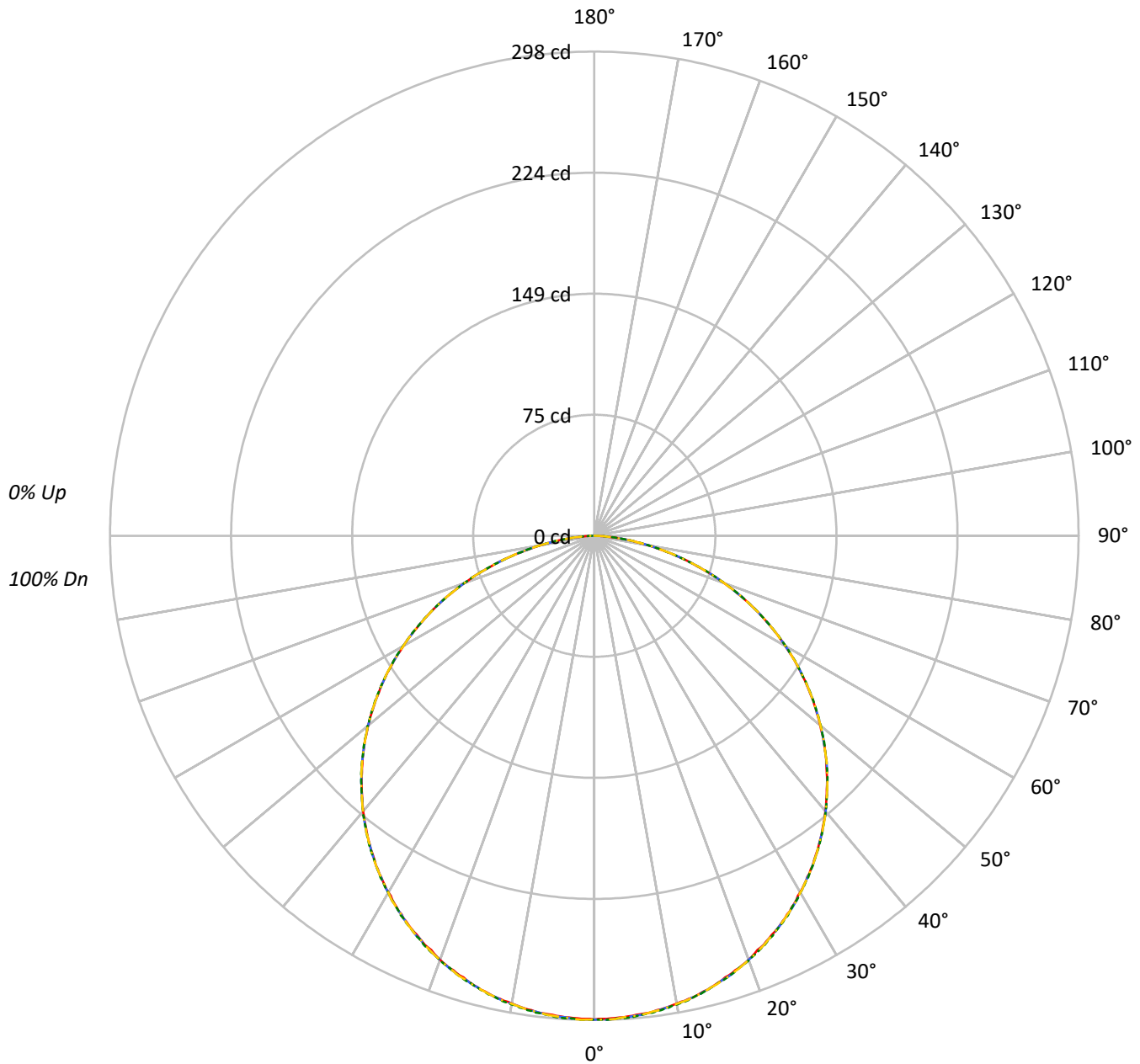
Lumens per Lamp: N/A
Luminaire Lumens: 867.4 lumens
Efficiency: N/A
Efficacy: 103.3 lumens/watt
Spacing Criteria (0/90/45): 1.27 / 1.27 / 1.39
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 8.4
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



Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



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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°	12822	12822	12822	12822
5°	12793	12828	12793	12828
10°	12779	12806	12779	12806
15°	12762	12775	12762	12775
20°	12724	12742	12724	12742
25°	12670	12684	12670	12684
30°	12598	12608	12598	12608
35°	12525	12541	12525	12541
40°	12438	12449	12438	12449
45°	12306	12330	12306	12330
50°	12164	12191	12164	12191
55°	11973	11995	11973	11995
60°	11703	11711	11703	11711
65°	11298	11329	11298	11329
70°	10688	10713	10688	10713
75°	9748	9782	9748	9782
80°	8306	8356	8306	8356
85°	6126	6175	6126	6175



