

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: P997194

Luminaire Tested: **SMX6RLSFS010-900LM-4000K**

Issue Date: 3/11/2025

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

**Test Information**

Test Method: LM-41-14
Report Number: P997194
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-4000K
Description: 6IN ROUND, 90CRI, 0-10V DIMMING, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 4000K CCT
Ballast/Driver: -

Summary

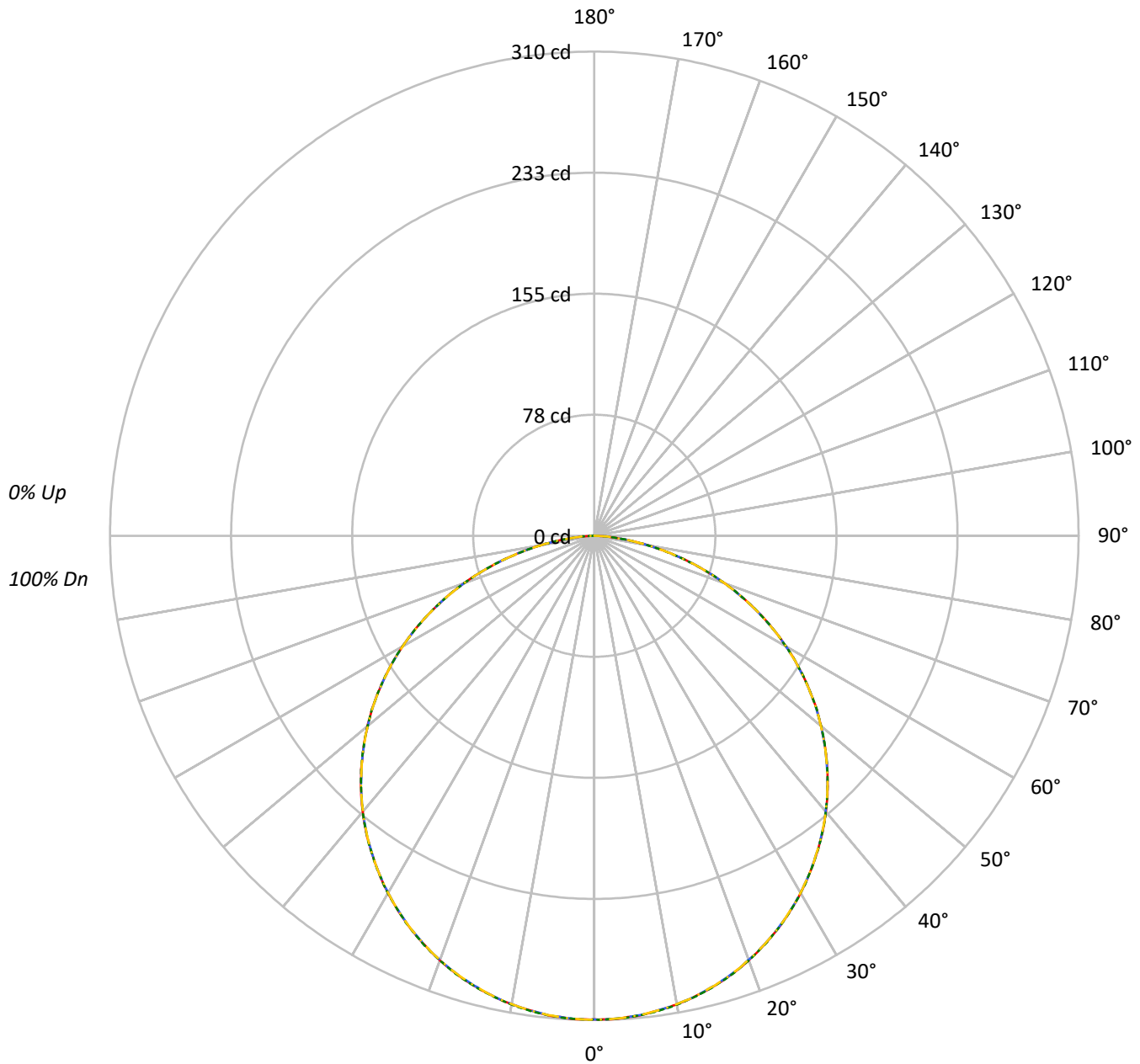
Lumens per Lamp: N/A
Luminaire Lumens: 902.1 lumens
Efficiency: N/A
Efficacy: 106.1 lumens/watt
Spacing Criteria (0/90/45): 1.27 / 1.27 / 1.39
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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



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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°	16978	16978	16978	16978
5°	16988	16982	16988	16982
10°	16967	16961	16967	16961
15°	16924	16930	16924	16930
20°	16877	16877	16877	16877
25°	16803	16803	16803	16803
30°	16724	16724	16724	16724
35°	16617	16617	16617	16617
40°	16502	16495	16502	16495
45°	16358	16358	16358	16358
50°	16170	16162	16170	16162
55°	15904	15913	15904	15913
60°	15547	15547	15547	15547
65°	15021	15021	15021	15021
70°	14201	14185	14201	14185
75°	12920	12963	12920	12963
80°	10955	10923	10955	10923
85°	7799	7799	7799	7799

