

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: P997192

Luminaire Tested: **SMX6RLSFS010-900LM-3000K**

Issue Date: 3/11/2025



Test Information

Test Method: LM-41-14
Report Number: P997192
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-3000K
Description: 6IN ROUND, 90CRI, 0-10V DIMMING, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 3000K CCT
Ballast/Driver: -

Summary

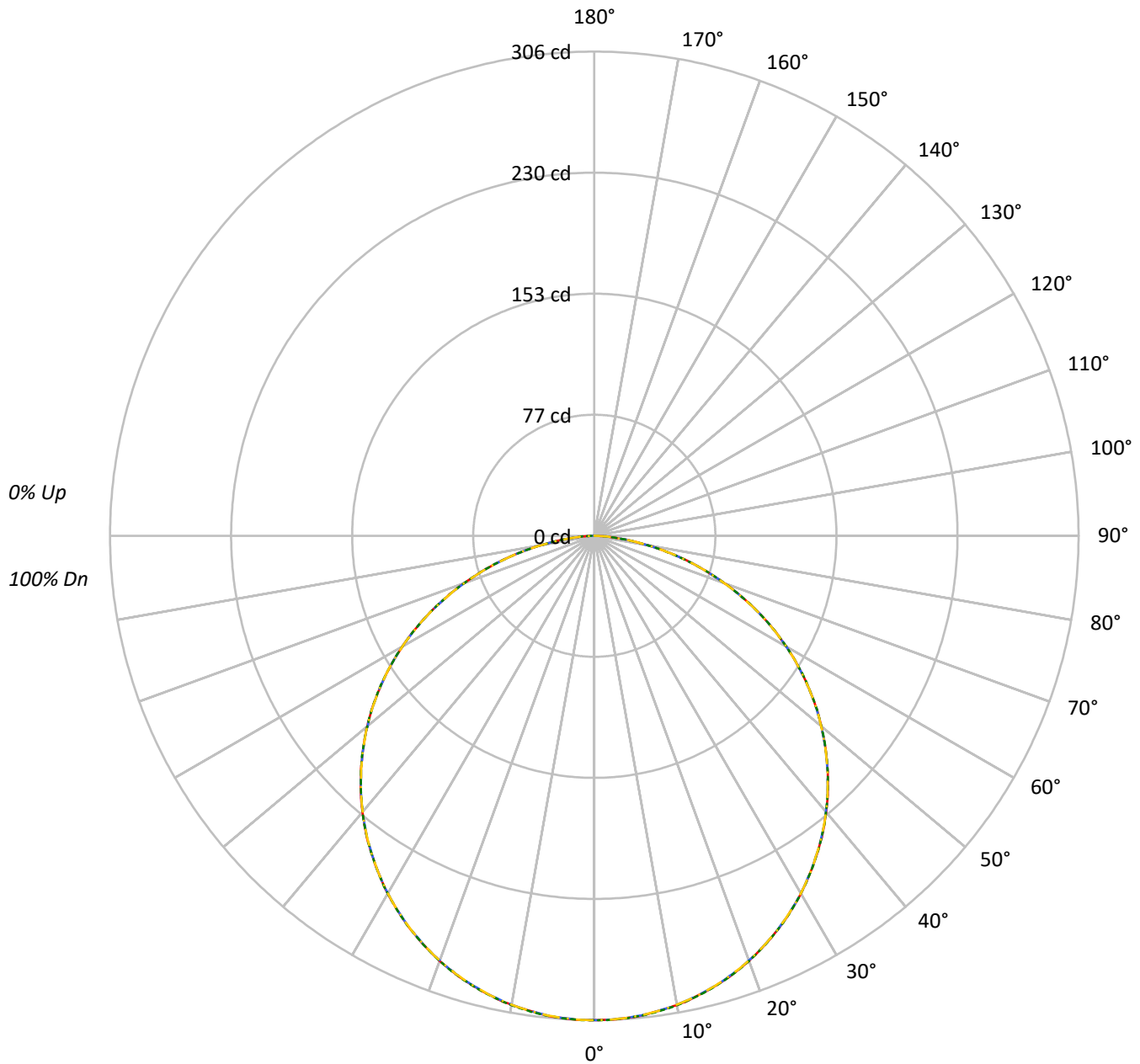
Lumens per Lamp: N/A
Luminaire Lumens: 891.5 lumens
Efficiency: N/A
Efficacy: 104.9 lumens/watt
Spacing Criteria (0/90/45): 1.27 / 1.27 / 1.39
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 8.5
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					10
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°	16780	16780	16780	16780
5°	16790	16784	16790	16784
10°	16767	16767	16767	16767
15°	16725	16731	16725	16731
20°	16679	16679	16679	16679
25°	16610	16604	16610	16604
30°	16528	16528	16528	16528
35°	16423	16423	16423	16423
40°	16309	16302	16309	16302
45°	16164	16164	16164	16164
50°	15974	15965	15974	15965
55°	15713	15732	15713	15732
60°	15361	15361	15361	15361
65°	14852	14839	14852	14839
70°	14025	14025	14025	14025
75°	12772	12814	12772	12814
80°	10828	10797	10828	10797
85°	7737	7674	7737	7674