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.2	3.2
10°-20°	80.9	9.3
20°-30°	123.0	14.2
30°-40°	149.3	17.2
40°-50°	156.1	18.0
50°-60°	142.6	16.4
60°-70°	109.7	12.6
70°-80°	62.1	7.2
80°-90°	15.4	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°	232.1	26.8
0°-40°	381.4	44.0
0°-60°	680.1	78.4
0°-90°	867.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	867.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	298	298	298	298	298	
5°	296	297	296	297	296	28
15°	286	287	286	287	286	81
25°	267	267	267	267	267	123
35°	238	239	238	239	238	149
45°	202	202	202	202	202	156
55°	160	160	160	160	160	142
65°	111	111	111	111	111	110
75°	59	59	59	59	59	62
85°	12	12	12	12	12	15
90°	0	0	0	0	0	

Cooper Lighting Solutions Photometric Lab

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	297.8	297.8	297.8	297.8	297.8	297.8	297.8	297.8	297.8	297.8	297.8
0.5°	297.4	298.0	297.9	298.0	297.8	298.0	297.9	298.0	297.4	298.0	297.9
1°	297.4	298.1	297.9	297.8	297.9	297.8	297.9	298.1	297.4	298.1	297.9
1.5°	297.4	297.8	298.0	297.8	298.0	297.8	298.0	297.8	297.4	297.8	298.0
2°	297.2	297.7	297.8	297.6	297.9	297.6	297.8	297.7	297.2	297.7	297.8
2.5°	297.1	297.7	297.7	297.6	297.4	297.6	297.7	297.7	297.1	297.7	297.7
3°	296.9	297.7	297.3	297.6	297.4	297.6	297.3	297.7	296.9	297.7	297.3
3.5°	296.9	297.4	296.9	297.4	297.5	297.4	296.9	297.4	296.9	297.4	296.9
4°	296.6	297.2	296.8	297.1	297.3	297.1	296.8	297.2	296.6	297.2	296.8
4.5°	296.4	296.8	296.8	296.8	297.2	296.8	296.8	296.8	296.4	296.8	296.8
5°	296.0	296.8	296.5	296.6	296.8	296.6	296.5	296.8	296.0	296.8	296.5
5.5°	295.8	296.6	296.3	296.5	296.3	296.5	296.3	296.6	295.8	296.6	296.3
6°	295.7	296.2	295.9	296.0	296.2	296.0	295.9	296.2	295.7	296.2	295.9
6.5°	295.5	295.9	295.6	295.7	295.7	295.7	295.6	295.9	295.5	295.9	295.6
7°	295.2	295.5	295.1	295.3	295.7	295.3	295.1	295.5	295.2	295.5	295.1
7.5°	294.6	295.2	294.9	295.0	295.1	295.0	294.9	295.2	294.6	295.2	294.9
8°	294.3	294.7	294.5	294.4	294.8	294.4	294.5	294.7	294.3	294.7	294.5
8.5°	293.9	294.4	294.0	294.2	294.3	294.2	294.0	294.4	293.9	294.4	294.0
9°	293.4	294.1	293.5	293.9	293.9	293.9	293.5	294.1	293.4	294.1	293.5
9.5°	292.8	293.3	293.0	293.2	293.0	293.2	293.0	293.3	292.8	293.3	293.0
10°	292.3	293.1	292.4	292.9	292.9	292.9	292.4	293.1	292.3	293.1	292.4
10.5°	291.8	292.5	292.1	292.5	292.5	292.5	292.1	292.5	291.8	292.5	292.1
11°	291.5	291.9	291.7	292.0	292.1	292.0	291.7	291.9	291.5	291.9	291.7
11.5°	290.9	291.4	291.2	291.2	291.5	291.2	291.2	291.4	290.9	291.4	291.2
12°	290.5	290.8	290.4	290.7	290.8	290.7	290.4	290.8	290.5	290.8	290.4
12.5°	290.0	290.3	289.9	290.1	290.0	290.1	289.9	290.3	290.0	290.3	289.9
13°	289.1	289.7	289.4	289.4	289.7	289.4	289.4	289.7	289.1	289.7	289.4
13.5°	288.4	288.8	288.6	288.9	288.7	288.9	288.6	288.8	288.4	288.8	288.6
14°	287.9	288.3	288.0	288.1	288.1	288.1	288.0	288.3	287.9	288.3	288.0
14.5°	287.0	287.5	287.1	287.4	287.3	287.4	287.1	287.5	287.0	287.5	287.1
15°	286.3	286.8	286.5	286.7	286.6	286.7	286.5	286.8	286.3	286.8	286.5
15.5°	285.4	286.0	285.8	285.9	285.5	285.9	285.8	286.0	285.4	286.0	285.8
16°	284.6	285.4	284.7	285.2	285.2	285.2	284.7	285.4	284.6	285.4	284.7
16.5°	283.5	284.3	284.1	284.2	284.3	284.2	284.1	284.3	283.5	284.3	284.1
17°	283.0	283.4	283.5	283.4	283.5	283.4	283.5	283.4	283.0	283.4	283.5
17.5°	282.2	282.5	282.7	282.7	282.5	282.7	282.7	282.5	282.2	282.5	282.7
18°	281.0	281.9	281.6	281.7	281.8	281.7	281.6	281.9	281.0	281.9	281.6
18.5°	280.6	281.0	280.8	281.0	280.5	281.0	280.8	281.0	280.6	281.0	280.8
19°	279.6	280.3	279.7	279.9	279.9	279.9	279.7	280.3	279.6	280.3	279.7
19.5°	278.7	279.0	278.9	278.9	279.0	278.9	278.9	279.0	278.7	279.0	278.9
20°	277.7	278.2	277.8	278.1	278.1	278.1	277.8	278.2	277.7	278.2	277.8
20.5°	276.6	276.9	276.9	277.0	276.9	277.0	276.9	276.9	276.6	276.9	276.9
21°	275.4	275.9	275.9	275.8	276.0	275.8	275.9	275.9	275.4	275.9	275.9

