

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: P997193

Luminaire Tested: **SMX6RLSFS010-900LM-3500K**

Issue Date: 3/11/2025



Test Information

Test Method: LM-41-14
Report Number: P997193
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (A2410866A001)
Test Lab:
Issue Date: 3/11/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: HALO
Catalog Number: SMX6RLSFS010-900LM-3500K
Description: 6IN ROUND, 90CRI, 0-10V DIMMING, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 3500K CCT
Ballast/Driver: -

Summary

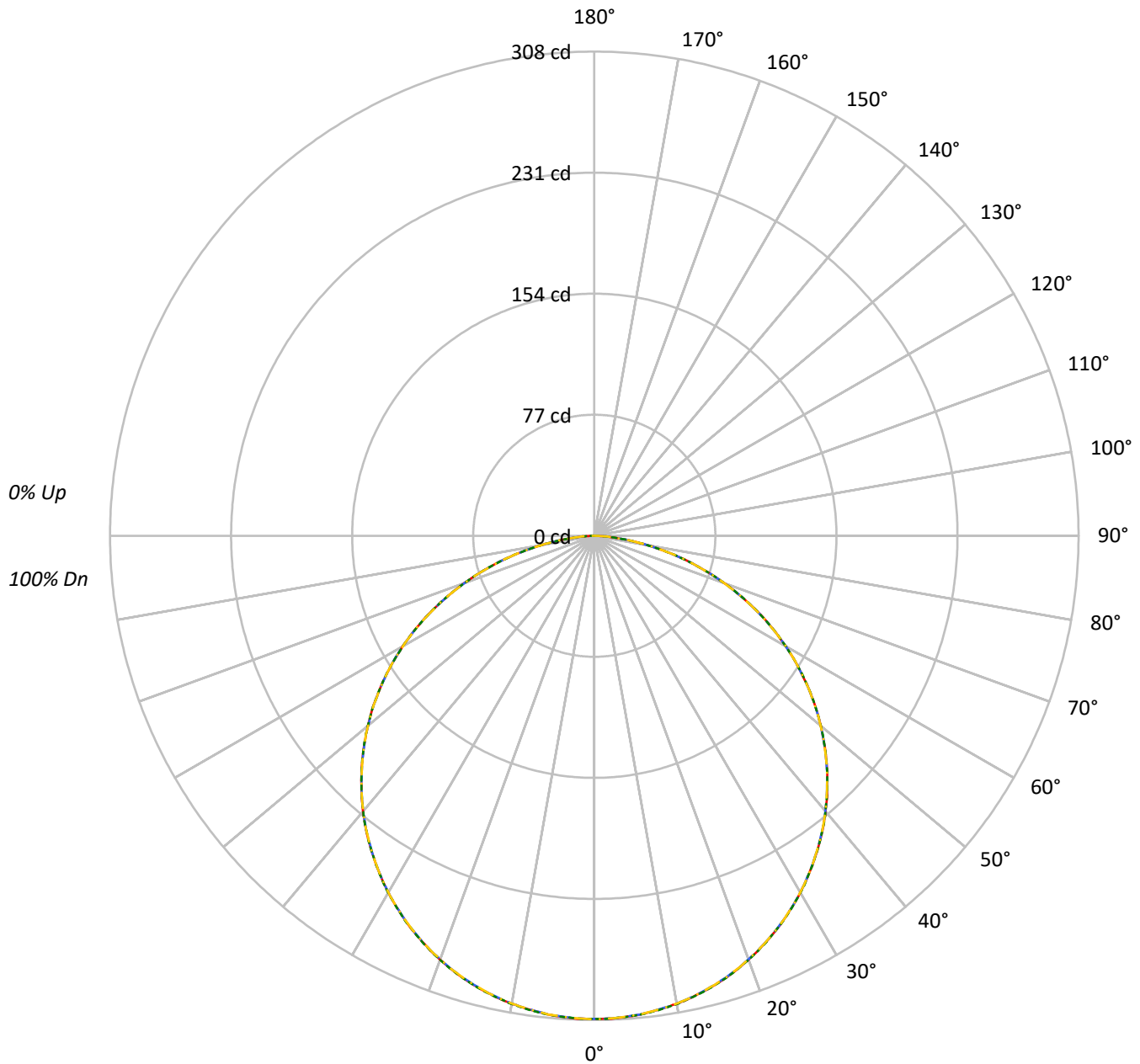
Lumens per Lamp: N/A
Luminaire Lumens: 895.0 lumens
Efficiency: N/A
Efficacy: 105.3 lumens/watt
Spacing Criteria (0/90/45): 1.27 / 1.27 / 1.39
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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



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	100	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	80	75	82	77	73	79	75	72	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	58	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	49	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°	16846	16846	16846	16846
5°	16856	16850	16856	16850
10°	16833	16833	16833	16833
15°	16794	16794	16794	16794
20°	16743	16743	16743	16743
25°	16676	16670	16676	16670
30°	16591	16597	16591	16597
35°	16490	16490	16490	16490
40°	16374	16366	16374	16366
45°	16234	16226	16234	16226
50°	16042	16034	16042	16034
55°	15780	15789	15780	15789
60°	15426	15426	15426	15426
65°	14904	14904	14904	14904
70°	14089	14073	14089	14073
75°	12836	12857	12836	12857
80°	10860	10828	10860	10828
85°	7737	7737	7737	7737