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	29.0	3.3
10°-20°	83.1	9.3
20°-30°	126.5	14.2
30°-40°	153.5	17.2
40°-50°	160.7	18.0
50°-60°	146.8	16.5
60°-70°	112.9	12.7
70°-80°	63.8	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°	238.6	26.8
0°-40°	392.1	44.0
0°-60°	699.6	78.5
0°-90°	891.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	891.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	306	306	306	306	306	
5°	305	305	305	305	305	29
15°	295	295	295	295	295	83
25°	275	274	275	274	275	127
35°	245	245	245	245	245	154
45°	208	208	208	208	208	161
55°	164	165	164	165	164	147
65°	114	114	114	114	114	113
75°	60	60	60	60	60	64
85°	12	12	12	12	12	15
90°	0	0	0	0	0	

TEST NUMBER: P997192

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	306.1	306.1	306.1	306.1	306.1	306.1	306.1	306.1	306.1	306.1	306.1
0.5°	306.2	305.9	306.2	306.1	306.2	306.1	306.2	305.9	306.2	305.9	306.2
1°	306.1	305.9	306.1	306.2	306.2	306.2	306.1	305.9	306.1	305.9	306.1
1.5°	306.0	305.9	306.0	306.1	306.2	306.1	306.0	305.9	306.0	305.9	306.0
2°	306.2	305.8	306.0	306.0	306.0	306.0	306.0	305.8	306.2	305.8	306.0
2.5°	306.0	305.6	305.8	305.9	305.9	305.9	305.8	305.6	306.0	305.6	305.8
3°	305.9	305.6	305.6	305.8	305.7	305.8	305.6	305.6	305.9	305.6	305.6
3.5°	305.6	305.4	305.5	305.6	305.7	305.6	305.5	305.4	305.6	305.4	305.5
4°	305.3	305.2	305.3	305.4	305.5	305.4	305.3	305.2	305.3	305.2	305.3
4.5°	305.3	305.0	305.0	305.1	305.2	305.1	305.0	305.0	305.3	305.0	305.0
5°	305.1	304.7	304.8	305.0	305.0	305.0	304.8	304.7	305.1	304.7	304.8
5.5°	304.8	304.5	304.7	304.6	304.8	304.6	304.7	304.5	304.8	304.5	304.7
6°	304.4	304.1	304.2	304.3	304.5	304.3	304.2	304.1	304.4	304.1	304.2
6.5°	304.0	303.9	303.8	304.1	304.2	304.1	303.8	303.9	304.0	303.9	303.8
7°	303.5	303.5	303.5	303.6	303.8	303.6	303.5	303.5	303.5	303.5	303.5
7.5°	303.2	303.2	303.1	303.2	303.6	303.2	303.1	303.2	303.2	303.2	303.1