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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°	272.5	272.8	272.6	272.7	273.0	272.7	272.6	272.8	272.5	272.8	272.6
23°	271.1	271.3	271.5	271.4	271.7	271.4	271.5	271.3	271.1	271.3	271.5
23.5°	270.0	270.7	270.1	270.5	270.4	270.5	270.1	270.7	270.0	270.7	270.1
24°	268.7	269.5	269.4	269.3	269.5	269.3	269.4	269.5	268.7	269.5	269.4
24.5°	267.8	268.4	268.2	268.2	268.0	268.2	268.2	268.4	267.8	268.4	268.2
25°	266.7	267.2	266.8	266.9	267.0	266.9	266.8	267.2	266.7	267.2	266.8
25.5°	265.4	265.9	265.7	265.7	265.7	265.7	265.7	265.9	265.4	265.9	265.7
26°	264.1	264.6	264.4	264.3	264.7	264.3	264.4	264.6	264.1	264.6	264.4
26.5°	263.1	263.4	263.1	263.0	263.2	263.0	263.1	263.4	263.1	263.4	263.1
27°	261.4	262.0	261.7	261.9	262.3	261.9	261.7	262.0	261.4	262.0	261.7
27.5°	260.6	260.7	260.6	260.7	260.6	260.7	260.6	260.7	260.6	260.7	260.6
28°	258.9	259.3	259.3	259.3	259.2	259.3	259.3	259.3	258.9	259.3	259.3
28.5°	257.7	258.1	257.9	258.1	257.8	258.1	257.9	258.1	257.7	258.1	257.9
29°	256.4	256.8	256.8	256.7	256.6	256.7	256.8	256.8	256.4	256.8	256.8
29.5°	254.5	255.3	255.2	255.3	255.3	255.3	255.2	255.3	254.5	255.3	255.2
30°	253.4	253.9	253.6	253.8	253.6	253.8	253.6	253.9	253.4	253.9	253.6
30.5°	252.2	252.6	252.4	252.2	252.5	252.2	252.4	252.6	252.2	252.6	252.4
31°	250.5	251.1	250.6	251.0	251.0	251.0	250.6	251.1	250.5	251.1	250.6
31.5°	249.2	249.6	249.2	249.6	249.3	249.6	249.2	249.6	249.2	249.6	249.2
32°	247.5	248.1	247.7	248.1	248.2	248.1	247.7	248.1	247.5	248.1	247.7
32.5°	246.3	246.4	246.4	246.7	246.5	246.7	246.4	246.4	246.3	246.4	246.4
33°	244.5	245.2	244.8	244.9	244.9	244.9	244.8	245.2	244.5	245.2	244.8
33.5°	243.4	243.7	243.4	243.2	243.5	243.2	243.4	243.7	243.4	243.7	243.4
34°	241.6	242.0	241.9	241.9	241.7	241.9	241.9	242.0	241.6	242.0	241.9
34.5°	239.9	240.5	240.1	240.3	240.1	240.3	240.1	240.5	239.9	240.5	240.1
35°	238.3	238.8	238.6	238.8	238.6	238.8	238.6	238.8	238.3	238.8	238.6
35.5°	236.9	237.1	236.9	236.9	237.2	236.9	236.9	237.1	236.9	237.1	236.9
36°	235.0	235.4	235.2	235.5	235.5	235.5	235.2	235.4	235.0	235.4	235.2
36.5°	233.5	233.7	233.6	233.9	233.8	233.9	233.6	233.7	233.5	233.7	233.6
37°	231.8	232.0	231.8	231.9	232.1	231.9	231.8	232.0	231.8	232.0	231.8
37.5°	230.1	230.3	230.4	230.3	230.3	230.3	230.4	230.3	230.1	230.3	230.4
38°	228.2	228.7	228.5	228.6	228.4	228.6	228.5	228.7	228.2	228.7	228.5
38.5°	226.6	226.8	226.8	226.9	226.8	226.9	226.8	226.8	226.6	226.8	226.8
39°	224.9	224.9	225.1	225.1	224.9	225.1	225.1	224.9	224.9	224.9	225.1
39.5°	222.9	223.2	223.4	223.3	223.4	223.3	223.4	223.2	222.9	223.2	223.4
40°	221.3	221.4	221.4	221.5	221.5	221.5	221.4	221.4	221.3	221.4	221.4
40.5°	219.5	219.8	219.6	219.6	219.6	219.6	219.6	219.8	219.5	219.8	219.6
41°	217.5	217.9	217.7	218.0	217.8	218.0	217.7	217.9	217.5	217.9	217.7
41.5°	215.5	216.1	215.8	216.0	215.9	216.0	215.8	216.1	215.5	216.1	215.8
42°	213.7	214.3	214.0	214.1	213.9	214.1	214.0	214.3	213.7	214.3	214.0
42.5°	211.8	212.3	212.1	212.2	212.2	212.2	212.1	212.3	211.8	212.3	212.1
43°	210.0	210.4	210.1	210.3	210.2	210.3	210.1	210.4	210.0	210.4	210.1
43.5°	208.1	208.5	208.4	208.4	208.4	208.4	208.4	208.5	208.1	208.5	208.4

