

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: P997195

Luminaire Tested: **SMX6RLSFS010-900LM-5000K**

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: P997195
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-5000K
Description: 6IN ROUND, 90CRI, 0-10V DIMMING, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 5000K CCT
Ballast/Driver: -

Summary

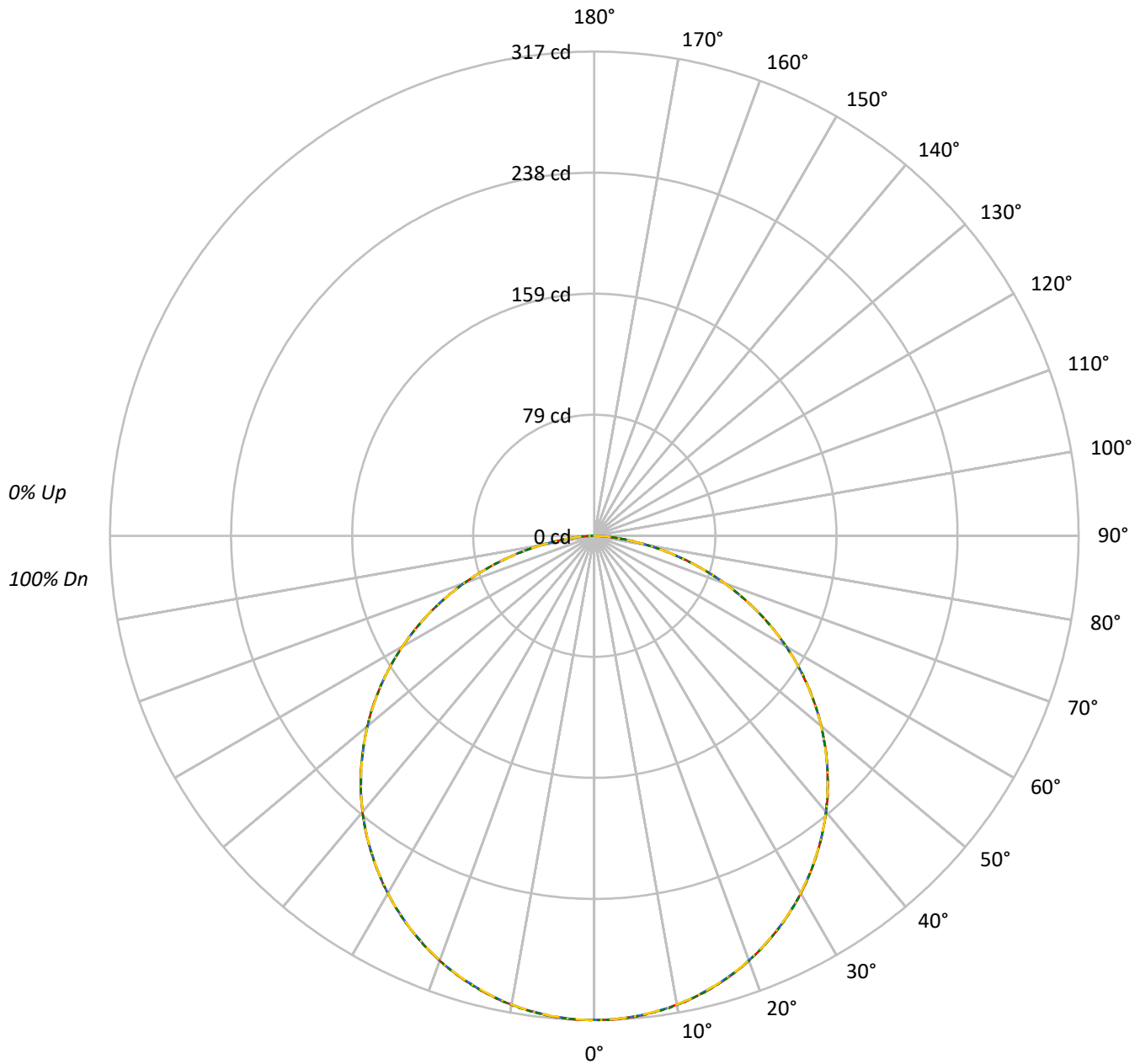
Lumens per Lamp: N/A
Luminaire Lumens: 923.2 lumens
Efficiency: N/A
Efficacy: 109.9 lumens/watt
Spacing Criteria (0/90/45): 1.27 / 1.27 / 1.39
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 8.4
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



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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°	17378	17378	17378	17378
5°	17384	17384	17384	17384
10°	17362	17362	17362	17362
15°	17321	17327	17321	17327
20°	17274	17268	17274	17268
25°	17197	17197	17197	17197
30°	17110	17117	17110	17117
35°	17005	17012	17005	17012
40°	16889	16882	16889	16882
45°	16746	16738	16746	16738
50°	16545	16537	16545	16537
55°	16277	16296	16277	16296
60°	15909	15909	15909	15909
65°	15371	15371	15371	15371
70°	14522	14522	14522	14522
75°	13238	13259	13238	13259
80°	11207	11176	11207	11176
85°	7988	7988	7988	7988