Classified

Scaled Data Report

Cooper Lighting Solutions Photometric Lab

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Peachtree City, GA 30269



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	29.3	3.3
10°-20°	84.1	9.3
20°-30°	128.0	14.2
30°-40°	155.3	17.2
40°-50°	162.6	18.0
50°-60°	148.6	16.5
60°-70°	114.2	12.7
70°-80°	64.5	7.2
80°-90°	15.4	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°	241.4	26.8
0°-40°	396.7	44.0
0°-60°	707.9	78.5
0°-90°	902.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	902.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	310	310	310	310	310	
5°	309	309	309	309	309	29
15°	298	298	298	298	298	84
25°	278	278	278	278	278	128
35°	248	248	248	248	248	155
45°	211	211	211	211	211	163
55°	166	166	166	166	166	149
65°	116	116	116	116	116	114
75°	61	61	61	61	61	65
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°	309.7	309.7	309.7	309.7	309.7	309.7	309.7	309.7	309.7	309.7	309.7
0.5°	309.8	309.6	309.9	309.8	309.9	309.8	309.9	309.6	309.8	309.6	309.9
1°	309.7	309.5	309.8	309.8	309.8	309.8	309.8	309.5	309.7	309.5	309.8
1.5°	309.7	309.5	309.7	309.8	309.8	309.8	309.7	309.5	309.7	309.5	309.7
2°	309.9	309.5	309.6	309.6	309.6	309.6	309.6	309.5	309.9	309.5	309.6
2.5°	309.7	309.2	309.4	309.5	309.6	309.5	309.4	309.2	309.7	309.2	309.4
3°	309.5	309.2	309.3	309.4	309.4	309.4	309.3	309.2	309.5	309.2	309.3
3.5°	309.2	309.0	309.1	309.2	309.3	309.2	309.1	309.0	309.2	309.0	309.1
4°	308.9	308.8	308.9	309.1	309.1	309.1	308.9	308.8	308.9	308.8	308.9
4.5°	308.9	308.6	308.6	308.8	308.8	308.8	308.6	308.6	308.9	308.6	308.6
5°	308.7	308.3	308.4	308.6	308.6	308.6	308.4	308.3	308.7	308.3	308.4
5.5°	308.4	308.1	308.3	308.2	308.4	308.2	308.3	308.1	308.4	308.1	308.3
6°	308.0	307.7	307.8	307.9	308.1	307.9	307.8	307.7	308.0	307.7	307.8
6.5°	307.6	307.5	307.4	307.7	307.8	307.7	307.4	307.5	307.6	307.5	307.4
7°	307.1	307.1	307.1	307.2	307.4	307.2	307.1	307.1	307.1	307.1	307.1
7.5°	306.8	306.8	306.7	306.8	307.2	306.8	306.7	306.8	306.8	306.8	306.7
8°	306.4	306.4	306.3	306.4	306.6	306.4	306.3	306.4	306.4	306.4	306.3
8.5°	305.9	306.0	305.9	306.0	306.2	306.0	305.9	306.0	305.9	306.0	305.9
9°	305.7	305.6	305.5	305.6	305.8	305.6	305.5	305.6	305.7	305.6	305.5
9.5°	305.0	304.9	305.0	305.1	305.3	305.1	305.0	304.9	305.0	304.9	305.0
10°	304.8	304.4	304.5	304.6	304.7	304.6	304.5	304.4	304.8	304.4	304.5
10.5°	304.0	304.0	303.9	304.0	304.4	304.0	303.9	304.0	304.0	304.0	303.9
11°	303.7	303.3	303.3	303.5	303.6	303.5	303.3	303.3	303.7	303.3	303.3
11.5°	303.0	302.8	302.9	302.8	303.0	302.8	302.9	302.8	303.0	302.8	302.9
12°	302.5	302.2	302.2	302.3	302.4	302.3	302.2	302.2	302.5	302.2	302.2
12.5°	301.6	301.4	301.6	301.5	301.9	301.5	301.6	301.4	301.6	301.4	301.6
13°	301.0	300.8	300.9	300.9	301.2	300.9	300.9	300.8	301.0	300.8	300.9
13.5°	300.4	300.1	300.2	300.3	300.5	300.3	300.2	300.1	300.4	300.1	300.2
14°	299.7	299.4	299.4	299.5	299.8	299.5	299.4	299.4	299.7	299.4	299.4
14.5°	298.8	298.6	298.7	298.7	299.1	298.7	298.7	298.6	298.8	298.6	298.7
15°	298.2	297.8	298.0	298.0	298.3	298.0	298.0	297.8	298.2	297.8	298.0
15.5°	297.3	297.1	297.2	297.3	297.5	297.3	297.2	297.1	297.3	297.1	297.2
16°	296.7	296.4	296.3	296.6	296.7	296.6	296.3	296.4	296.7	296.4	296.3
16.5°	295.8	295.7	295.6	295.8	295.9	295.8	295.6	295.7	295.8	295.7	295.6
17°	295.0	294.6	294.7	294.8	294.9	294.8	294.7	294.6	295.0	294.6	294.7
17.5°	294.1	293.7	293.8	293.9	294.2	293.9	293.8	293.7	294.1	293.7	293.8
18°	293.1	292.9	292.9	293.1	293.2	293.1	292.9	292.9	293.1	292.9	292.9
18.5°	292.2	291.9	292.1	292.0	292.3	292.0	292.1	291.9	292.2	291.9	292.1
19°	291.3	291.0	291.0	291.2	291.3	291.2	291.0	291.0	291.3	291.0	291.0
19.5°	290.2	290.0	289.9	290.1	290.2	290.1	289.9	290.0	290.2	290.0	289.9
20°	289.3	288.9	289.0	289.1	289.3	289.1	289.0	288.9	289.3	288.9	289.0
20.5°	288.1	287.9	288.0	288.1	288.3	288.1	288.0	287.9	288.1	287.9	288.0
21°	287.1	286.8	287.0	287.0	287.2	287.0	287.0	286.8	287.1	286.8	287.0