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	29.1	3.3
10°-20°	83.5	9.3
20°-30°	127.0	14.2
30°-40°	154.1	17.2
40°-50°	161.3	18.0
50°-60°	147.4	16.5
60°-70°	113.3	12.7
70°-80°	64.0	7.2
80°-90°	15.3	1.7
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°	239.6	26.8
0°-40°	393.6	44.0
0°-60°	702.3	78.5
0°-90°	895.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	895.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	307	307	307	307	307	
5°	306	306	306	306	306	29
15°	296	296	296	296	296	84
25°	276	276	276	276	276	127
35°	246	246	246	246	246	154
45°	209	209	209	209	209	161
55°	165	165	165	165	165	147
65°	115	115	115	115	115	113
75°	61	61	61	61	61	64
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°	307.3	307.3	307.3	307.3	307.3	307.3	307.3	307.3	307.3	307.3	307.3
0.5°	307.4	307.1	307.5	307.3	307.4	307.3	307.5	307.1	307.4	307.1	307.5
1°	307.3	307.1	307.3	307.4	307.4	307.4	307.3	307.1	307.3	307.1	307.3
1.5°	307.3	307.1	307.2	307.3	307.4	307.3	307.2	307.1	307.3	307.1	307.2
2°	307.5	307.0	307.2	307.2	307.2	307.2	307.2	307.0	307.5	307.0	307.2
2.5°	307.3	306.8	307.0	307.1	307.1	307.1	307.0	306.8	307.3	306.8	307.0
3°	307.1	306.8	306.9	307.0	306.9	307.0	306.9	306.8	307.1	306.8	306.9
3.5°	306.8	306.6	306.7	306.8	306.9	306.8	306.7	306.6	306.8	306.6	306.7
4°	306.5	306.4	306.5	306.6	306.7	306.6	306.5	306.4	306.5	306.4	306.5
4.5°	306.5	306.2	306.2	306.4	306.4	306.4	306.2	306.2	306.5	306.2	306.2
5°	306.3	305.9	306.0	306.2	306.2	306.2	306.0	305.9	306.3	305.9	306.0
5.5°	306.0	305.7	305.9	305.8	306.0	305.8	305.9	305.7	306.0	305.7	305.9
6°	305.6	305.3	305.4	305.5	305.7	305.5	305.4	305.3	305.6	305.3	305.4
6.5°	305.2	305.1	305.0	305.3	305.4	305.3	305.0	305.1	305.2	305.1	305.0
7°	304.7	304.7	304.7	304.8	305.0	304.8	304.7	304.7	304.7	304.7	304.7
7.5°	304.4	304.4	304.3	304.4	304.8	304.4	304.3	304.4	304.4	304.4	304.3
8°	304.0	304.0	303.9	304.0	304.2	304.0	303.9	304.0	304.0	304.0	303.9
8.5°	303.6	303.6	303.5	303.6	303.8	303.6	303.5	303.6	303.6	303.6	303.5
9°	303.3	303.2	303.1	303.2	303.4	303.2	303.1	303.2	303.3	303.2	303.1
9.5°	302.6	302.6	302.6	302.7	302.9	302.7	302.6	302.6	302.6	302.6	302.6
10°	302.4	302.1	302.1	302.2	302.4	302.2	302.1	302.1	302.4	302.1	302.1
10.5°	301.7	301.6	301.5	301.6	302.0	301.6	301.5	301.6	301.7	301.6	301.5
11°	301.4	301.0	301.0	301.1	301.2	301.1	301.0	301.0	301.4	301.0	301.0
11.5°	300.7	300.4	300.5	300.4	300.7	300.4	300.5	300.4	300.7	300.4	300.5
12°	300.1	299.8	299.8	299.9	300.1	299.9	299.8	299.8	300.1	299.8	299.8
12.5°	299.3	299.0	299.2	299.1	299.5	299.1	299.2	299.0	299.3	299.0	299.2
13°	298.7	298.5	298.6	298.5	298.8	298.5	298.6	298.5	298.7	298.5	298.6
13.5°	298.0	297.7	297.9	297.9	298.2	297.9	297.9	297.7	298.0	297.7	297.9
14°	297.4	297.0	297.1	297.2	297.5	297.2	297.1	297.0	297.4	297.0	297.1
14.5°	296.5	296.2	296.4	296.4	296.8	296.4	296.4	296.2	296.5	296.2	296.4
15°	295.9	295.5	295.7	295.7	295.9	295.7	295.7	295.5	295.9	295.5	295.7
15.5°	295.0	294.8	294.8	295.0	295.2	295.0	294.8	294.8	295.0	294.8	294.8
16°	294.4	294.1	294.0	294.2	294.4	294.2	294.0	294.1	294.4	294.1	294.0
16.5°	293.5	293.3	293.3	293.5	293.6	293.5	293.3	293.3	293.5	293.3	293.3
17°	292.7	292.3	292.4	292.5	292.6	292.5	292.4	292.3	292.7	292.3	292.4
17.5°	291.8	291.4	291.5	291.6	291.9	291.6	291.5	291.4	291.8	291.4	291.5
18°	290.9	290.6	290.6	290.8	290.9	290.8	290.6	290.6	290.9	290.6	290.6
18.5°	289.9	289.6	289.8	289.7	290.0	289.7	289.8	289.6	289.9	289.6	289.8
19°	289.0	288.7	288.8	288.9	289.0	288.9	288.8	288.7	289.0	288.7	288.8
19.5°	287.9	287.7	287.7	287.9	288.0	287.9	287.7	287.7	287.9	287.7	287.7
20°	287.0	286.6	286.7	286.9	287.0	286.9	286.7	286.6	287.0	286.6	286.7
20.5°	285.8	285.6	285.7	285.9	286.0	285.9	285.7	285.6	285.8	285.6	285.7
21°	284.9	284.6	284.7	284.8	285.0	284.8	284.7	284.6	284.9	284.6	284.7