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.0	3.3
10°-20°	86.1	9.3
20°-30°	131.0	14.2
30°-40°	158.9	17.2
40°-50°	166.4	18.0
50°-60°	152.0	16.5
60°-70°	116.9	12.7
70°-80°	66.0	7.2
80°-90°	15.8	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°	247.1	26.8
0°-40°	406.0	44.0
0°-60°	724.5	78.5
0°-90°	923.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	923.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	317	317	317	317	317	
5°	316	316	316	316	316	30
15°	305	305	305	305	305	86
25°	284	284	284	284	284	131
35°	254	254	254	254	254	159
45°	216	216	216	216	216	166
55°	170	170	170	170	170	152
65°	118	118	118	118	118	117
75°	62	63	62	63	62	66
85°	13	13	13	13	13	16
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°	317.0	317.0	317.0	317.0	317.0	317.0	317.0	317.0	317.0	317.0	317.0
0.5°	317.1	316.8	317.1	317.0	317.1	317.0	317.1	316.8	317.1	316.8	317.1
1°	317.0	316.8	317.0	317.1	317.0	317.1	317.0	316.8	317.0	316.8	317.0
1.5°	316.9	316.7	316.9	317.0	317.1	317.0	316.9	316.7	316.9	316.7	316.9
2°	317.1	316.7	316.9	316.8	316.9	316.8	316.9	316.7	317.1	316.7	316.9
2.5°	316.9	316.5	316.7	316.8	316.8	316.8	316.7	316.5	316.9	316.5	316.7
3°	316.8	316.4	316.5	316.6	316.6	316.6	316.5	316.4	316.8	316.4	316.5
3.5°	316.4	316.2	316.3	316.5	316.5	316.5	316.3	316.2	316.4	316.2	316.3
4°	316.2	316.1	316.2	316.3	316.4	316.3	316.2	316.1	316.2	316.1	316.2
4.5°	316.2	315.9	315.9	316.0	316.0	316.0	315.9	315.9	316.2	315.9	315.9
5°	315.9	315.6	315.7	315.8	315.9	315.8	315.7	315.6	315.9	315.6	315.7
5.5°	315.6	315.3	315.5	315.5	315.6	315.5	315.5	315.3	315.6	315.3	315.5
6°	315.2	314.9	315.0	315.1	315.3	315.1	315.0	314.9	315.2	314.9	315.0
6.5°	314.8	314.7	314.6	314.9	315.0	314.9	314.6	314.7	314.8	314.7	314.6
7°	314.3	314.3	314.3	314.4	314.6	314.4	314.3	314.3	314.3	314.3	314.3
7.5°	314.0	314.0	313.9	314.0	314.4	314.0	313.9	314.0	314.0	314.0	313.9
8°	313.6	313.6	313.5	313.6	313.8	313.6	313.5	313.6	313.6	313.6	313.5
8.5°	313.1	313.1	313.1	313.2	313.4	313.2	313.1	313.1	313.1	313.1	313.1
9°	312.9	312.7	312.7	312.7	313.0	312.7	312.7	312.7	312.9	312.7	312.7
9.5°	312.1	312.1	312.1	312.3	312.5	312.3	312.1	312.1	312.1	312.1	312.1
10°	311.9	311.6	311.6	311.8	311.9	311.8	311.6	311.6	311.9	311.6	311.6
10.5°	311.2	311.1	311.0	311.1	311.5	311.1	311.0	311.1	311.2	311.1	311.0
11°	310.8	310.4	310.4	310.6	310.7	310.6	310.4	310.4	310.8	310.4	310.4
11.5°	310.1	309.9	310.0	309.9	310.1	309.9	310.0	309.9	310.1	309.9	310.0
12°	309.6	309.2	309.3	309.3	309.5	309.3	309.3	309.2	309.6	309.2	309.3
12.5°	308.7	308.5	308.7	308.6	308.9	308.6	308.7	308.5	308.7	308.5	308.7
13°	308.1	307.9	308.0	307.9	308.2	307.9	308.0	307.9	308.1	307.9	308.0
13.5°	307.4	307.1	307.2	307.3	307.6	307.3	307.2	307.1	307.4	307.1	307.2
14°	306.8	306.4	306.4	306.5	306.8	306.5	306.4	306.4	306.8	306.4	306.4
14.5°	305.9	305.6	305.7	305.7	306.1	305.7	305.7	305.6	305.9	305.6	305.7
15°	305.2	304.8	305.0	305.0	305.3	305.0	305.0	304.8	305.2	304.8	305.0
15.5°	304.3	304.1	304.1	304.3	304.5	304.3	304.1	304.1	304.3	304.1	304.1
16°	303.7	303.4	303.3	303.5	303.6	303.5	303.3	303.4	303.7	303.4	303.3
16.5°	302.7	302.6	302.5	302.7	302.9	302.7	302.5	302.6	302.7	302.6	302.5
17°	302.0	301.5	301.6	301.7	301.8	301.7	301.6	301.5	302.0	301.5	301.6
17.5°	301.0	300.6	300.7	300.8	301.0	300.8	300.7	300.6	301.0	300.6	300.7
18°	300.0	299.8	299.7	299.9	300.1	299.9	299.7	299.8	300.0	299.8	299.7
18.5°	299.1	298.8	298.9	298.9	299.1	298.9	298.9	298.8	299.1	298.8	298.9
19°	298.1	297.8	297.9	298.0	298.1	298.0	297.9	297.8	298.1	297.8	297.9
19.5°	297.0	296.8	296.7	296.9	297.0	296.9	296.7	296.8	297.0	296.8	296.7
20°	296.1	295.6	295.8	295.9	296.0	295.9	295.8	295.6	296.1	295.6	295.8
20.5°	294.8	294.6	294.7	294.9	295.0	294.9	294.7	294.6	294.8	294.6	294.7
21°	293.9	293.6	293.7	293.8	293.9	293.8	293.7	293.6	293.9	293.6	293.7