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CATALOG NUMBER: SMX6RLSFS010-900LM-4000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
22.5°	283.7	283.6	283.6	283.6	283.9	283.6	283.6	283.6	283.7	283.6	283.6
23°	282.6	282.4	282.4	282.5	282.7	282.5	282.4	282.4	282.6	282.4	282.4
23.5°	281.4	281.3	281.2	281.3	281.5	281.3	281.2	281.3	281.4	281.3	281.2
24°	280.3	280.0	280.0	280.1	280.3	280.1	280.0	280.0	280.3	280.0	280.0
24.5°	279.0	278.8	278.9	278.8	279.1	278.8	278.9	278.8	279.0	278.8	278.9
25°	277.8	277.6	277.7	277.6	277.8	277.6	277.7	277.6	277.8	277.6	277.7
25.5°	276.5	276.4	276.4	276.3	276.6	276.3	276.4	276.4	276.5	276.4	276.4
26°	275.3	275.1	275.1	275.1	275.4	275.1	275.1	275.1	275.3	275.1	275.1
26.5°	273.9	273.7	273.8	273.8	274.0	273.8	273.8	273.7	273.9	273.7	273.8
27°	272.6	272.4	272.4	272.5	272.6	272.5	272.4	272.4	272.6	272.4	272.4
27.5°	271.2	271.1	271.0	271.1	271.3	271.1	271.0	271.1	271.2	271.1	271.0
28°	269.8	269.6	269.7	269.8	269.9	269.8	269.7	269.6	269.8	269.6	269.7
28.5°	268.5	268.2	268.4	268.3	268.5	268.3	268.4	268.2	268.5	268.2	268.4
29°	267.0	266.8	266.9	267.0	267.1	267.0	266.9	266.8	267.0	266.8	266.9
29.5°	265.6	265.4	265.4	265.5	265.7	265.5	265.4	265.4	265.6	265.4	265.4
30°	264.2	263.9	264.0	264.1	264.2	264.1	264.0	263.9	264.2	263.9	264.0
30.5°	262.6	262.4	262.5	262.6	262.7	262.6	262.5	262.4	262.6	262.4	262.5
31°	261.2	260.9	260.9	261.0	261.3	261.0	260.9	260.9	261.2	260.9	260.9
31.5°	259.6	259.4	259.4	259.4	259.7	259.4	259.4	259.4	259.6	259.4	259.4
32°	258.1	257.8	257.9	257.9	258.0	257.9	257.9	257.8	258.1	257.8	257.9
32.5°	256.4	256.3	256.4	256.3	256.5	256.3	256.4	256.3	256.4	256.3	256.4
33°	254.8	254.7	254.8	254.7	254.9	254.7	254.8	254.7	254.8	254.7	254.8
33.5°	253.3	253.1	253.1	253.1	253.3	253.1	253.1	253.1	253.3	253.1	253.1
34°	251.6	251.5	251.5	251.5	251.7	251.5	251.5	251.5	251.6	251.5	251.5
34.5°	249.9	249.7	249.7	249.9	249.9	249.9	249.7	249.7	249.9	249.7	249.7
35°	248.3	248.0	248.1	248.2	248.3	248.2	248.1	248.0	248.3	248.0	248.1
35.5°	246.6	246.4	246.4	246.5	246.6	246.5	246.4	246.4	246.6	246.4	246.4
36°	244.8	244.6	244.8	244.8	245.0	244.8	244.8	244.6	244.8	244.6	244.8
36.5°	243.2	243.0	243.1	243.1	243.3	243.1	243.1	243.0	243.2	243.0	243.1
37°	241.6	241.3	241.3	241.4	241.5	241.4	241.3	241.3	241.6	241.3	241.3
37.5°	239.8	239.5	239.6	239.6	239.7	239.6	239.6	239.5	239.8	239.5	239.6
38°	237.9	237.8	237.8	237.9	237.9	237.9	237.8	237.8	237.9	237.8	237.8
38.5°	236.2	236.0	236.0	236.0	236.1	236.0	236.0	236.0	236.2	236.0	236.0
39°	234.3	234.2	234.2	234.3	234.4	234.3	234.2	234.2	234.3	234.2	234.2
39.5°	232.5	232.4	232.3	232.5	232.5	232.5	232.3	232.4	232.5	232.4	232.3
40°	230.6	230.5	230.4	230.5	230.5	230.5	230.4	230.5	230.6	230.5	230.4
40.5°	228.7	228.6	228.5	228.6	228.6	228.6	228.5	228.6	228.7	228.6	228.5
41°	226.9	226.6	226.6	226.7	226.7	226.7	226.6	226.6	226.9	226.6	226.6
41.5°	225.0	224.7	224.7	224.7	224.8	224.7	224.7	224.7	225.0	224.7	224.7
42°	223.1	222.8	222.8	222.8	222.9	222.8	222.8	222.8	223.1	222.8	222.8
42.5°	220.9	220.8	220.8	220.8	220.9	220.8	220.8	220.8	220.9	220.8	220.8
43°	219.1	218.8	218.8	218.8	218.9	218.8	218.8	218.8	219.1	218.8	218.8
43.5°	217.0	216.8	216.8	216.9	217.0	216.9	216.8	216.8	217.0	216.8	216.8