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	202.1	202.6	202.5	202.7	202.5	202.7	202.5	202.6	202.1	202.6	202.5
45.5°	200.1	200.6	200.5	200.5	200.6	200.5	200.5	200.6	200.1	200.6	200.5
46°	198.4	198.4	198.5	198.5	198.5	198.5	198.5	198.4	198.4	198.4	198.5
46.5°	196.2	196.7	196.3	196.6	196.5	196.6	196.3	196.7	196.2	196.7	196.3
47°	194.1	194.5	194.3	194.5	194.3	194.5	194.3	194.5	194.1	194.5	194.3
47.5°	192.1	192.6	192.2	192.5	192.5	192.5	192.2	192.6	192.1	192.6	192.2
48°	190.1	190.4	190.1	190.4	190.4	190.4	190.1	190.4	190.1	190.4	190.1
48.5°	188.0	188.5	188.1	188.3	188.2	188.3	188.1	188.5	188.0	188.5	188.1
49°	185.8	186.2	186.0	186.2	186.0	186.2	186.0	186.2	185.8	186.2	186.0
49.5°	183.6	184.1	183.9	184.0	183.9	184.0	183.9	184.1	183.6	184.1	183.9
50°	181.6	181.9	181.8	182.0	182.0	182.0	181.8	181.9	181.6	181.9	181.8
50.5°	179.4	179.8	179.6	179.8	179.8	179.8	179.6	179.8	179.4	179.8	179.6
51°	177.3	177.6	177.4	177.6	177.6	177.6	177.4	177.6	177.3	177.6	177.4
51.5°	175.0	175.4	175.2	175.5	175.4	175.5	175.2	175.4	175.0	175.4	175.2
52°	172.9	173.2	173.0	173.3	173.1	173.3	173.0	173.2	172.9	173.2	173.0
52.5°	170.7	171.1	170.8	171.1	171.0	171.1	170.8	171.1	170.7	171.1	170.8
53°	168.6	168.8	168.5	168.8	168.8	168.8	168.5	168.8	168.6	168.8	168.5
53.5°	166.2	166.5	166.3	166.5	166.6	166.5	166.3	166.5	166.2	166.5	166.3
54°	163.9	164.3	164.1	164.2	164.2	164.2	164.1	164.3	163.9	164.3	164.1
54.5°	161.7	162.0	161.8	162.0	162.0	162.0	161.8	162.0	161.7	162.0	161.8
55°	159.5	159.7	159.6	159.7	159.8	159.7	159.6	159.7	159.5	159.7	159.6
55.5°	157.2	157.5	157.3	157.3	157.4	157.3	157.3	157.5	157.2	157.5	157.3
56°	154.8	155.1	155.0	155.1	155.0	155.1	155.0	155.1	154.8	155.1	155.0
56.5°	152.5	152.8	152.7	152.7	152.7	152.7	152.7	152.8	152.5	152.8	152.7
57°	150.1	150.5	150.3	150.4	150.2	150.4	150.3	150.5	150.1	150.5	150.3
57.5°	147.8	148.0	147.9	148.1	148.0	148.1	147.9	148.0	147.8	148.0	147.9
58°	145.5	145.7	145.5	145.6	145.7	145.6	145.5	145.7	145.5	145.7	145.5
58.5°	143.0	143.4	143.1	143.4	143.3	143.4	143.1	143.4	143.0	143.4	143.1
59°	140.5	140.9	140.7	140.8	140.8	140.8	140.7	140.9	140.5	140.9	140.7
59.5°	138.1	138.6	138.3	138.3	138.4	138.3	138.3	138.6	138.1	138.6	138.3
60°	135.9	136.1	135.9	135.9	136.0	135.9	135.9	136.1	135.9	136.1	135.9
60.5°	133.5	133.6	133.5	133.6	133.7	133.6	133.5	133.6	133.5	133.6	133.5
61°	131.0	131.2	131.0	131.1	131.1	131.1	131.0	131.2	131.0	131.2	131.0
61.5°	128.5	128.8	128.6	128.7	128.7	128.7	128.6	128.8	128.5	128.8	128.6
62°	126.1	126.3	126.1	126.1	126.2	126.1	126.1	126.3	126.1	126.3	126.1
62.5°	123.5	123.8	123.6	123.8	123.8	123.8	123.6	123.8	123.5	123.8	123.6
63°	121.0	121.3	121.1	121.2	121.1	121.2	121.1	121.3	121.0	121.3	121.1
63.5°	118.5	118.7	118.5	118.6	118.6	118.6	118.5	118.7	118.5	118.7	118.5
64°	116.0	116.2	116.0	116.1	116.2	116.1	116.0	116.2	116.0	116.2	116.0
64.5°	113.5	113.7	113.4	113.6	113.5	113.6	113.4	113.7	113.5	113.7	113.4
65°	110.9	111.0	110.9	111.1	111.2	111.1	110.9	111.0	110.9	111.0	110.9
65.5°	108.5	108.5	108.4	108.6	108.7	108.6	108.4	108.5	108.5	108.5	108.4
66°	105.8	106.0	105.8	105.9	105.8	105.9	105.8	106.0	105.8	106.0	105.8