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CATALOG NUMBER: SMX6RLSFS010-900LM-3500K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
22.5°	281.5	281.3	281.4	281.4	281.7	281.4	281.4	281.3	281.5	281.3	281.4
23°	280.4	280.2	280.2	280.3	280.5	280.3	280.2	280.2	280.4	280.2	280.2
23.5°	279.2	279.1	279.0	279.1	279.3	279.1	279.0	279.1	279.2	279.1	279.0
24°	278.1	277.8	277.8	277.9	278.1	277.9	277.8	277.8	278.1	277.8	277.8
24.5°	276.8	276.6	276.7	276.7	276.9	276.7	276.7	276.6	276.8	276.6	276.7
25°	275.7	275.5	275.5	275.4	275.6	275.4	275.5	275.5	275.7	275.5	275.5
25.5°	274.4	274.2	274.2	274.2	274.4	274.2	274.2	274.2	274.4	274.2	274.2
26°	273.1	272.9	272.9	272.9	273.2	272.9	272.9	272.9	273.1	272.9	272.9
26.5°	271.7	271.6	271.7	271.6	271.9	271.6	271.7	271.6	271.7	271.6	271.7
27°	270.4	270.2	270.3	270.3	270.5	270.3	270.3	270.2	270.4	270.2	270.3
27.5°	269.0	269.0	268.9	269.0	269.1	269.0	268.9	269.0	269.0	269.0	268.9
28°	267.7	267.5	267.6	267.6	267.8	267.6	267.6	267.5	267.7	267.5	267.6
28.5°	266.4	266.1	266.3	266.2	266.4	266.2	266.3	266.1	266.4	266.1	266.3
29°	265.0	264.7	264.8	264.9	265.0	264.9	264.8	264.7	265.0	264.7	264.8
29.5°	263.5	263.3	263.4	263.4	263.6	263.4	263.4	263.3	263.5	263.3	263.4
30°	262.1	261.9	261.9	262.0	262.2	262.0	261.9	261.9	262.1	261.9	261.9
30.5°	260.6	260.4	260.4	260.5	260.7	260.5	260.4	260.4	260.6	260.4	260.4
31°	259.1	258.9	258.9	259.0	259.3	259.0	258.9	258.9	259.1	258.9	258.9
31.5°	257.5	257.3	257.4	257.4	257.7	257.4	257.4	257.3	257.5	257.3	257.4
32°	256.0	255.8	255.8	255.9	256.0	255.9	255.8	255.8	256.0	255.8	255.8
32.5°	254.4	254.3	254.4	254.3	254.5	254.3	254.4	254.3	254.4	254.3	254.4
33°	252.8	252.7	252.8	252.8	252.9	252.8	252.8	252.7	252.8	252.7	252.8
33.5°	251.3	251.1	251.1	251.1	251.3	251.1	251.1	251.1	251.3	251.1	251.1
34°	249.6	249.5	249.5	249.5	249.7	249.5	249.5	249.5	249.6	249.5	249.5
34.5°	248.0	247.8	247.8	247.9	248.0	247.9	247.8	247.8	248.0	247.8	247.8
35°	246.4	246.1	246.2	246.3	246.4	246.3	246.2	246.1	246.4	246.1	246.2
35.5°	244.7	244.4	244.5	244.6	244.7	244.6	244.5	244.4	244.7	244.4	244.5
36°	242.9	242.7	242.8	242.9	243.1	242.9	242.8	242.7	242.9	242.7	242.8
36.5°	241.3	241.1	241.2	241.2	241.4	241.2	241.2	241.1	241.3	241.1	241.2
37°	239.7	239.4	239.4	239.5	239.6	239.5	239.4	239.4	239.7	239.4	239.4
37.5°	237.9	237.7	237.8	237.7	237.8	237.7	237.8	237.7	237.9	237.7	237.8
38°	236.1	235.9	236.0	236.1	236.1	236.1	236.0	235.9	236.1	235.9	236.0
38.5°	234.3	234.2	234.1	234.2	234.3	234.2	234.1	234.2	234.3	234.2	234.1
39°	232.5	232.4	232.3	232.4	232.6	232.4	232.3	232.4	232.5	232.4	232.3
39.5°	230.7	230.6	230.4	230.7	230.7	230.7	230.4	230.6	230.7	230.6	230.4
40°	228.8	228.7	228.6	228.7	228.7	228.7	228.6	228.7	228.8	228.7	228.6
40.5°	226.9	226.8	226.7	226.8	226.8	226.8	226.7	226.8	226.9	226.8	226.7
41°	225.1	224.8	224.9	224.9	224.9	224.9	224.9	224.8	225.1	224.8	224.9
41.5°	223.3	223.0	222.9	223.0	223.1	223.0	222.9	223.0	223.3	223.0	222.9
42°	221.3	221.0	221.0	221.0	221.2	221.0	221.0	221.0	221.3	221.0	221.0
42.5°	219.2	219.0	219.1	219.0	219.2	219.0	219.1	219.0	219.2	219.0	219.1
43°	217.3	217.1	217.1	217.1	217.2	217.1	217.1	217.1	217.3	217.1	217.1
43.5°	215.3	215.1	215.1	215.2	215.3	215.2	215.1	215.1	215.3	215.1	215.1