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	211.0	210.8	210.7	210.8	211.0	210.8	210.7	210.8	211.0	210.8	210.7
45.5°	208.8	208.7	208.7	208.7	208.8	208.7	208.7	208.7	208.8	208.7	208.7
46°	206.6	206.6	206.6	206.8	206.8	206.8	206.6	206.6	206.6	206.6	206.6
46.5°	204.6	204.5	204.5	204.6	204.7	204.6	204.5	204.5	204.6	204.5	204.5
47°	202.5	202.4	202.4	202.4	202.5	202.4	202.4	202.4	202.5	202.4	202.4
47.5°	200.4	200.2	200.2	200.3	200.4	200.3	200.2	200.2	200.4	200.2	200.2
48°	198.2	198.0	198.1	198.1	198.3	198.1	198.1	198.0	198.2	198.0	198.1
48.5°	196.0	195.9	195.9	196.0	196.1	196.0	195.9	195.9	196.0	195.9	195.9
49°	193.8	193.7	193.8	193.8	193.9	193.8	193.8	193.7	193.8	193.7	193.8
49.5°	191.6	191.5	191.6	191.5	191.7	191.5	191.6	191.5	191.6	191.5	191.6
50°	189.6	189.3	189.3	189.4	189.5	189.4	189.3	189.3	189.6	189.3	189.3
50.5°	187.3	187.0	187.1	187.2	187.2	187.2	187.1	187.0	187.3	187.0	187.1
51°	185.0	184.9	184.9	184.9	185.0	184.9	184.9	184.9	185.0	184.9	184.9
51.5°	182.8	182.7	182.7	182.7	182.9	182.7	182.7	182.7	182.8	182.7	182.7
52°	180.6	180.4	180.4	180.4	180.6	180.4	180.4	180.4	180.6	180.4	180.4
52.5°	178.3	178.1	178.1	178.1	178.3	178.1	178.1	178.1	178.3	178.1	178.1
53°	175.9	175.8	175.8	175.8	175.9	175.8	175.8	175.8	175.9	175.8	175.8
53.5°	173.6	173.5	173.4	173.4	173.5	173.4	173.4	173.5	173.6	173.5	173.4
54°	171.2	171.1	171.0	171.0	171.2	171.0	171.0	171.1	171.2	171.1	171.0
54.5°	168.8	168.7	168.7	168.7	168.8	168.7	168.7	168.7	168.8	168.7	168.7
55°	166.4	166.3	166.3	166.3	166.5	166.3	166.3	166.3	166.4	166.3	166.3
55.5°	163.9	163.8	164.0	163.9	164.1	163.9	164.0	163.8	163.9	163.8	164.0
56°	161.5	161.4	161.6	161.5	161.8	161.5	161.6	161.4	161.5	161.4	161.6
56.5°	159.1	159.0	159.0	159.1	159.3	159.1	159.0	159.0	159.1	159.0	159.0
57°	156.6	156.6	156.7	156.7	156.7	156.7	156.7	156.6	156.6	156.6	156.7
57.5°	154.2	154.3	154.2	154.2	154.3	154.2	154.2	154.3	154.2	154.3	154.2
58°	151.9	151.7	151.8	151.7	151.9	151.7	151.8	151.7	151.9	151.7	151.8
58.5°	149.4	149.2	149.2	149.2	149.4	149.2	149.2	149.2	149.4	149.2	149.2
59°	146.8	146.7	146.7	146.7	146.9	146.7	146.7	146.7	146.8	146.7	146.7
59.5°	144.3	144.1	144.2	144.2	144.3	144.2	144.2	144.1	144.3	144.1	144.2
60°	141.8	141.6	141.7	141.6	141.8	141.6	141.7	141.6	141.8	141.6	141.7
60.5°	139.1	139.1	139.1	139.1	139.1	139.1	139.1	139.1	139.1	139.1	139.1
61°	136.5	136.5	136.5	136.5	136.6	136.5	136.5	136.5	136.5	136.5	136.5
61.5°	134.1	134.0	134.0	134.0	134.1	134.0	134.0	134.0	134.1	134.0	134.0
62°	131.5	131.4	131.4	131.4	131.5	131.4	131.4	131.4	131.5	131.4	131.4
62.5°	128.9	128.8	128.7	128.8	128.9	128.8	128.7	128.8	128.9	128.8	128.7
63°	126.3	126.2	126.2	126.1	126.3	126.1	126.2	126.2	126.3	126.2	126.2
63.5°	123.7	123.6	123.6	123.6	123.6	123.6	123.6	123.6	123.7	123.6	123.6
64°	121.2	120.9	120.9	120.9	121.1	120.9	120.9	120.9	121.2	120.9	120.9
64.5°	118.5	118.3	118.3	118.3	118.3	118.3	118.3	118.3	118.5	118.3	118.3
65°	115.8	115.7	115.6	115.6	115.8	115.6	115.6	115.7	115.8	115.7	115.6
65.5°	113.1	113.0	112.9	112.9	113.0	112.9	112.9	113.0	113.1	113.0	112.9
66°	110.4	110.2	110.2	110.3	110.4	110.3	110.2	110.2	110.4	110.2	110.2