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997210

CATALOG NUMBER: SMX6SLSFS010-900LM-5000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	98.2	98.2	98.2	98.2	98.3	98.2	98.2	98.2	98.2	98.2	98.2
68°	95.5	95.6	95.4	95.6	95.7	95.6	95.4	95.6	95.5	95.6	95.4
68.5°	92.9	93.1	92.8	93.0	93.0	93.0	92.8	93.1	92.9	93.1	92.8
69°	90.3	90.4	90.3	90.4	90.3	90.4	90.3	90.4	90.3	90.4	90.3
69.5°	87.6	87.6	87.6	87.7	87.8	87.7	87.6	87.6	87.6	87.6	87.6
70°	84.9	85.2	85.0	85.1	85.1	85.1	85.0	85.2	84.9	85.2	85.0
70.5°	82.4	82.6	82.4	82.5	82.4	82.5	82.4	82.6	82.4	82.6	82.4
71°	79.7	79.8	79.7	79.9	79.8	79.9	79.7	79.8	79.7	79.8	79.7
71.5°	77.1	77.2	77.1	77.2	77.1	77.2	77.1	77.2	77.1	77.2	77.1
72°	74.4	74.6	74.4	74.5	74.6	74.5	74.4	74.6	74.4	74.6	74.4
72.5°	71.8	72.0	71.7	71.9	72.0	71.9	71.7	72.0	71.8	72.0	71.7
73°	69.1	69.3	69.1	69.2	69.2	69.2	69.1	69.3	69.1	69.3	69.1
73.5°	66.4	66.7	66.6	66.6	66.6	66.6	66.6	66.7	66.4	66.7	66.6
74°	63.8	64.0	63.9	64.0	64.0	64.0	63.9	64.0	63.8	64.0	63.9
74.5°	61.2	61.4	61.3	61.3	61.4	61.3	61.3	61.4	61.2	61.4	61.3
75°	58.6	58.8	58.7	58.8	58.8	58.8	58.7	58.8	58.6	58.8	58.7
75.5°	56.0	56.3	56.2	56.2	56.2	56.2	56.2	56.3	56.0	56.3	56.2
76°	53.4	53.5	53.6	53.6	53.6	53.6	53.6	53.5	53.4	53.5	53.6
76.5°	50.8	51.0	50.9	51.0	51.1	51.0	50.9	51.0	50.8	51.0	50.9
77°	48.3	48.4	48.4	48.5	48.4	48.5	48.4	48.4	48.3	48.4	48.4
77.5°	45.8	45.8	45.9	45.9	45.8	45.9	45.9	45.8	45.8	45.8	45.9
78°	43.2	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.2	43.4	43.4
78.5°	40.7	40.9	40.9	41.0	41.0	41.0	40.9	40.9	40.7	40.9	40.9
79°	38.2	38.4	38.4	38.5	38.5	38.5	38.4	38.4	38.2	38.4	38.4
79.5°	35.8	36.0	36.0	36.1	36.0	36.1	36.0	36.0	35.8	36.0	36.0
80°	33.5	33.6	33.7	33.7	33.7	33.7	33.7	33.6	33.5	33.6	33.7
80.5°	31.2	31.3	31.3	31.3	31.4	31.3	31.3	31.3	31.2	31.3	31.3
81°	29.0	29.0	29.0	29.1	29.1	29.1	29.0	29.0	29.0	29.0	29.0
81.5°	26.7	26.7	26.8	26.7	26.8	26.7	26.8	26.7	26.7	26.7	26.8
82°	24.4	24.5	24.5	24.5	24.6	24.5	24.5	24.5	24.4	24.5	24.5
82.5°	22.2	22.3	22.3	22.4	22.5	22.4	22.3	22.3	22.2	22.3	22.3
83°	20.0	20.1	20.2	20.3	20.3	20.3	20.2	20.1	20.0	20.1	20.2
83.5°	17.9	18.0	18.2	18.2	18.2	18.2	18.2	18.0	17.9	18.0	18.2
84°	15.9	16.1	16.2	16.3	16.2	16.3	16.2	16.1	15.9	16.1	16.2
84.5°	14.2	14.2	14.3	14.4	14.3	14.4	14.3	14.2	14.2	14.2	14.3
85°	12.4	12.5	12.5	12.6	12.5	12.6	12.5	12.5	12.4	12.5	12.5
85.5°	10.6	10.8	10.9	11.0	10.9	11.0	10.9	10.8	10.6	10.8	10.9
86°	9.1	9.2	9.3	9.4	9.3	9.4	9.3	9.2	9.1	9.2	9.3
86.5°	7.6	7.7	7.9	8.0	7.8	8.0	7.9	7.7	7.6	7.7	7.9
87°	6.3	6.4	6.6	6.7	6.5	6.7	6.6	6.4	6.3	6.4	6.6
87.5°	5.1	5.2	5.4	5.5	5.4	5.5	5.4	5.2	5.1	5.2	5.4
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	3.5	3.5	3.4	3.5	3.5	3.3	3.2	3.3	3.5