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	209.4	209.1	209.1	209.1	209.3	209.1	209.1	209.1	209.4	209.1	209.1
45.5°	207.2	207.0	207.0	207.1	207.2	207.1	207.0	207.0	207.2	207.0	207.0
46°	205.0	205.0	205.0	205.1	205.1	205.1	205.0	205.0	205.0	205.0	205.0
46.5°	203.0	202.9	202.9	203.0	203.1	203.0	202.9	202.9	203.0	202.9	202.9
47°	200.9	200.9	200.8	200.9	200.9	200.9	200.8	200.9	200.9	200.9	200.8
47.5°	198.8	198.6	198.6	198.7	198.8	198.7	198.6	198.6	198.8	198.6	198.6
48°	196.6	196.4	196.6	196.6	196.7	196.6	196.6	196.4	196.6	196.4	196.6
48.5°	194.4	194.3	194.3	194.5	194.6	194.5	194.3	194.3	194.4	194.3	194.3
49°	192.3	192.2	192.3	192.2	192.4	192.2	192.3	192.2	192.3	192.2	192.3
49.5°	190.1	190.0	190.1	190.0	190.2	190.0	190.1	190.0	190.1	190.0	190.1
50°	188.1	187.8	187.8	187.9	188.0	187.9	187.8	187.8	188.1	187.8	187.8
50.5°	185.8	185.6	185.6	185.7	185.7	185.7	185.6	185.6	185.8	185.6	185.6
51°	183.5	183.4	183.5	183.5	183.6	183.5	183.5	183.4	183.5	183.4	183.5
51.5°	181.4	181.3	181.3	181.2	181.4	181.2	181.3	181.3	181.4	181.3	181.3
52°	179.2	179.0	179.0	179.0	179.2	179.0	179.0	179.0	179.2	179.0	179.0
52.5°	176.9	176.7	176.7	176.7	176.9	176.7	176.7	176.7	176.9	176.7	176.7
53°	174.5	174.4	174.4	174.4	174.5	174.4	174.4	174.4	174.5	174.4	174.4
53.5°	172.2	172.2	172.0	172.1	172.2	172.1	172.0	172.2	172.2	172.2	172.0
54°	169.8	169.8	169.7	169.6	169.9	169.6	169.7	169.8	169.8	169.8	169.7
54.5°	167.4	167.4	167.4	167.4	167.5	167.4	167.4	167.4	167.4	167.4	167.4
55°	165.1	165.0	165.0	165.0	165.2	165.0	165.0	165.0	165.1	165.0	165.0
55.5°	162.6	162.6	162.7	162.6	162.8	162.6	162.7	162.6	162.6	162.6	162.7
56°	160.2	160.2	160.3	160.3	160.5	160.3	160.3	160.2	160.2	160.2	160.3
56.5°	157.8	157.8	157.8	157.8	158.1	157.8	157.8	157.8	157.8	157.8	157.8
57°	155.4	155.4	155.5	155.4	155.5	155.4	155.5	155.4	155.4	155.4	155.5
57.5°	153.0	153.1	153.0	153.0	153.1	153.0	153.0	153.1	153.0	153.1	153.0
58°	150.7	150.5	150.6	150.6	150.7	150.6	150.6	150.5	150.7	150.5	150.6
58.5°	148.2	148.0	148.1	148.1	148.2	148.1	148.1	148.0	148.2	148.0	148.1
59°	145.7	145.6	145.6	145.6	145.7	145.6	145.6	145.6	145.7	145.6	145.6
59.5°	143.1	143.0	143.0	143.0	143.1	143.0	143.0	143.0	143.1	143.0	143.0
60°	140.7	140.5	140.6	140.5	140.7	140.5	140.6	140.5	140.7	140.5	140.6
60.5°	138.0	138.0	138.0	138.0	138.0	138.0	138.0	138.0	138.0	138.0	138.0
61°	135.4	135.5	135.5	135.4	135.5	135.4	135.5	135.5	135.4	135.5	135.5
61.5°	133.0	133.0	132.9	132.9	133.1	132.9	132.9	133.0	133.0	133.0	132.9
62°	130.5	130.4	130.4	130.4	130.5	130.4	130.4	130.4	130.5	130.4	130.4
62.5°	127.9	127.8	127.7	127.8	127.8	127.8	127.7	127.8	127.9	127.8	127.7
63°	125.3	125.3	125.2	125.1	125.3	125.1	125.2	125.3	125.3	125.3	125.2
63.5°	122.8	122.6	122.6	122.6	122.7	122.6	122.6	122.6	122.8	122.6	122.6
64°	120.2	120.0	120.0	120.0	120.1	120.0	120.0	120.0	120.2	120.0	120.0
64.5°	117.6	117.4	117.3	117.4	117.4	117.4	117.3	117.4	117.6	117.4	117.3
65°	114.9	114.8	114.7	114.7	114.9	114.7	114.7	114.8	114.9	114.8	114.7
65.5°	112.3	112.1	112.0	112.0	112.1	112.0	112.0	112.1	112.3	112.1	112.0
66°	109.5	109.4	109.3	109.4	109.5	109.4	109.3	109.4	109.5	109.4	109.3