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997194

CATALOG NUMBER: SMX6RLSFS010-900LM-4000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	102.1	102.2	102.1	102.1	102.2	102.1	102.1	102.2	102.1	102.2	102.1
68°	99.5	99.5	99.4	99.4	99.5	99.4	99.4	99.5	99.5	99.5	99.4
68.5°	96.8	96.7	96.7	96.7	96.8	96.7	96.7	96.7	96.8	96.7	96.7
69°	94.0	93.9	93.9	94.0	94.1	94.0	93.9	93.9	94.0	93.9	93.9
69.5°	91.3	91.2	91.2	91.2	91.3	91.2	91.2	91.2	91.3	91.2	91.2
70°	88.6	88.5	88.5	88.4	88.5	88.4	88.5	88.5	88.6	88.5	88.5
70.5°	85.8	85.7	85.7	85.6	85.8	85.6	85.7	85.7	85.8	85.7	85.7
71°	83.0	82.9	82.9	82.9	83.1	82.9	82.9	82.9	83.0	82.9	82.9
71.5°	80.2	80.2	80.2	80.2	80.3	80.2	80.2	80.2	80.2	80.2	80.2
72°	77.5	77.4	77.4	77.4	77.6	77.4	77.4	77.4	77.5	77.4	77.4
72.5°	74.7	74.7	74.7	74.7	74.8	74.7	74.7	74.7	74.7	74.7	74.7
73°	72.0	71.9	72.0	71.9	72.0	71.9	72.0	71.9	72.0	71.9	72.0
73.5°	69.2	69.3	69.3	69.2	69.3	69.2	69.3	69.3	69.2	69.3	69.3
74°	66.6	66.6	66.6	66.5	66.6	66.5	66.6	66.6	66.6	66.6	66.6
74.5°	63.8	63.8	63.8	63.8	63.9	63.8	63.8	63.8	63.8	63.8	63.8
75°	61.0	61.1	61.1	61.0	61.2	61.0	61.1	61.1	61.0	61.1	61.1
75.5°	58.3	58.4	58.4	58.3	58.5	58.3	58.4	58.4	58.3	58.4	58.4
76°	55.6	55.6	55.7	55.6	55.7	55.6	55.7	55.6	55.6	55.6	55.7
76.5°	53.0	52.9	53.0	52.9	53.0	52.9	53.0	52.9	53.0	52.9	53.0
77°	50.3	50.3	50.3	50.3	50.4	50.3	50.3	50.3	50.3	50.3	50.3
77.5°	47.6	47.6	47.7	47.6	47.7	47.6	47.7	47.6	47.6	47.6	47.7
78°	45.0	45.0	45.0	44.9	45.0	44.9	45.0	45.0	45.0	45.0	45.0
78.5°	42.4	42.4	42.4	42.3	42.4	42.3	42.4	42.4	42.4	42.4	42.4
79°	39.7	39.7	39.7	39.7	39.8	39.7	39.7	39.7	39.7	39.7	39.7
79.5°	37.2	37.1	37.1	37.1	37.2	37.1	37.1	37.1	37.2	37.1	37.1
80°	34.7	34.5	34.5	34.5	34.6	34.5	34.5	34.5	34.7	34.5	34.5
80.5°	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
81°	29.6	29.7	29.6	29.7	29.6	29.7	29.6	29.7	29.6	29.7	29.6
81.5°	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
82°	24.9	24.9	24.9	24.8	24.9	24.8	24.9	24.9	24.9	24.9	24.9
82.5°	22.6	22.6	22.7	22.7	22.6	22.7	22.7	22.6	22.6	22.6	22.7
83°	20.5	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.5	20.4	20.4
83.5°	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
84°	16.3	16.2	16.3	16.3	16.2	16.3	16.3	16.2	16.3	16.2	16.3
84.5°	14.4	14.4	14.3	14.4	14.3	14.4	14.3	14.4	14.4	14.4	14.3
85°	12.4	12.4	12.5	12.5	12.4	12.5	12.5	12.4	12.4	12.4	12.5
85.5°	10.6	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.6	10.7	10.7
86°	9.1	9.1	9.1	9.0	9.0	9.0	9.1	9.1	9.1	9.1	9.1
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	6.1	6.1	6.1	6.1	6.1	6.1	6.1
87.5°	4.8	4.9	4.9	4.9	4.8	4.9	4.9	4.9	4.8	4.9	4.9
88°	3.8	3.8	3.8	3.8	3.7	3.8	3.8	3.8	3.8	3.8	3.8
88.5°	2.8	2.8	2.9	2.9	2.8	2.9	2.9	2.8	2.8	2.8	2.9