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

Scaled Data Report



TEST NUMBER: P997210
CATALOG NUMBER: SMX6SLSFS010-900LM-5000K

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: P997210

CATALOG NUMBER: SMX6SLSFS010-900LM-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	297.8	297.8	297.8	297.8	297.8	297.8
0.5°	298.0	297.8	298.0	297.9	298.0	297.4
1°	297.8	297.9	297.8	297.9	298.1	297.4
1.5°	297.8	298.0	297.8	298.0	297.8	297.4
2°	297.6	297.9	297.6	297.8	297.7	297.2
2.5°	297.6	297.4	297.6	297.7	297.7	297.1
3°	297.6	297.4	297.6	297.3	297.7	296.9
3.5°	297.4	297.5	297.4	296.9	297.4	296.9
4°	297.1	297.3	297.1	296.8	297.2	296.6
4.5°	296.8	297.2	296.8	296.8	296.8	296.4
5°	296.6	296.8	296.6	296.5	296.8	296.0
5.5°	296.5	296.3	296.5	296.3	296.6	295.8
6°	296.0	296.2	296.0	295.9	296.2	295.7
6.5°	295.7	295.7	295.7	295.6	295.9	295.5
7°	295.3	295.7	295.3	295.1	295.5	295.2
7.5°	295.0	295.1	295.0	294.9	295.2	294.6
8°	294.4	294.8	294.4	294.5	294.7	294.3
8.5°	294.2	294.3	294.2	294.0	294.4	293.9
9°	293.9	293.9	293.9	293.5	294.1	293.4
9.5°	293.2	293.0	293.2	293.0	293.3	292.8
10°	292.9	292.9	292.9	292.4	293.1	292.3
10.5°	292.5	292.5	292.5	292.1	292.5	291.8
11°	292.0	292.1	292.0	291.7	291.9	291.5
11.5°	291.2	291.5	291.2	291.2	291.4	290.9
12°	290.7	290.8	290.7	290.4	290.8	290.5
12.5°	290.1	290.0	290.1	289.9	290.3	290.0
13°	289.4	289.7	289.4	289.4	289.7	289.1
13.5°	288.9	288.7	288.9	288.6	288.8	288.4
14°	288.1	288.1	288.1	288.0	288.3	287.9
14.5°	287.4	287.3	287.4	287.1	287.5	287.0
15°	286.7	286.6	286.7	286.5	286.8	286.3
15.5°	285.9	285.5	285.9	285.8	286.0	285.4
16°	285.2	285.2	285.2	284.7	285.4	284.6
16.5°	284.2	284.3	284.2	284.1	284.3	283.5
17°	283.4	283.5	283.4	283.5	283.4	283.0
17.5°	282.7	282.5	282.7	282.7	282.5	282.2
18°	281.7	281.8	281.7	281.6	281.9	281.0
18.5°	281.0	280.5	281.0	280.8	281.0	280.6
19°	279.9	279.9	279.9	279.7	280.3	279.6
19.5°	278.9	279.0	278.9	278.9	279.0	278.7
20°	278.1	278.1	278.1	277.8	278.2	277.7
20.5°	277.0	276.9	277.0	276.9	276.9	276.6
21°	275.8	276.0	275.8	275.9	275.9	275.4