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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°	290.4	290.2	290.2	290.2	290.5	290.2	290.2	290.2	290.4	290.2	290.2
23°	289.2	289.0	289.0	289.2	289.3	289.2	289.0	289.0	289.2	289.0	289.0
23.5°	288.0	287.9	287.8	287.9	288.1	287.9	287.8	287.9	288.0	287.9	287.8
24°	286.8	286.6	286.6	286.7	286.8	286.7	286.6	286.6	286.8	286.6	286.6
24.5°	285.5	285.4	285.4	285.4	285.6	285.4	285.4	285.4	285.5	285.4	285.4
25°	284.3	284.1	284.2	284.1	284.3	284.1	284.2	284.1	284.3	284.1	284.2
25.5°	283.0	282.9	282.8	282.8	283.0	282.8	282.8	282.9	283.0	282.9	282.8
26°	281.7	281.5	281.5	281.5	281.8	281.5	281.5	281.5	281.7	281.5	281.5
26.5°	280.3	280.1	280.2	280.2	280.4	280.2	280.2	280.1	280.3	280.1	280.2
27°	278.9	278.8	278.8	278.9	279.0	278.9	278.8	278.8	278.9	278.8	278.8
27.5°	277.5	277.5	277.4	277.5	277.6	277.5	277.4	277.5	277.5	277.5	277.4
28°	276.1	276.0	276.0	276.1	276.3	276.1	276.0	276.0	276.1	276.0	276.0
28.5°	274.8	274.5	274.7	274.6	274.8	274.6	274.7	274.5	274.8	274.5	274.7
29°	273.3	273.1	273.2	273.2	273.3	273.2	273.2	273.1	273.3	273.1	273.2
29.5°	271.8	271.6	271.7	271.7	271.9	271.7	271.7	271.6	271.8	271.6	271.7
30°	270.3	270.1	270.2	270.3	270.4	270.3	270.2	270.1	270.3	270.1	270.2
30.5°	268.8	268.6	268.6	268.7	268.9	268.7	268.6	268.6	268.8	268.6	268.6
31°	267.3	267.0	267.0	267.2	267.4	267.2	267.0	267.0	267.3	267.0	267.0
31.5°	265.7	265.5	265.5	265.5	265.8	265.5	265.5	265.5	265.7	265.5	265.5
32°	264.1	263.9	263.9	264.0	264.0	264.0	263.9	263.9	264.1	263.9	263.9
32.5°	262.4	262.3	262.4	262.3	262.5	262.3	262.4	262.3	262.4	262.3	262.4
33°	260.8	260.7	260.7	260.7	260.9	260.7	260.7	260.7	260.8	260.7	260.7
33.5°	259.2	259.0	259.0	259.1	259.2	259.1	259.0	259.0	259.2	259.0	259.0
34°	257.5	257.4	257.4	257.4	257.6	257.4	257.4	257.4	257.5	257.4	257.4
34.5°	255.8	255.6	255.6	255.7	255.8	255.7	255.6	255.6	255.8	255.6	255.6
35°	254.1	253.8	253.9	254.1	254.2	254.1	253.9	253.8	254.1	253.8	253.9
35.5°	252.4	252.1	252.2	252.3	252.4	252.3	252.2	252.1	252.4	252.1	252.2
36°	250.6	250.3	250.5	250.6	250.7	250.6	250.5	250.3	250.6	250.3	250.5
36.5°	248.9	248.7	248.8	248.8	249.0	248.8	248.8	248.7	248.9	248.7	248.8
37°	247.2	246.9	247.0	247.1	247.2	247.1	247.0	246.9	247.2	246.9	247.0
37.5°	245.4	245.1	245.3	245.2	245.3	245.2	245.3	245.1	245.4	245.1	245.3
38°	243.5	243.4	243.4	243.5	243.5	243.5	243.4	243.4	243.5	243.4	243.4
38.5°	241.7	241.5	241.5	241.6	241.7	241.6	241.5	241.5	241.7	241.5	241.5
39°	239.8	239.7	239.7	239.8	239.9	239.8	239.7	239.7	239.8	239.7	239.7
39.5°	238.0	237.8	237.7	238.0	238.0	238.0	237.7	237.8	238.0	237.8	237.7
40°	236.0	235.9	235.8	235.9	235.9	235.9	235.8	235.9	236.0	235.9	235.8
40.5°	234.1	233.9	233.9	234.0	233.9	234.0	233.9	233.9	234.1	233.9	233.9
41°	232.2	231.9	232.0	232.0	232.0	232.0	232.0	231.9	232.2	231.9	232.0
41.5°	230.3	230.0	230.0	230.0	230.1	230.0	230.0	230.0	230.3	230.0	230.0
42°	228.3	228.0	228.0	228.0	228.2	228.0	228.0	228.0	228.3	228.0	228.0
42.5°	226.1	225.9	226.0	225.9	226.1	225.9	226.0	225.9	226.1	225.9	226.0
43°	224.2	224.0	223.9	224.0	224.0	224.0	223.9	224.0	224.2	224.0	223.9
43.5°	222.0	221.9	221.8	222.0	222.0	222.0	221.8	221.9	222.0	221.9	221.8