8°	302.8	302.8	302.7	302.8	303.0	302.8	302.7	302.8	302.8	302.8	302.7
8.5°	302.4	302.4	302.3	302.4	302.6	302.4	302.3	302.4	302.4	302.4	302.3
9°	302.1	302.0	301.9	302.0	302.2	302.0	301.9	302.0	302.1	302.0	301.9
9.5°	301.4	301.4	301.4	301.5	301.7	301.5	301.4	301.4	301.4	301.4	301.4
10°	301.2	300.9	300.9	301.0	301.2	301.0	300.9	300.9	301.2	300.9	300.9
10.5°	300.5	300.4	300.3	300.4	300.8	300.4	300.3	300.4	300.5	300.4	300.3
11°	300.2	299.8	299.8	299.9	300.0	299.9	299.8	299.8	300.2	299.8	299.8
11.5°	299.5	299.3	299.3	299.2	299.5	299.2	299.3	299.3	299.5	299.3	299.3
12°	298.9	298.6	298.6	298.7	298.9	298.7	298.6	298.6	298.9	298.6	298.6
12.5°	298.1	297.9	298.1	298.0	298.3	298.0	298.1	297.9	298.1	297.9	298.1
13°	297.5	297.3	297.4	297.4	297.6	297.4	297.4	297.3	297.5	297.3	297.4
13.5°	296.9	296.6	296.7	296.8	297.0	296.8	296.7	296.6	296.9	296.6	296.7
14°	296.2	295.9	295.9	296.0	296.3	296.0	295.9	295.9	296.2	295.9	295.9
14.5°	295.3	295.1	295.2	295.2	295.6	295.2	295.2	295.1	295.3	295.1	295.2
15°	294.7	294.3	294.5	294.5	294.8	294.5	294.5	294.3	294.7	294.3	294.5
15.5°	293.8	293.7	293.7	293.8	294.0	293.8	293.7	293.7	293.8	293.7	293.7
16°	293.2	293.0	292.9	293.1	293.2	293.1	292.9	293.0	293.2	293.0	292.9
16.5°	292.3	292.2	292.1	292.3	292.5	292.3	292.1	292.2	292.3	292.2	292.1
17°	291.6	291.1	291.2	291.4	291.5	291.4	291.2	291.1	291.6	291.1	291.2
17.5°	290.6	290.3	290.4	290.5	290.7	290.5	290.4	290.3	290.6	290.3	290.4
18°	289.7	289.5	289.4	289.6	289.8	289.6	289.4	289.5	289.7	289.5	289.4
18.5°	288.8	288.5	288.7	288.6	288.9	288.6	288.7	288.5	288.8	288.5	288.7
19°	287.8	287.5	287.6	287.8	287.9	287.8	287.6	287.5	287.8	287.5	287.6
19.5°	286.8	286.6	286.6	286.7	286.8	286.7	286.6	286.6	286.8	286.6	286.6
20°	285.9	285.5	285.6	285.7	285.9	285.7	285.6	285.5	285.9	285.5	285.6
20.5°	284.7	284.5	284.6	284.7	284.9	284.7	284.6	284.5	284.7	284.5	284.6
21°	283.8	283.5	283.6	283.7	283.8	283.7	283.6	283.5	283.8	283.5	283.6