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

Scaled Data Report



TEST NUMBER: P997194
CATALOG NUMBER: SMX6RLSFS010-900LM-4000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997194

CATALOG NUMBER: SMX6RLSFS010-900LM-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	309.7	309.7	309.7	309.7	309.7	309.7
0.5°	309.8	309.9	309.8	309.9	309.6	309.8
1°	309.8	309.8	309.8	309.8	309.5	309.7
1.5°	309.8	309.8	309.8	309.7	309.5	309.7
2°	309.6	309.6	309.6	309.6	309.5	309.9
2.5°	309.5	309.6	309.5	309.4	309.2	309.7
3°	309.4	309.4	309.4	309.3	309.2	309.5
3.5°	309.2	309.3	309.2	309.1	309.0	309.2
4°	309.1	309.1	309.1	308.9	308.8	308.9
4.5°	308.8	308.8	308.8	308.6	308.6	308.9
5°	308.6	308.6	308.6	308.4	308.3	308.7
5.5°	308.2	308.4	308.2	308.3	308.1	308.4
6°	307.9	308.1	307.9	307.8	307.7	308.0
6.5°	307.7	307.8	307.7	307.4	307.5	307.6
7°	307.2	307.4	307.2	307.1	307.1	307.1
7.5°	306.8	307.2	306.8	306.7	306.8	306.8
8°	306.4	306.6	306.4	306.3	306.4	306.4
8.5°	306.0	306.2	306.0	305.9	306.0	305.9
9°	305.6	305.8	305.6	305.5	305.6	305.7
9.5°	305.1	305.3	305.1	305.0	304.9	305.0
10°	304.6	304.7	304.6	304.5	304.4	304.8
10.5°	304.0	304.4	304.0	303.9	304.0	304.0
11°	303.5	303.6	303.5	303.3	303.3	303.7
11.5°	302.8	303.0	302.8	302.9	302.8	303.0
12°	302.3	302.4	302.3	302.2	302.2	302.5
12.5°	301.5	301.9	301.5	301.6	301.4	301.6
13°	300.9	301.2	300.9	300.9	300.8	301.0
13.5°	300.3	300.5	300.3	300.2	300.1	300.4
14°	299.5	299.8	299.5	299.4	299.4	299.7
14.5°	298.7	299.1	298.7	298.7	298.6	298.8
15°	298.0	298.3	298.0	298.0	297.8	298.2
15.5°	297.3	297.5	297.3	297.2	297.1	297.3
16°	296.6	296.7	296.6	296.3	296.4	296.7
16.5°	295.8	295.9	295.8	295.6	295.7	295.8
17°	294.8	294.9	294.8	294.7	294.6	295.0
17.5°	293.9	294.2	293.9	293.8	293.7	294.1
18°	293.1	293.2	293.1	292.9	292.9	293.1
18.5°	292.0	292.3	292.0	292.1	291.9	292.2
19°	291.2	291.3	291.2	291.0	291.0	291.3
19.5°	290.1	290.2	290.1	289.9	290.0	290.2
20°	289.1	289.3	289.1	289.0	288.9	289.3
20.5°	288.1	288.3	288.1	288.0	287.9	288.1
21°	287.0	287.2	287.0	287.0	286.8	287.1