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	216.0	215.7	215.7	215.7	215.9	215.7	215.7	215.7	216.0	215.7	215.7
45.5°	213.7	213.6	213.6	213.6	213.7	213.6	213.6	213.6	213.7	213.6	213.6
46°	211.4	211.5	211.5	211.6	211.6	211.6	211.5	211.5	211.4	211.5	211.5
46.5°	209.4	209.3	209.3	209.4	209.5	209.4	209.3	209.3	209.4	209.3	209.3
47°	207.3	207.2	207.1	207.2	207.3	207.2	207.1	207.2	207.3	207.2	207.1
47.5°	205.1	204.9	204.9	205.0	205.1	205.0	204.9	204.9	205.1	204.9	204.9
48°	202.8	202.6	202.7	202.8	202.9	202.8	202.7	202.6	202.8	202.6	202.7
48.5°	200.6	200.5	200.5	200.6	200.7	200.6	200.5	200.5	200.6	200.5	200.5
49°	198.3	198.2	198.3	198.3	198.4	198.3	198.3	198.2	198.3	198.2	198.3
49.5°	196.1	196.0	196.1	196.0	196.2	196.0	196.1	196.0	196.1	196.0	196.1
50°	194.0	193.7	193.7	193.8	193.9	193.8	193.7	193.7	194.0	193.7	193.7
50.5°	191.7	191.4	191.5	191.6	191.6	191.6	191.5	191.4	191.7	191.4	191.5
51°	189.3	189.2	189.3	189.3	189.4	189.3	189.3	189.2	189.3	189.2	189.3
51.5°	187.1	187.0	187.0	186.9	187.1	186.9	187.0	187.0	187.1	187.0	187.0
52°	184.8	184.6	184.6	184.6	184.8	184.6	184.6	184.6	184.8	184.6	184.6
52.5°	182.5	182.2	182.2	182.3	182.4	182.3	182.2	182.2	182.5	182.2	182.2
53°	180.0	179.9	179.9	179.9	180.0	179.9	179.9	179.9	180.0	179.9	179.9
53.5°	177.6	177.6	177.4	177.5	177.6	177.5	177.4	177.6	177.6	177.6	177.4
54°	175.2	175.1	175.0	175.0	175.2	175.0	175.0	175.1	175.2	175.1	175.0
54.5°	172.7	172.7	172.6	172.6	172.8	172.6	172.6	172.7	172.7	172.7	172.6
55°	170.3	170.2	170.2	170.2	170.5	170.2	170.2	170.2	170.3	170.2	170.2
55.5°	167.8	167.7	167.8	167.7	167.9	167.7	167.8	167.7	167.8	167.7	167.8
56°	165.3	165.2	165.3	165.3	165.6	165.3	165.3	165.2	165.3	165.2	165.3
56.5°	162.8	162.7	162.8	162.8	163.1	162.8	162.8	162.7	162.8	162.7	162.8
57°	160.3	160.3	160.4	160.3	160.4	160.3	160.4	160.3	160.3	160.3	160.4
57.5°	157.8	157.9	157.8	157.9	157.9	157.9	157.8	157.9	157.8	157.9	157.8
58°	155.4	155.3	155.3	155.3	155.5	155.3	155.3	155.3	155.4	155.3	155.3
58.5°	152.9	152.7	152.7	152.7	152.9	152.7	152.7	152.7	152.9	152.7	152.7
59°	150.3	150.1	150.1	150.1	150.3	150.1	150.1	150.1	150.3	150.1	150.1
59.5°	147.6	147.5	147.5	147.5	147.6	147.5	147.5	147.5	147.6	147.5	147.5
60°	145.1	144.9	145.0	145.0	145.1	145.0	145.0	144.9	145.1	144.9	145.0
60.5°	142.4	142.4	142.4	142.4	142.4	142.4	142.4	142.4	142.4	142.4	142.4
61°	139.7	139.7	139.8	139.7	139.8	139.7	139.8	139.7	139.7	139.7	139.8
61.5°	137.2	137.2	137.1	137.1	137.3	137.1	137.1	137.2	137.2	137.2	137.1
62°	134.6	134.5	134.5	134.5	134.6	134.5	134.5	134.5	134.6	134.5	134.5
62.5°	131.9	131.9	131.8	131.8	131.9	131.8	131.8	131.9	131.9	131.9	131.8
63°	129.3	129.2	129.2	129.1	129.2	129.1	129.2	129.2	129.3	129.2	129.2
63.5°	126.6	126.5	126.5	126.5	126.5	126.5	126.5	126.5	126.6	126.5	126.5
64°	124.0	123.8	123.8	123.8	123.9	123.8	123.8	123.8	124.0	123.8	123.8
64.5°	121.3	121.1	121.0	121.1	121.1	121.1	121.0	121.1	121.3	121.1	121.0
65°	118.5	118.4	118.3	118.4	118.5	118.4	118.3	118.4	118.5	118.4	118.3
65.5°	115.8	115.6	115.6	115.6	115.6	115.6	115.6	115.6	115.8	115.6	115.6
66°	112.9	112.8	112.8	112.9	113.0	112.9	112.8	112.8	112.9	112.8	112.8