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997210

CATALOG NUMBER: SMX6SLSFS010-900LM-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	272.7	273.0	272.7	272.6	272.8	272.5
23°	271.4	271.7	271.4	271.5	271.3	271.1
23.5°	270.5	270.4	270.5	270.1	270.7	270.0
24°	269.3	269.5	269.3	269.4	269.5	268.7
24.5°	268.2	268.0	268.2	268.2	268.4	267.8
25°	266.9	267.0	266.9	266.8	267.2	266.7
25.5°	265.7	265.7	265.7	265.7	265.9	265.4
26°	264.3	264.7	264.3	264.4	264.6	264.1
26.5°	263.0	263.2	263.0	263.1	263.4	263.1
27°	261.9	262.3	261.9	261.7	262.0	261.4
27.5°	260.7	260.6	260.7	260.6	260.7	260.6
28°	259.3	259.2	259.3	259.3	259.3	258.9
28.5°	258.1	257.8	258.1	257.9	258.1	257.7
29°	256.7	256.6	256.7	256.8	256.8	256.4
29.5°	255.3	255.3	255.3	255.2	255.3	254.5
30°	253.8	253.6	253.8	253.6	253.9	253.4
30.5°	252.2	252.5	252.2	252.4	252.6	252.2
31°	251.0	251.0	251.0	250.6	251.1	250.5
31.5°	249.6	249.3	249.6	249.2	249.6	249.2
32°	248.1	248.2	248.1	247.7	248.1	247.5
32.5°	246.7	246.5	246.7	246.4	246.4	246.3
33°	244.9	244.9	244.9	244.8	245.2	244.5
33.5°	243.2	243.5	243.2	243.4	243.7	243.4
34°	241.9	241.7	241.9	241.9	242.0	241.6
34.5°	240.3	240.1	240.3	240.1	240.5	239.9
35°	238.8	238.6	238.8	238.6	238.8	238.3
35.5°	236.9	237.2	236.9	236.9	237.1	236.9
36°	235.5	235.5	235.5	235.2	235.4	235.0
36.5°	233.9	233.8	233.9	233.6	233.7	233.5
37°	231.9	232.1	231.9	231.8	232.0	231.8
37.5°	230.3	230.3	230.3	230.4	230.3	230.1
38°	228.6	228.4	228.6	228.5	228.7	228.2
38.5°	226.9	226.8	226.9	226.8	226.8	226.6
39°	225.1	224.9	225.1	225.1	224.9	224.9
39.5°	223.3	223.4	223.3	223.4	223.2	222.9
40°	221.5	221.5	221.5	221.4	221.4	221.3
40.5°	219.6	219.6	219.6	219.6	219.8	219.5
41°	218.0	217.8	218.0	217.7	217.9	217.5
41.5°	216.0	215.9	216.0	215.8	216.1	215.5
42°	214.1	213.9	214.1	214.0	214.3	213.7
42.5°	212.2	212.2	212.2	212.1	212.3	211.8
43°	210.3	210.2	210.3	210.1	210.4	210.0
43.5°	208.4	208.4	208.4	208.4	208.5	208.1

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997210

CATALOG NUMBER: SMX6SLSFS010-900LM-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	202.7	202.5	202.7	202.5	202.6	202.1
45.5°	200.5	200.6	200.5	200.5	200.6	200.1
46°	198.5	198.5	198.5	198.5	198.4	198.4
46.5°	196.6	196.5	196.6	196.3	196.7	196.2
47°	194.5	194.3	194.5	194.3	194.5	194.1
47.5°	192.5	192.5	192.5	192.2	192.6	192.1
48°	190.4	190.4	190.4	190.1	190.4	190.1
48.5°	188.3	188.2	188.3	188.1	188.5	188.0
49°	186.2	186.0	186.2	186.0	186.2	185.8
49.5°	184.0	183.9	184.0	183.9	184.1	183.6
50°	182.0	182.0	182.0	181.8	181.9	181.6
50.5°	179.8	179.8	179.8	179.6	179.8	179.4
51°	177.6	177.6	177.6	177.4	177.6	177.3
51.5°	175.5	175.4	175.5	175.2	175.4	175.0
52°	173.3	173.1	173.3	173.0	173.2	172.9
52.5°	171.1	171.0	171.1	170.8	171.1	170.7
53°	168.8	168.8	168.8	168.5	168.8	168.6
53.5°	166.5	166.6	166.5	166.3	166.5	166.2
54°	164.2	164.2	164.2	164.1	164.3	163.9
54.5°	162.0	162.0	162.0	161.8	162.0	161.7
55°	159.7	159.8	159.7	159.6	159.7	159.5
55.5°	157.3	157.4	157.3	157.3	157.5	157.2
56°	155.1	155.0	155.1	155.0	155.1	154.8
56.5°	152.7	152.7	152.7	152.7	152.8	152.5
57°	150.4	150.2	150.4	150.3	150.5	150.1
57.5°	148.1	148.0	148.1	147.9	148.0	147.8
58°	145.6	145.7	145.6	145.5	145.7	145.5
58.5°	143.4	143.3	143.4	143.1	143.4	143.0
59°	140.8	140.8	140.8	140.7	140.9	140.5
59.5°	138.3	138.4	138.3	138.3	138.6	138.1
60°	135.9	136.0	135.9	135.9	136.1	135.9
60.5°	133.6	133.7	133.6	133.5	133.6	133.5
61°	131.1	131.1	131.1	131.0	131.2	131.0
61.5°	128.7	128.7	128.7	128.6	128.8	128.5
62°	126.1	126.2	126.1	126.1	126.3	126.1
62.5°	123.8	123.8	123.8	123.6	123.8	123.5
63°	121.2	121.1	121.2	121.1	121.3	121.0
63.5°	118.6	118.6	118.6	118.5	118.7	118.5
64°	116.1	116.2	116.1	116.0	116.2	116.0
64.5°	113.6	113.5	113.6	113.4	113.7	113.5
65°	111.1	111.2	111.1	110.9	111.0	110.9
65.5°	108.6	108.7	108.6	108.4	108.5	108.5
66°	105.9	105.8	105.9	105.8	106.0	105.8