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997193

CATALOG NUMBER: SMX6RLSFS010-900LM-3500K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	101.3	101.4	101.3	101.3	101.4	101.3	101.3	101.4	101.3	101.4	101.3
68°	98.7	98.7	98.6	98.6	98.7	98.6	98.6	98.7	98.7	98.7	98.6
68.5°	96.0	96.0	95.9	96.0	96.1	96.0	95.9	96.0	96.0	96.0	95.9
69°	93.3	93.2	93.2	93.2	93.4	93.2	93.2	93.2	93.3	93.2	93.2
69.5°	90.6	90.5	90.5	90.5	90.6	90.5	90.5	90.5	90.6	90.5	90.5
70°	87.9	87.8	87.8	87.7	87.8	87.7	87.8	87.8	87.9	87.8	87.8
70.5°	85.1	85.0	85.0	85.0	85.2	85.0	85.0	85.0	85.1	85.0	85.0
71°	82.4	82.3	82.3	82.3	82.4	82.3	82.3	82.3	82.4	82.3	82.3
71.5°	79.6	79.5	79.6	79.5	79.7	79.5	79.6	79.5	79.6	79.5	79.6
72°	76.9	76.8	76.8	76.8	77.0	76.8	76.8	76.8	76.9	76.8	76.8
72.5°	74.2	74.1	74.1	74.1	74.2	74.1	74.1	74.1	74.2	74.1	74.1
73°	71.5	71.4	71.4	71.3	71.5	71.3	71.4	71.4	71.5	71.4	71.4
73.5°	68.7	68.7	68.7	68.7	68.8	68.7	68.7	68.7	68.7	68.7	68.7
74°	66.0	66.1	66.1	66.0	66.1	66.0	66.1	66.1	66.0	66.1	66.1
74.5°	63.3	63.3	63.3	63.3	63.4	63.3	63.3	63.3	63.3	63.3	63.3
75°	60.6	60.6	60.6	60.6	60.7	60.6	60.6	60.6	60.6	60.6	60.6
75.5°	57.9	57.9	57.9	57.9	58.0	57.9	57.9	57.9	57.9	57.9	57.9
76°	55.2	55.2	55.2	55.2	55.3	55.2	55.2	55.2	55.2	55.2	55.2
76.5°	52.5	52.5	52.6	52.5	52.6	52.5	52.6	52.5	52.5	52.5	52.6
77°	49.9	49.9	49.9	49.9	50.0	49.9	49.9	49.9	49.9	49.9	49.9
77.5°	47.3	47.2	47.3	47.2	47.3	47.2	47.3	47.2	47.3	47.2	47.3
78°	44.6	44.6	44.6	44.6	44.7	44.6	44.6	44.6	44.6	44.6	44.6
78.5°	42.1	42.0	42.0	42.0	42.1	42.0	42.0	42.0	42.1	42.0	42.0
79°	39.4	39.4	39.4	39.4	39.5	39.4	39.4	39.4	39.4	39.4	39.4
79.5°	36.9	36.8	36.8	36.8	36.9	36.8	36.8	36.8	36.9	36.8	36.8
80°	34.4	34.3	34.3	34.2	34.3	34.2	34.3	34.3	34.4	34.3	34.3
80.5°	31.8	31.9	31.9	31.8	31.8	31.8	31.9	31.9	31.8	31.9	31.9
81°	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
81.5°	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
82°	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7
82.5°	22.4	22.4	22.5	22.5	22.4	22.5	22.5	22.4	22.4	22.4	22.5
83°	20.3	20.2	20.3	20.3	20.3	20.3	20.3	20.2	20.3	20.2	20.3
83.5°	18.1	18.1	18.2	18.1	18.1	18.1	18.2	18.1	18.1	18.1	18.2
84°	16.1	16.1	16.1	16.2	16.1	16.2	16.1	16.1	16.1	16.1	16.1
84.5°	14.3	14.2	14.2	14.3	14.2	14.3	14.2	14.2	14.3	14.2	14.2
85°	12.3	12.3	12.4	12.4	12.3	12.4	12.4	12.3	12.3	12.3	12.4
85.5°	10.5	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.5	10.6	10.6
86°	9.0	9.0	9.0	9.0	8.9	9.0	9.0	9.0	9.0	9.0	9.0
86.5°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
87°	6.1	6.1	6.1	6.1	6.0	6.1	6.1	6.1	6.1	6.1	6.1
87.5°	4.8	4.8	4.9	4.9	4.8	4.9	4.9	4.8	4.8	4.8	4.9
88°	3.7	3.8	3.8	3.7	3.7	3.7	3.8	3.8	3.7	3.8	3.8
88.5°	2.8	2.8	2.8	2.8	2.7	2.8	2.8	2.8	2.8	2.8	2.8