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997195

CATALOG NUMBER: SMX6RLSFS010-900LM-5000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	104.5	104.6	104.5	104.5	104.6	104.5	104.5	104.6	104.5	104.6	104.5
68°	101.9	101.9	101.7	101.7	101.8	101.7	101.7	101.9	101.9	101.9	101.7
68.5°	99.1	99.0	98.9	99.0	99.1	99.0	98.9	99.0	99.1	99.0	98.9
69°	96.2	96.1	96.1	96.2	96.3	96.2	96.1	96.1	96.2	96.1	96.1
69.5°	93.4	93.3	93.3	93.3	93.4	93.3	93.3	93.3	93.4	93.3	93.3
70°	90.6	90.5	90.6	90.5	90.6	90.5	90.6	90.5	90.6	90.5	90.6
70.5°	87.8	87.7	87.7	87.7	87.8	87.7	87.7	87.7	87.8	87.7	87.7
71°	85.0	84.9	84.9	84.9	85.0	84.9	84.9	84.9	85.0	84.9	84.9
71.5°	82.1	82.1	82.1	82.0	82.2	82.0	82.1	82.1	82.1	82.1	82.1
72°	79.3	79.2	79.2	79.2	79.4	79.2	79.2	79.2	79.3	79.2	79.2
72.5°	76.5	76.4	76.4	76.4	76.5	76.4	76.4	76.4	76.5	76.4	76.4
73°	73.7	73.6	73.7	73.5	73.7	73.5	73.7	73.6	73.7	73.6	73.7
73.5°	70.8	70.9	70.9	70.8	70.9	70.8	70.9	70.9	70.8	70.9	70.9
74°	68.1	68.1	68.2	68.1	68.2	68.1	68.2	68.1	68.1	68.1	68.2
74.5°	65.3	65.3	65.3	65.3	65.4	65.3	65.3	65.3	65.3	65.3	65.3
75°	62.5	62.5	62.5	62.5	62.6	62.5	62.5	62.5	62.5	62.5	62.5
75.5°	59.7	59.8	59.7	59.7	59.8	59.7	59.7	59.8	59.7	59.8	59.7
76°	56.9	56.9	57.0	56.9	57.0	56.9	57.0	56.9	56.9	56.9	57.0
76.5°	54.2	54.2	54.2	54.1	54.3	54.1	54.2	54.2	54.2	54.2	54.2
77°	51.5	51.5	51.5	51.4	51.5	51.4	51.5	51.5	51.5	51.5	51.5
77.5°	48.7	48.7	48.8	48.7	48.8	48.7	48.8	48.7	48.7	48.7	48.8
78°	46.0	46.0	46.0	46.0	46.1	46.0	46.0	46.0	46.0	46.0	46.0
78.5°	43.4	43.4	43.3	43.3	43.4	43.3	43.3	43.4	43.4	43.4	43.3
79°	40.7	40.7	40.7	40.6	40.7	40.6	40.7	40.7	40.7	40.7	40.7
79.5°	38.0	38.0	38.0	38.0	38.1	38.0	38.0	38.0	38.0	38.0	38.0
80°	35.5	35.3	35.3	35.3	35.4	35.3	35.3	35.3	35.5	35.3	35.3
80.5°	32.8	32.9	32.9	32.8	32.8	32.8	32.9	32.9	32.8	32.9	32.9
81°	30.3	30.3	30.3	30.4	30.3	30.4	30.3	30.3	30.3	30.3	30.3
81.5°	27.8	27.9	27.8	27.9	27.9	27.9	27.8	27.9	27.8	27.9	27.8
82°	25.4	25.4	25.4	25.4	25.5	25.4	25.4	25.4	25.4	25.4	25.4
82.5°	23.1	23.1	23.2	23.2	23.1	23.2	23.2	23.1	23.1	23.1	23.2
83°	21.0	20.9	20.9	20.9	20.9	20.9	20.9	20.9	21.0	20.9	20.9
83.5°	18.7	18.7	18.8	18.7	18.7	18.7	18.8	18.7	18.7	18.7	18.8
84°	16.7	16.6	16.7	16.7	16.6	16.7	16.7	16.6	16.7	16.6	16.7
84.5°	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
85°	12.7	12.7	12.8	12.8	12.7	12.8	12.8	12.7	12.7	12.7	12.8
85.5°	10.8	11.0	11.0	11.0	11.0	11.0	11.0	11.0	10.8	11.0	11.0
86°	9.3	9.3	9.3	9.2	9.2	9.2	9.3	9.3	9.3	9.3	9.3
86.5°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
87°	6.3	6.3	6.3	6.3	6.2	6.3	6.3	6.3	6.3	6.3	6.3
87.5°	4.9	5.0	5.1	5.0	4.9	5.0	5.1	5.0	4.9	5.0	5.1
88°	3.9	3.9	3.9	3.9	3.8	3.9	3.9	3.9	3.9	3.9	3.9
88.5°	2.9	2.9	2.9	2.9	2.8	2.9	2.9	2.9	2.9	2.9	2.9