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997210

CATALOG NUMBER: SMX6SLSFS010-900LM-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	98.2	98.3	98.2	98.2	98.2	98.2
68°	95.6	95.7	95.6	95.4	95.6	95.5
68.5°	93.0	93.0	93.0	92.8	93.1	92.9
69°	90.4	90.3	90.4	90.3	90.4	90.3
69.5°	87.7	87.8	87.7	87.6	87.6	87.6
70°	85.1	85.1	85.1	85.0	85.2	84.9
70.5°	82.5	82.4	82.5	82.4	82.6	82.4
71°	79.9	79.8	79.9	79.7	79.8	79.7
71.5°	77.2	77.1	77.2	77.1	77.2	77.1
72°	74.5	74.6	74.5	74.4	74.6	74.4
72.5°	71.9	72.0	71.9	71.7	72.0	71.8
73°	69.2	69.2	69.2	69.1	69.3	69.1
73.5°	66.6	66.6	66.6	66.6	66.7	66.4
74°	64.0	64.0	64.0	63.9	64.0	63.8
74.5°	61.3	61.4	61.3	61.3	61.4	61.2
75°	58.8	58.8	58.8	58.7	58.8	58.6
75.5°	56.2	56.2	56.2	56.2	56.3	56.0
76°	53.6	53.6	53.6	53.6	53.5	53.4
76.5°	51.0	51.1	51.0	50.9	51.0	50.8
77°	48.5	48.4	48.5	48.4	48.4	48.3
77.5°	45.9	45.8	45.9	45.9	45.8	45.8
78°	43.4	43.4	43.4	43.4	43.4	43.2
78.5°	41.0	41.0	41.0	40.9	40.9	40.7
79°	38.5	38.5	38.5	38.4	38.4	38.2
79.5°	36.1	36.0	36.1	36.0	36.0	35.8
80°	33.7	33.7	33.7	33.7	33.6	33.5
80.5°	31.3	31.4	31.3	31.3	31.3	31.2
81°	29.1	29.1	29.1	29.0	29.0	29.0
81.5°	26.7	26.8	26.7	26.8	26.7	26.7
82°	24.5	24.6	24.5	24.5	24.5	24.4
82.5°	22.4	22.5	22.4	22.3	22.3	22.2
83°	20.3	20.3	20.3	20.2	20.1	20.0
83.5°	18.2	18.2	18.2	18.2	18.0	17.9
84°	16.3	16.2	16.3	16.2	16.1	15.9
84.5°	14.4	14.3	14.4	14.3	14.2	14.2
85°	12.6	12.5	12.6	12.5	12.5	12.4
85.5°	11.0	10.9	11.0	10.9	10.8	10.6
86°	9.4	9.3	9.4	9.3	9.2	9.1
86.5°	8.0	7.8	8.0	7.9	7.7	7.6
87°	6.7	6.5	6.7	6.6	6.4	6.3
87.5°	5.5	5.4	5.5	5.4	5.2	5.1
88°	4.4	4.2	4.4	4.3	4.2	4.0
88.5°	3.5	3.4	3.5	3.5	3.3	3.2

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Scaled Data Report



TEST NUMBER: P997210
CATALOG NUMBER: SMX6SLSFS010-900LM-5000K

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

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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°	274.0	274.7	274.8	274.7	275.0	274.7	274.8	274.7	274.0	274.7	274.8
22°	273.3	273.9	273.7	273.8	274.0	273.8	273.7	273.9	273.3	273.9	273.7



44°	206.1	206.4	206.3	206.5	206.5	206.5	206.3	206.4	206.1	206.4	206.3
44.5°	204.1	204.6	204.5	204.5	204.6	204.5	204.5	204.6	204.1	204.6	204.5



66.5°	103.3	103.5	103.3	103.4	103.4	103.4	103.3	103.5	103.3	103.5	103.3
67°	100.7	100.8	100.7	100.7	100.8	100.7	100.7	100.8	100.7	100.8	100.7



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

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21.5°	274.7	275.0	274.7	274.8	274.7	274.0
22°	273.8	274.0	273.8	273.7	273.9	273.3

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44°	206.5	206.5	206.5	206.3	206.4	206.1
44.5°	204.5	204.6	204.5	204.5	204.6	204.1

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66.5°	103.4	103.4	103.4	103.3	103.5	103.3
67°	100.7	100.8	100.7	100.7	100.8	100.7

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

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(END OF REPORT)