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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°	280.4	280.2	280.3	280.3	280.5	280.3	280.3	280.2	280.4	280.2	280.3
23°	279.3	279.1	279.1	279.2	279.4	279.2	279.1	279.1	279.3	279.1	279.1
23.5°	278.1	278.0	277.9	278.0	278.2	278.0	277.9	278.0	278.1	278.0	277.9
24°	277.0	276.7	276.8	276.8	277.0	276.8	276.8	276.7	277.0	276.7	276.8
24.5°	275.7	275.6	275.6	275.6	275.8	275.6	275.6	275.6	275.7	275.6	275.6
25°	274.6	274.4	274.4	274.3	274.5	274.3	274.4	274.4	274.6	274.4	274.4
25.5°	273.3	273.1	273.1	273.1	273.3	273.1	273.1	273.1	273.3	273.1	273.1
26°	272.1	271.9	271.9	271.8	272.2	271.8	271.9	271.9	272.1	271.9	271.9
26.5°	270.7	270.5	270.6	270.5	270.8	270.5	270.6	270.5	270.7	270.5	270.6
27°	269.4	269.2	269.2	269.3	269.4	269.3	269.2	269.2	269.4	269.2	269.2
27.5°	268.0	267.9	267.9	268.0	268.1	268.0	267.9	267.9	268.0	267.9	267.9
28°	266.7	266.5	266.5	266.6	266.8	266.6	266.5	266.5	266.7	266.5	266.5
28.5°	265.3	265.0	265.2	265.2	265.3	265.2	265.2	265.0	265.3	265.0	265.2
29°	263.9	263.7	263.8	263.8	263.9	263.8	263.8	263.7	263.9	263.7	263.8
29.5°	262.5	262.3	262.3	262.4	262.6	262.4	262.3	262.3	262.5	262.3	262.3
30°	261.1	260.8	260.9	261.0	261.1	261.0	260.9	260.8	261.1	260.8	260.9
30.5°	259.6	259.4	259.4	259.5	259.6	259.5	259.4	259.4	259.6	259.4	259.4
31°	258.1	257.9	257.9	258.0	258.2	258.0	257.9	257.9	258.1	257.9	257.9
31.5°	256.5	256.3	256.4	256.4	256.7	256.4	256.4	256.3	256.5	256.3	256.4
32°	255.0	254.8	254.8	254.9	255.0	254.9	254.8	254.8	255.0	254.8	254.8
32.5°	253.4	253.3	253.4	253.3	253.5	253.3	253.4	253.3	253.4	253.3	253.4
33°	251.8	251.7	251.8	251.8	251.9	251.8	251.8	251.7	251.8	251.7	251.8
33.5°	250.3	250.1	250.1	250.2	250.3	250.2	250.1	250.1	250.3	250.1	250.1
34°	248.6	248.5	248.5	248.6	248.7	248.6	248.5	248.5	248.6	248.5	248.5
34.5°	247.0	246.8	246.8	246.9	247.0	246.9	246.8	246.8	247.0	246.8	246.8
35°	245.4	245.1	245.2	245.3	245.4	245.3	245.2	245.1	245.4	245.1	245.2
35.5°	243.7	243.5	243.5	243.7	243.8	243.7	243.5	243.5	243.7	243.5	243.5
36°	242.0	241.7	241.9	242.0	242.1	242.0	241.9	241.7	242.0	241.7	241.9
36.5°	240.4	240.1	240.2	240.3	240.4	240.3	240.2	240.1	240.4	240.1	240.2
37°	238.8	238.4	238.5	238.6	238.7	238.6	238.5	238.4	238.8	238.4	238.5
37.5°	237.0	236.7	236.8	236.8	236.9	236.8	236.8	236.7	237.0	236.7	236.8
38°	235.1	235.0	235.0	235.1	235.2	235.1	235.0	235.0	235.1	235.0	235.0
38.5°	233.4	233.2	233.2	233.3	233.4	233.3	233.2	233.2	233.4	233.2	233.2
39°	231.5	231.5	231.4	231.5	231.7	231.5	231.4	231.5	231.5	231.5	231.4
39.5°	229.8	229.7	229.5	229.8	229.8	229.8	229.5	229.7	229.8	229.7	229.5
40°	227.9	227.8	227.7	227.8	227.8	227.8	227.7	227.8	227.9	227.8	227.7
40.5°	226.0	225.9	225.8	225.9	225.9	225.9	225.8	225.9	226.0	225.9	225.8
41°	224.2	224.0	224.0	224.0	224.0	224.0	224.0	224.0	224.2	224.0	224.0
41.5°	222.4	222.1	222.1	222.1	222.2	222.1	222.1	222.1	222.4	222.1	222.1
42°	220.5	220.2	220.2	220.2	220.3	220.2	220.2	220.2	220.5	220.2	220.2
42.5°	218.4	218.2	218.2	218.2	218.3	218.2	218.2	218.2	218.4	218.2	218.2
43°	216.5	216.3	216.2	216.3	216.3	216.3	216.2	216.3	216.5	216.3	216.2
43.5°	214.4	214.2	214.2	214.4	214.4	214.4	214.2	214.2	214.4	214.2	214.2