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

Scaled Data Report



TEST NUMBER: P997193
CATALOG NUMBER: SMX6RLSFS010-900LM-3500K

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: P997193

CATALOG NUMBER: SMX6RLSFS010-900LM-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	307.3	307.3	307.3	307.3	307.3	307.3
0.5°	307.3	307.4	307.3	307.5	307.1	307.4
1°	307.4	307.4	307.4	307.3	307.1	307.3
1.5°	307.3	307.4	307.3	307.2	307.1	307.3
2°	307.2	307.2	307.2	307.2	307.0	307.5
2.5°	307.1	307.1	307.1	307.0	306.8	307.3
3°	307.0	306.9	307.0	306.9	306.8	307.1
3.5°	306.8	306.9	306.8	306.7	306.6	306.8
4°	306.6	306.7	306.6	306.5	306.4	306.5
4.5°	306.4	306.4	306.4	306.2	306.2	306.5
5°	306.2	306.2	306.2	306.0	305.9	306.3
5.5°	305.8	306.0	305.8	305.9	305.7	306.0
6°	305.5	305.7	305.5	305.4	305.3	305.6
6.5°	305.3	305.4	305.3	305.0	305.1	305.2
7°	304.8	305.0	304.8	304.7	304.7	304.7
7.5°	304.4	304.8	304.4	304.3	304.4	304.4
8°	304.0	304.2	304.0	303.9	304.0	304.0
8.5°	303.6	303.8	303.6	303.5	303.6	303.6
9°	303.2	303.4	303.2	303.1	303.2	303.3
9.5°	302.7	302.9	302.7	302.6	302.6	302.6
10°	302.2	302.4	302.2	302.1	302.1	302.4
10.5°	301.6	302.0	301.6	301.5	301.6	301.7
11°	301.1	301.2	301.1	301.0	301.0	301.4
11.5°	300.4	300.7	300.4	300.5	300.4	300.7
12°	299.9	300.1	299.9	299.8	299.8	300.1
12.5°	299.1	299.5	299.1	299.2	299.0	299.3
13°	298.5	298.8	298.5	298.6	298.5	298.7
13.5°	297.9	298.2	297.9	297.9	297.7	298.0
14°	297.2	297.5	297.2	297.1	297.0	297.4
14.5°	296.4	296.8	296.4	296.4	296.2	296.5
15°	295.7	295.9	295.7	295.7	295.5	295.9
15.5°	295.0	295.2	295.0	294.8	294.8	295.0
16°	294.2	294.4	294.2	294.0	294.1	294.4
16.5°	293.5	293.6	293.5	293.3	293.3	293.5
17°	292.5	292.6	292.5	292.4	292.3	292.7
17.5°	291.6	291.9	291.6	291.5	291.4	291.8
18°	290.8	290.9	290.8	290.6	290.6	290.9
18.5°	289.7	290.0	289.7	289.8	289.6	289.9
19°	288.9	289.0	288.9	288.8	288.7	289.0
19.5°	287.9	288.0	287.9	287.7	287.7	287.9
20°	286.9	287.0	286.9	286.7	286.6	287.0
20.5°	285.9	286.0	285.9	285.7	285.6	285.8
21°	284.8	285.0	284.8	284.7	284.6	284.9