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

Scaled Data Report



TEST NUMBER: P997195
CATALOG NUMBER: SMX6RLSFS010-900LM-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: P997195

CATALOG NUMBER: SMX6RLSFS010-900LM-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	317.0	317.0	317.0	317.0	317.0	317.0
0.5°	317.0	317.1	317.0	317.1	316.8	317.1
1°	317.1	317.0	317.1	317.0	316.8	317.0
1.5°	317.0	317.1	317.0	316.9	316.7	316.9
2°	316.8	316.9	316.8	316.9	316.7	317.1
2.5°	316.8	316.8	316.8	316.7	316.5	316.9
3°	316.6	316.6	316.6	316.5	316.4	316.8
3.5°	316.5	316.5	316.5	316.3	316.2	316.4
4°	316.3	316.4	316.3	316.2	316.1	316.2
4.5°	316.0	316.0	316.0	315.9	315.9	316.2
5°	315.8	315.9	315.8	315.7	315.6	315.9
5.5°	315.5	315.6	315.5	315.5	315.3	315.6
6°	315.1	315.3	315.1	315.0	314.9	315.2
6.5°	314.9	315.0	314.9	314.6	314.7	314.8
7°	314.4	314.6	314.4	314.3	314.3	314.3
7.5°	314.0	314.4	314.0	313.9	314.0	314.0
8°	313.6	313.8	313.6	313.5	313.6	313.6
8.5°	313.2	313.4	313.2	313.1	313.1	313.1
9°	312.7	313.0	312.7	312.7	312.7	312.9
9.5°	312.3	312.5	312.3	312.1	312.1	312.1
10°	311.8	311.9	311.8	311.6	311.6	311.9
10.5°	311.1	311.5	311.1	311.0	311.1	311.2
11°	310.6	310.7	310.6	310.4	310.4	310.8
11.5°	309.9	310.1	309.9	310.0	309.9	310.1
12°	309.3	309.5	309.3	309.3	309.2	309.6
12.5°	308.6	308.9	308.6	308.7	308.5	308.7
13°	307.9	308.2	307.9	308.0	307.9	308.1
13.5°	307.3	307.6	307.3	307.2	307.1	307.4
14°	306.5	306.8	306.5	306.4	306.4	306.8
14.5°	305.7	306.1	305.7	305.7	305.6	305.9
15°	305.0	305.3	305.0	305.0	304.8	305.2
15.5°	304.3	304.5	304.3	304.1	304.1	304.3
16°	303.5	303.6	303.5	303.3	303.4	303.7
16.5°	302.7	302.9	302.7	302.5	302.6	302.7
17°	301.7	301.8	301.7	301.6	301.5	302.0
17.5°	300.8	301.0	300.8	300.7	300.6	301.0
18°	299.9	300.1	299.9	299.7	299.8	300.0
18.5°	298.9	299.1	298.9	298.9	298.8	299.1
19°	298.0	298.1	298.0	297.9	297.8	298.1
19.5°	296.9	297.0	296.9	296.7	296.8	297.0
20°	295.9	296.0	295.9	295.8	295.6	296.1
20.5°	294.9	295.0	294.9	294.7	294.6	294.8
21°	293.8	293.9	293.8	293.7	293.6	293.9