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997194

CATALOG NUMBER: SMX6RLSFS010-900LM-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	283.6	283.9	283.6	283.6	283.6	283.7
23°	282.5	282.7	282.5	282.4	282.4	282.6
23.5°	281.3	281.5	281.3	281.2	281.3	281.4
24°	280.1	280.3	280.1	280.0	280.0	280.3
24.5°	278.8	279.1	278.8	278.9	278.8	279.0
25°	277.6	277.8	277.6	277.7	277.6	277.8
25.5°	276.3	276.6	276.3	276.4	276.4	276.5
26°	275.1	275.4	275.1	275.1	275.1	275.3
26.5°	273.8	274.0	273.8	273.8	273.7	273.9
27°	272.5	272.6	272.5	272.4	272.4	272.6
27.5°	271.1	271.3	271.1	271.0	271.1	271.2
28°	269.8	269.9	269.8	269.7	269.6	269.8
28.5°	268.3	268.5	268.3	268.4	268.2	268.5
29°	267.0	267.1	267.0	266.9	266.8	267.0
29.5°	265.5	265.7	265.5	265.4	265.4	265.6
30°	264.1	264.2	264.1	264.0	263.9	264.2
30.5°	262.6	262.7	262.6	262.5	262.4	262.6
31°	261.0	261.3	261.0	260.9	260.9	261.2
31.5°	259.4	259.7	259.4	259.4	259.4	259.6
32°	257.9	258.0	257.9	257.9	257.8	258.1
32.5°	256.3	256.5	256.3	256.4	256.3	256.4
33°	254.7	254.9	254.7	254.8	254.7	254.8
33.5°	253.1	253.3	253.1	253.1	253.1	253.3
34°	251.5	251.7	251.5	251.5	251.5	251.6
34.5°	249.9	249.9	249.9	249.7	249.7	249.9
35°	248.2	248.3	248.2	248.1	248.0	248.3
35.5°	246.5	246.6	246.5	246.4	246.4	246.6
36°	244.8	245.0	244.8	244.8	244.6	244.8
36.5°	243.1	243.3	243.1	243.1	243.0	243.2
37°	241.4	241.5	241.4	241.3	241.3	241.6
37.5°	239.6	239.7	239.6	239.6	239.5	239.8
38°	237.9	237.9	237.9	237.8	237.8	237.9
38.5°	236.0	236.1	236.0	236.0	236.0	236.2
39°	234.3	234.4	234.3	234.2	234.2	234.3
39.5°	232.5	232.5	232.5	232.3	232.4	232.5
40°	230.5	230.5	230.5	230.4	230.5	230.6
40.5°	228.6	228.6	228.6	228.5	228.6	228.7
41°	226.7	226.7	226.7	226.6	226.6	226.9
41.5°	224.7	224.8	224.7	224.7	224.7	225.0
42°	222.8	222.9	222.8	222.8	222.8	223.1
42.5°	220.8	220.9	220.8	220.8	220.8	220.9
43°	218.8	218.9	218.8	218.8	218.8	219.1
43.5°	216.9	217.0	216.9	216.8	216.8	217.0

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997194

CATALOG NUMBER: SMX6RLSFS010-900LM-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	210.8	211.0	210.8	210.7	210.8	211.0
45.5°	208.7	208.8	208.7	208.7	208.7	208.8
46°	206.8	206.8	206.8	206.6	206.6	206.6
46.5°	204.6	204.7	204.6	204.5	204.5	204.6
47°	202.4	202.5	202.4	202.4	202.4	202.5
47.5°	200.3	200.4	200.3	200.2	200.2	200.4
48°	198.1	198.3	198.1	198.1	198.0	198.2
48.5°	196.0	196.1	196.0	195.9	195.9	196.0
49°	193.8	193.9	193.8	193.8	193.7	193.8
49.5°	191.5	191.7	191.5	191.6	191.5	191.6
50°	189.4	189.5	189.4	189.3	189.3	189.6
50.5°	187.2	187.2	187.2	187.1	187.0	187.3
51°	184.9	185.0	184.9	184.9	184.9	185.0
51.5°	182.7	182.9	182.7	182.7	182.7	182.8
52°	180.4	180.6	180.4	180.4	180.4	180.6
52.5°	178.1	178.3	178.1	178.1	178.1	178.3
53°	175.8	175.9	175.8	175.8	175.8	175.9
53.5°	173.4	173.5	173.4	173.4	173.5	173.6
54°	171.0	171.2	171.0	171.0	171.1	171.2
54.5°	168.7	168.8	168.7	168.7	168.7	168.8
55°	166.3	166.5	166.3	166.3	166.3	166.4
55.5°	163.9	164.1	163.9	164.0	163.8	163.9
56°	161.5	161.8	161.5	161.6	161.4	161.5
56.5°	159.1	159.3	159.1	159.0	159.0	159.1
57°	156.7	156.7	156.7	156.7	156.6	156.6
57.5°	154.2	154.3	154.2	154.2	154.3	154.2
58°	151.7	151.9	151.7	151.8	151.7	151.9
58.5°	149.2	149.4	149.2	149.2	149.2	149.4
59°	146.7	146.9	146.7	146.7	146.7	146.8
59.5°	144.2	144.3	144.2	144.2	144.1	144.3
60°	141.6	141.8	141.6	141.7	141.6	141.8
60.5°	139.1	139.1	139.1	139.1	139.1	139.1
61°	136.5	136.6	136.5	136.5	136.5	136.5
61.5°	134.0	134.1	134.0	134.0	134.0	134.1
62°	131.4	131.5	131.4	131.4	131.4	131.5
62.5°	128.8	128.9	128.8	128.7	128.8	128.9
63°	126.1	126.3	126.1	126.2	126.2	126.3
63.5°	123.6	123.6	123.6	123.6	123.6	123.7
64°	120.9	121.1	120.9	120.9	120.9	121.2
64.5°	118.3	118.3	118.3	118.3	118.3	118.5
65°	115.6	115.8	115.6	115.6	115.7	115.8
65.5°	112.9	113.0	112.9	112.9	113.0	113.1
66°	110.3	110.4	110.3	110.2	110.2	110.4