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997193

CATALOG NUMBER: SMX6RLSFS010-900LM-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	281.4	281.7	281.4	281.4	281.3	281.5
23°	280.3	280.5	280.3	280.2	280.2	280.4
23.5°	279.1	279.3	279.1	279.0	279.1	279.2
24°	277.9	278.1	277.9	277.8	277.8	278.1
24.5°	276.7	276.9	276.7	276.7	276.6	276.8
25°	275.4	275.6	275.4	275.5	275.5	275.7
25.5°	274.2	274.4	274.2	274.2	274.2	274.4
26°	272.9	273.2	272.9	272.9	272.9	273.1
26.5°	271.6	271.9	271.6	271.7	271.6	271.7
27°	270.3	270.5	270.3	270.3	270.2	270.4
27.5°	269.0	269.1	269.0	268.9	269.0	269.0
28°	267.6	267.8	267.6	267.6	267.5	267.7
28.5°	266.2	266.4	266.2	266.3	266.1	266.4
29°	264.9	265.0	264.9	264.8	264.7	265.0
29.5°	263.4	263.6	263.4	263.4	263.3	263.5
30°	262.0	262.2	262.0	261.9	261.9	262.1
30.5°	260.5	260.7	260.5	260.4	260.4	260.6
31°	259.0	259.3	259.0	258.9	258.9	259.1
31.5°	257.4	257.7	257.4	257.4	257.3	257.5
32°	255.9	256.0	255.9	255.8	255.8	256.0
32.5°	254.3	254.5	254.3	254.4	254.3	254.4
33°	252.8	252.9	252.8	252.8	252.7	252.8
33.5°	251.1	251.3	251.1	251.1	251.1	251.3
34°	249.5	249.7	249.5	249.5	249.5	249.6
34.5°	247.9	248.0	247.9	247.8	247.8	248.0
35°	246.3	246.4	246.3	246.2	246.1	246.4
35.5°	244.6	244.7	244.6	244.5	244.4	244.7
36°	242.9	243.1	242.9	242.8	242.7	242.9
36.5°	241.2	241.4	241.2	241.2	241.1	241.3
37°	239.5	239.6	239.5	239.4	239.4	239.7
37.5°	237.7	237.8	237.7	237.8	237.7	237.9
38°	236.1	236.1	236.1	236.0	235.9	236.1
38.5°	234.2	234.3	234.2	234.1	234.2	234.3
39°	232.4	232.6	232.4	232.3	232.4	232.5
39.5°	230.7	230.7	230.7	230.4	230.6	230.7
40°	228.7	228.7	228.7	228.6	228.7	228.8
40.5°	226.8	226.8	226.8	226.7	226.8	226.9
41°	224.9	224.9	224.9	224.9	224.8	225.1
41.5°	223.0	223.1	223.0	222.9	223.0	223.3
42°	221.0	221.2	221.0	221.0	221.0	221.3
42.5°	219.0	219.2	219.0	219.1	219.0	219.2
43°	217.1	217.2	217.1	217.1	217.1	217.3
43.5°	215.2	215.3	215.2	215.1	215.1	215.3

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997193

CATALOG NUMBER: SMX6RLSFS010-900LM-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	209.1	209.3	209.1	209.1	209.1	209.4
45.5°	207.1	207.2	207.1	207.0	207.0	207.2
46°	205.1	205.1	205.1	205.0	205.0	205.0
46.5°	203.0	203.1	203.0	202.9	202.9	203.0
47°	200.9	200.9	200.9	200.8	200.9	200.9
47.5°	198.7	198.8	198.7	198.6	198.6	198.8
48°	196.6	196.7	196.6	196.6	196.4	196.6
48.5°	194.5	194.6	194.5	194.3	194.3	194.4
49°	192.2	192.4	192.2	192.3	192.2	192.3
49.5°	190.0	190.2	190.0	190.1	190.0	190.1
50°	187.9	188.0	187.9	187.8	187.8	188.1
50.5°	185.7	185.7	185.7	185.6	185.6	185.8
51°	183.5	183.6	183.5	183.5	183.4	183.5
51.5°	181.2	181.4	181.2	181.3	181.3	181.4
52°	179.0	179.2	179.0	179.0	179.0	179.2
52.5°	176.7	176.9	176.7	176.7	176.7	176.9
53°	174.4	174.5	174.4	174.4	174.4	174.5
53.5°	172.1	172.2	172.1	172.0	172.2	172.2
54°	169.6	169.9	169.6	169.7	169.8	169.8
54.5°	167.4	167.5	167.4	167.4	167.4	167.4
55°	165.0	165.2	165.0	165.0	165.0	165.1
55.5°	162.6	162.8	162.6	162.7	162.6	162.6
56°	160.3	160.5	160.3	160.3	160.2	160.2
56.5°	157.8	158.1	157.8	157.8	157.8	157.8
57°	155.4	155.5	155.4	155.5	155.4	155.4
57.5°	153.0	153.1	153.0	153.0	153.1	153.0
58°	150.6	150.7	150.6	150.6	150.5	150.7
58.5°	148.1	148.2	148.1	148.1	148.0	148.2
59°	145.6	145.7	145.6	145.6	145.6	145.7
59.5°	143.0	143.1	143.0	143.0	143.0	143.1
60°	140.5	140.7	140.5	140.6	140.5	140.7
60.5°	138.0	138.0	138.0	138.0	138.0	138.0
61°	135.4	135.5	135.4	135.5	135.5	135.4
61.5°	132.9	133.1	132.9	132.9	133.0	133.0
62°	130.4	130.5	130.4	130.4	130.4	130.5
62.5°	127.8	127.8	127.8	127.7	127.8	127.9
63°	125.1	125.3	125.1	125.2	125.3	125.3
63.5°	122.6	122.7	122.6	122.6	122.6	122.8
64°	120.0	120.1	120.0	120.0	120.0	120.2
64.5°	117.4	117.4	117.4	117.3	117.4	117.6
65°	114.7	114.9	114.7	114.7	114.8	114.9
65.5°	112.0	112.1	112.0	112.0	112.1	112.3
66°	109.4	109.5	109.4	109.3	109.4	109.5