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997195

CATALOG NUMBER: SMX6RLSFS010-900LM-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	290.2	290.5	290.2	290.2	290.2	290.4
23°	289.2	289.3	289.2	289.0	289.0	289.2
23.5°	287.9	288.1	287.9	287.8	287.9	288.0
24°	286.7	286.8	286.7	286.6	286.6	286.8
24.5°	285.4	285.6	285.4	285.4	285.4	285.5
25°	284.1	284.3	284.1	284.2	284.1	284.3
25.5°	282.8	283.0	282.8	282.8	282.9	283.0
26°	281.5	281.8	281.5	281.5	281.5	281.7
26.5°	280.2	280.4	280.2	280.2	280.1	280.3
27°	278.9	279.0	278.9	278.8	278.8	278.9
27.5°	277.5	277.6	277.5	277.4	277.5	277.5
28°	276.1	276.3	276.1	276.0	276.0	276.1
28.5°	274.6	274.8	274.6	274.7	274.5	274.8
29°	273.2	273.3	273.2	273.2	273.1	273.3
29.5°	271.7	271.9	271.7	271.7	271.6	271.8
30°	270.3	270.4	270.3	270.2	270.1	270.3
30.5°	268.7	268.9	268.7	268.6	268.6	268.8
31°	267.2	267.4	267.2	267.0	267.0	267.3
31.5°	265.5	265.8	265.5	265.5	265.5	265.7
32°	264.0	264.0	264.0	263.9	263.9	264.1
32.5°	262.3	262.5	262.3	262.4	262.3	262.4
33°	260.7	260.9	260.7	260.7	260.7	260.8
33.5°	259.1	259.2	259.1	259.0	259.0	259.2
34°	257.4	257.6	257.4	257.4	257.4	257.5
34.5°	255.7	255.8	255.7	255.6	255.6	255.8
35°	254.1	254.2	254.1	253.9	253.8	254.1
35.5°	252.3	252.4	252.3	252.2	252.1	252.4
36°	250.6	250.7	250.6	250.5	250.3	250.6
36.5°	248.8	249.0	248.8	248.8	248.7	248.9
37°	247.1	247.2	247.1	247.0	246.9	247.2
37.5°	245.2	245.3	245.2	245.3	245.1	245.4
38°	243.5	243.5	243.5	243.4	243.4	243.5
38.5°	241.6	241.7	241.6	241.5	241.5	241.7
39°	239.8	239.9	239.8	239.7	239.7	239.8
39.5°	238.0	238.0	238.0	237.7	237.8	238.0
40°	235.9	235.9	235.9	235.8	235.9	236.0
40.5°	234.0	233.9	234.0	233.9	233.9	234.1
41°	232.0	232.0	232.0	232.0	231.9	232.2
41.5°	230.0	230.1	230.0	230.0	230.0	230.3
42°	228.0	228.2	228.0	228.0	228.0	228.3
42.5°	225.9	226.1	225.9	226.0	225.9	226.1
43°	224.0	224.0	224.0	223.9	224.0	224.2
43.5°	222.0	222.0	222.0	221.8	221.9	222.0

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997195

CATALOG NUMBER: SMX6RLSFS010-900LM-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	215.7	215.9	215.7	215.7	215.7	216.0
45.5°	213.6	213.7	213.6	213.6	213.6	213.7
46°	211.6	211.6	211.6	211.5	211.5	211.4
46.5°	209.4	209.5	209.4	209.3	209.3	209.4
47°	207.2	207.3	207.2	207.1	207.2	207.3
47.5°	205.0	205.1	205.0	204.9	204.9	205.1
48°	202.8	202.9	202.8	202.7	202.6	202.8
48.5°	200.6	200.7	200.6	200.5	200.5	200.6
49°	198.3	198.4	198.3	198.3	198.2	198.3
49.5°	196.0	196.2	196.0	196.1	196.0	196.1
50°	193.8	193.9	193.8	193.7	193.7	194.0
50.5°	191.6	191.6	191.6	191.5	191.4	191.7
51°	189.3	189.4	189.3	189.3	189.2	189.3
51.5°	186.9	187.1	186.9	187.0	187.0	187.1
52°	184.6	184.8	184.6	184.6	184.6	184.8
52.5°	182.3	182.4	182.3	182.2	182.2	182.5
53°	179.9	180.0	179.9	179.9	179.9	180.0
53.5°	177.5	177.6	177.5	177.4	177.6	177.6
54°	175.0	175.2	175.0	175.0	175.1	175.2
54.5°	172.6	172.8	172.6	172.6	172.7	172.7
55°	170.2	170.5	170.2	170.2	170.2	170.3
55.5°	167.7	167.9	167.7	167.8	167.7	167.8
56°	165.3	165.6	165.3	165.3	165.2	165.3
56.5°	162.8	163.1	162.8	162.8	162.7	162.8
57°	160.3	160.4	160.3	160.4	160.3	160.3
57.5°	157.9	157.9	157.9	157.8	157.9	157.8
58°	155.3	155.5	155.3	155.3	155.3	155.4
58.5°	152.7	152.9	152.7	152.7	152.7	152.9
59°	150.1	150.3	150.1	150.1	150.1	150.3
59.5°	147.5	147.6	147.5	147.5	147.5	147.6
60°	145.0	145.1	145.0	145.0	144.9	145.1
60.5°	142.4	142.4	142.4	142.4	142.4	142.4
61°	139.7	139.8	139.7	139.8	139.7	139.7
61.5°	137.1	137.3	137.1	137.1	137.2	137.2
62°	134.5	134.6	134.5	134.5	134.5	134.6
62.5°	131.8	131.9	131.8	131.8	131.9	131.9
63°	129.1	129.2	129.1	129.2	129.2	129.3
63.5°	126.5	126.5	126.5	126.5	126.5	126.6
64°	123.8	123.9	123.8	123.8	123.8	124.0
64.5°	121.1	121.1	121.1	121.0	121.1	121.3
65°	118.4	118.5	118.4	118.3	118.4	118.5
65.5°	115.6	115.6	115.6	115.6	115.6	115.8
66°	112.9	113.0	112.9	112.8	112.8	112.9