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997194

CATALOG NUMBER: SMX6RLSFS010-900LM-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	102.1	102.2	102.1	102.1	102.2	102.1
68°	99.4	99.5	99.4	99.4	99.5	99.5
68.5°	96.7	96.8	96.7	96.7	96.7	96.8
69°	94.0	94.1	94.0	93.9	93.9	94.0
69.5°	91.2	91.3	91.2	91.2	91.2	91.3
70°	88.4	88.5	88.4	88.5	88.5	88.6
70.5°	85.6	85.8	85.6	85.7	85.7	85.8
71°	82.9	83.1	82.9	82.9	82.9	83.0
71.5°	80.2	80.3	80.2	80.2	80.2	80.2
72°	77.4	77.6	77.4	77.4	77.4	77.5
72.5°	74.7	74.8	74.7	74.7	74.7	74.7
73°	71.9	72.0	71.9	72.0	71.9	72.0
73.5°	69.2	69.3	69.2	69.3	69.3	69.2
74°	66.5	66.6	66.5	66.6	66.6	66.6
74.5°	63.8	63.9	63.8	63.8	63.8	63.8
75°	61.0	61.2	61.0	61.1	61.1	61.0
75.5°	58.3	58.5	58.3	58.4	58.4	58.3
76°	55.6	55.7	55.6	55.7	55.6	55.6
76.5°	52.9	53.0	52.9	53.0	52.9	53.0
77°	50.3	50.4	50.3	50.3	50.3	50.3
77.5°	47.6	47.7	47.6	47.7	47.6	47.6
78°	44.9	45.0	44.9	45.0	45.0	45.0
78.5°	42.3	42.4	42.3	42.4	42.4	42.4
79°	39.7	39.8	39.7	39.7	39.7	39.7
79.5°	37.1	37.2	37.1	37.1	37.1	37.2
80°	34.5	34.6	34.5	34.5	34.5	34.7
80.5°	32.1	32.1	32.1	32.1	32.1	32.1
81°	29.7	29.6	29.7	29.6	29.7	29.6
81.5°	27.2	27.2	27.2	27.2	27.2	27.2
82°	24.8	24.9	24.8	24.9	24.9	24.9
82.5°	22.7	22.6	22.7	22.7	22.6	22.6
83°	20.4	20.4	20.4	20.4	20.4	20.5
83.5°	18.3	18.3	18.3	18.3	18.3	18.3
84°	16.3	16.2	16.3	16.3	16.2	16.3
84.5°	14.4	14.3	14.4	14.3	14.4	14.4
85°	12.5	12.4	12.5	12.5	12.4	12.4
85.5°	10.7	10.7	10.7	10.7	10.7	10.6
86°	9.0	9.0	9.0	9.1	9.1	9.1
86.5°	7.5	7.5	7.5	7.5	7.5	7.5
87°	6.1	6.1	6.1	6.1	6.1	6.1
87.5°	4.9	4.8	4.9	4.9	4.9	4.8
88°	3.8	3.7	3.8	3.8	3.8	3.8
88.5°	2.9	2.8	2.9	2.9	2.8	2.8

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Scaled Data Report



TEST NUMBER: P997194
CATALOG NUMBER: SMX6RLSFS010-900LM-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
90°	0.0	0.0	0.0	0.0	0.0	0.0

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Scaled Data Report

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°	286.0	285.8	285.8	285.9	286.1	285.9	285.8	285.8	286.0	285.8	285.8
22°	284.8	284.7	284.7	284.8	284.9	284.8	284.7	284.7	284.8	284.7	284.7



44°	214.9	214.8	214.7	215.0	215.0	215.0	214.7	214.8	214.9	214.8	214.7
44.5°	212.9	212.8	212.8	212.9	212.9	212.9	212.8	212.8	212.9	212.8	212.8



66.5°	107.6	107.5	107.5	107.6	107.6	107.6	107.5	107.5	107.6	107.5	107.5
67°	104.8	104.9	104.8	104.9	104.9	104.9	104.8	104.9	104.8	104.9	104.8

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

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21.5°	285.9	286.1	285.9	285.8	285.8	286.0
22°	284.8	284.9	284.8	284.7	284.7	284.8

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44°	215.0	215.0	215.0	214.7	214.8	214.9
44.5°	212.9	212.9	212.9	212.8	212.8	212.9

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66.5°	107.6	107.6	107.6	107.5	107.5	107.6
67°	104.9	104.9	104.9	104.8	104.9	104.8

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

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(END OF REPORT)