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997193

CATALOG NUMBER: SMX6RLSFS010-900LM-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	101.3	101.4	101.3	101.3	101.4	101.3
68°	98.6	98.7	98.6	98.6	98.7	98.7
68.5°	96.0	96.1	96.0	95.9	96.0	96.0
69°	93.2	93.4	93.2	93.2	93.2	93.3
69.5°	90.5	90.6	90.5	90.5	90.5	90.6
70°	87.7	87.8	87.7	87.8	87.8	87.9
70.5°	85.0	85.2	85.0	85.0	85.0	85.1
71°	82.3	82.4	82.3	82.3	82.3	82.4
71.5°	79.5	79.7	79.5	79.6	79.5	79.6
72°	76.8	77.0	76.8	76.8	76.8	76.9
72.5°	74.1	74.2	74.1	74.1	74.1	74.2
73°	71.3	71.5	71.3	71.4	71.4	71.5
73.5°	68.7	68.8	68.7	68.7	68.7	68.7
74°	66.0	66.1	66.0	66.1	66.1	66.0
74.5°	63.3	63.4	63.3	63.3	63.3	63.3
75°	60.6	60.7	60.6	60.6	60.6	60.6
75.5°	57.9	58.0	57.9	57.9	57.9	57.9
76°	55.2	55.3	55.2	55.2	55.2	55.2
76.5°	52.5	52.6	52.5	52.6	52.5	52.5
77°	49.9	50.0	49.9	49.9	49.9	49.9
77.5°	47.2	47.3	47.2	47.3	47.2	47.3
78°	44.6	44.7	44.6	44.6	44.6	44.6
78.5°	42.0	42.1	42.0	42.0	42.0	42.1
79°	39.4	39.5	39.4	39.4	39.4	39.4
79.5°	36.8	36.9	36.8	36.8	36.8	36.9
80°	34.2	34.3	34.2	34.3	34.3	34.4
80.5°	31.8	31.8	31.8	31.9	31.9	31.8
81°	29.4	29.4	29.4	29.4	29.4	29.4
81.5°	27.0	27.0	27.0	27.0	27.0	27.0
82°	24.7	24.7	24.7	24.7	24.7	24.7
82.5°	22.5	22.4	22.5	22.5	22.4	22.4
83°	20.3	20.3	20.3	20.3	20.2	20.3
83.5°	18.1	18.1	18.1	18.2	18.1	18.1
84°	16.2	16.1	16.2	16.1	16.1	16.1
84.5°	14.3	14.2	14.3	14.2	14.2	14.3
85°	12.4	12.3	12.4	12.4	12.3	12.3
85.5°	10.6	10.6	10.6	10.6	10.6	10.5
86°	9.0	8.9	9.0	9.0	9.0	9.0
86.5°	7.5	7.5	7.5	7.5	7.5	7.5
87°	6.1	6.0	6.1	6.1	6.1	6.1
87.5°	4.9	4.8	4.9	4.9	4.8	4.8
88°	3.7	3.7	3.7	3.8	3.8	3.7
88.5°	2.8	2.7	2.8	2.8	2.8	2.8

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Scaled Data Report



TEST NUMBER: P997193
CATALOG NUMBER: SMX6RLSFS010-900LM-3500K

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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Report Generated By 670245859 / DESKTOP-T8S5UU9

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

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21.5°	283.8	283.6	283.6	283.7	283.9	283.7	283.6	283.6	283.8	283.6	283.6
22°	282.6	282.5	282.5	282.6	282.7	282.6	282.5	282.5	282.6	282.5	282.5



44°	213.2	213.1	213.1	213.3	213.3	213.3	213.1	213.1	213.2	213.1	213.1
44.5°	211.3	211.2	211.1	211.2	211.3	211.2	211.1	211.2	211.3	211.2	211.1



66.5°	106.7	106.6	106.7	106.7	106.8	106.7	106.7	106.6	106.7	106.6	106.7
67°	104.0	104.0	104.0	104.1	104.0	104.0	104.0	104.0	104.0	104.0	104.0



89°	2.0	2.0	2.1	2.1	1.9	2.1	2.1	2.0	2.0	2.0	2.1
89.5°	1.4	1.4	1.3	1.4	1.4	1.4	1.3	1.4	1.4	1.4	1.3

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21.5°	283.7	283.9	283.7	283.6	283.6	283.8
22°	282.6	282.7	282.6	282.5	282.5	282.6

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44°	213.3	213.3	213.3	213.1	213.1	213.2
44.5°	211.2	211.3	211.2	211.1	211.2	211.3

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66.5°	106.7	106.8	106.7	106.7	106.6	106.7
67°	104.0	104.1	104.0	104.0	104.0	104.0

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89°	2.1	1.9	2.1	2.1	2.0	2.0
89.5°	1.4	1.4	1.4	1.3	1.4	1.4

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(END OF REPORT)