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997195

CATALOG NUMBER: SMX6RLSFS010-900LM-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	104.5	104.6	104.5	104.5	104.6	104.5
68°	101.7	101.8	101.7	101.7	101.9	101.9
68.5°	99.0	99.1	99.0	98.9	99.0	99.1
69°	96.2	96.3	96.2	96.1	96.1	96.2
69.5°	93.3	93.4	93.3	93.3	93.3	93.4
70°	90.5	90.6	90.5	90.6	90.5	90.6
70.5°	87.7	87.8	87.7	87.7	87.7	87.8
71°	84.9	85.0	84.9	84.9	84.9	85.0
71.5°	82.0	82.2	82.0	82.1	82.1	82.1
72°	79.2	79.4	79.2	79.2	79.2	79.3
72.5°	76.4	76.5	76.4	76.4	76.4	76.5
73°	73.5	73.7	73.5	73.7	73.6	73.7
73.5°	70.8	70.9	70.8	70.9	70.9	70.8
74°	68.1	68.2	68.1	68.2	68.1	68.1
74.5°	65.3	65.4	65.3	65.3	65.3	65.3
75°	62.5	62.6	62.5	62.5	62.5	62.5
75.5°	59.7	59.8	59.7	59.7	59.8	59.7
76°	56.9	57.0	56.9	57.0	56.9	56.9
76.5°	54.1	54.3	54.1	54.2	54.2	54.2
77°	51.4	51.5	51.4	51.5	51.5	51.5
77.5°	48.7	48.8	48.7	48.8	48.7	48.7
78°	46.0	46.1	46.0	46.0	46.0	46.0
78.5°	43.3	43.4	43.3	43.3	43.4	43.4
79°	40.6	40.7	40.6	40.7	40.7	40.7
79.5°	38.0	38.1	38.0	38.0	38.0	38.0
80°	35.3	35.4	35.3	35.3	35.3	35.5
80.5°	32.8	32.8	32.8	32.9	32.9	32.8
81°	30.4	30.3	30.4	30.3	30.3	30.3
81.5°	27.9	27.9	27.9	27.8	27.9	27.8
82°	25.4	25.5	25.4	25.4	25.4	25.4
82.5°	23.2	23.1	23.2	23.2	23.1	23.1
83°	20.9	20.9	20.9	20.9	20.9	21.0
83.5°	18.7	18.7	18.7	18.8	18.7	18.7
84°	16.7	16.6	16.7	16.7	16.6	16.7
84.5°	14.7	14.7	14.7	14.7	14.7	14.7
85°	12.8	12.7	12.8	12.8	12.7	12.7
85.5°	11.0	11.0	11.0	11.0	11.0	10.8
86°	9.2	9.2	9.2	9.3	9.3	9.3
86.5°	7.7	7.7	7.7	7.7	7.7	7.7
87°	6.3	6.2	6.3	6.3	6.3	6.3
87.5°	5.0	4.9	5.0	5.1	5.0	4.9
88°	3.9	3.8	3.9	3.9	3.9	3.9
88.5°	2.9	2.8	2.9	2.9	2.9	2.9

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Scaled Data Report



TEST NUMBER: P997195
CATALOG NUMBER: SMX6RLSFS010-900LM-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

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1121 Highway 74 South

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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°	292.7	292.5	292.5	292.6	292.8	292.6	292.5	292.5	292.7	292.5	292.5
22°	291.5	291.4	291.4	291.5	291.6	291.5	291.4	291.4	291.5	291.4	291.4



44°	219.9	219.8	219.8	220.0	220.0	220.0	219.8	219.8	219.9	219.8	219.8
44.5°	217.9	217.8	217.7	217.9	217.9	217.9	217.7	217.8	217.9	217.8	217.7



66.5°	110.1	110.0	110.0	110.1	110.1	110.1	110.0	110.0	110.1	110.0	110.0
67°	107.3	107.3	107.3	107.3	107.4	107.3	107.3	107.3	107.3	107.3	107.3

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89°	2.1	2.0	2.1	2.2	2.0	2.2	2.1	2.0	2.1	2.0	2.1
89.5°	1.4	1.5	1.3	1.5	1.5	1.5	1.3	1.5	1.4	1.5	1.3

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21.5°	292.6	292.8	292.6	292.5	292.5	292.7
22°	291.5	291.6	291.5	291.4	291.4	291.5

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44°	220.0	220.0	220.0	219.8	219.8	219.9
44.5°	217.9	217.9	217.9	217.7	217.8	217.9

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66.5°	110.1	110.1	110.1	110.0	110.0	110.1
67°	107.3	107.4	107.3	107.3	107.3	107.3

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89°	2.2	2.0	2.2	2.1	2.0	2.1
89.5°	1.5	1.5	1.5	1.3	1.5	1.4

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(END OF REPORT)