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997192

CATALOG NUMBER: SMX6RLSFS010-900LM-3000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	208.5	208.3	208.3	208.3	208.5	208.3	208.3	208.3	208.5	208.3	208.3
45.5°	206.3	206.2	206.2	206.3	206.4	206.3	206.2	206.2	206.3	206.2	206.2
46°	204.2	204.2	204.2	204.3	204.3	204.3	204.2	204.2	204.2	204.2	204.2
46.5°	202.2	202.1	202.1	202.2	202.3	202.2	202.1	202.1	202.2	202.1	202.1
47°	200.1	200.1	200.0	200.1	200.2	200.1	200.0	200.1	200.1	200.1	200.0
47.5°	198.1	197.9	197.8	198.0	198.0	198.0	197.8	197.9	198.1	197.9	197.8
48°	195.8	195.6	195.8	195.8	195.9	195.8	195.8	195.6	195.8	195.6	195.8
48.5°	193.7	193.6	193.6	193.7	193.8	193.7	193.6	193.6	193.7	193.6	193.6
49°	191.5	191.4	191.5	191.5	191.6	191.5	191.5	191.4	191.5	191.4	191.5
49.5°	189.4	189.3	189.4	189.3	189.4	189.3	189.4	189.3	189.4	189.3	189.4
50°	187.3	187.0	187.1	187.1	187.2	187.1	187.1	187.0	187.3	187.0	187.1
50.5°	185.1	184.9	184.9	185.0	185.0	185.0	184.9	184.9	185.1	184.9	184.9
51°	182.8	182.7	182.8	182.8	182.9	182.8	182.8	182.7	182.8	182.7	182.8
51.5°	180.7	180.6	180.5	180.5	180.7	180.5	180.5	180.6	180.7	180.6	180.5
52°	178.5	178.3	178.3	178.3	178.5	178.3	178.3	178.3	178.5	178.3	178.3
52.5°	176.2	176.0	176.0	176.0	176.2	176.0	176.0	176.0	176.2	176.0	176.0
53°	173.9	173.7	173.7	173.8	173.8	173.8	173.7	173.7	173.9	173.7	173.7
53.5°	171.5	171.5	171.4	171.4	171.5	171.4	171.4	171.5	171.5	171.5	171.4
54°	169.2	169.1	169.0	169.0	169.2	169.0	169.0	169.1	169.2	169.1	169.0
54.5°	166.8	166.7	166.7	166.7	166.9	166.7	166.7	166.7	166.8	166.7	166.7
55°	164.4	164.3	164.4	164.3	164.6	164.3	164.4	164.3	164.4	164.3	164.4
55.5°	162.0	161.9	162.0	161.9	162.2	161.9	162.0	161.9	162.0	161.9	162.0
56°	159.6	159.5	159.7	159.7	159.9	159.7	159.7	159.5	159.6	159.5	159.7
56.5°	157.2	157.1	157.2	157.2	157.5	157.2	157.2	157.1	157.2	157.1	157.2
57°	154.8	154.8	154.9	154.8	154.9	154.8	154.9	154.8	154.8	154.8	154.9
57.5°	152.4	152.5	152.4	152.4	152.5	152.4	152.4	152.5	152.4	152.5	152.4
58°	150.1	149.9	150.0	150.0	150.1	150.0	150.0	149.9	150.1	149.9	150.0
58.5°	147.6	147.5	147.5	147.5	147.7	147.5	147.5	147.5	147.6	147.5	147.5
59°	145.1	145.0	145.0	145.0	145.2	145.0	145.0	145.0	145.1	145.0	145.0
59.5°	142.6	142.5	142.5	142.5	142.6	142.5	142.5	142.5	142.6	142.5	142.5
60°	140.1	140.0	140.0	140.0	140.1	140.0	140.0	140.0	140.1	140.0	140.0
60.5°	137.5	137.5	137.5	137.5	137.5	137.5	137.5	137.5	137.5	137.5	137.5
61°	134.9	134.9	134.9	134.9	135.0	134.9	134.9	134.9	134.9	134.9	134.9
61.5°	132.5	132.4	132.4	132.4	132.5	132.4	132.4	132.4	132.5	132.4	132.4
62°	130.0	129.8	129.9	129.8	130.0	129.8	129.9	129.8	130.0	129.8	129.9
62.5°	127.4	127.3	127.2	127.3	127.3	127.3	127.2	127.3	127.4	127.3	127.2
63°	124.8	124.8	124.7	124.7	124.8	124.7	124.7	124.8	124.8	124.8	124.7
63.5°	122.3	122.1	122.2	122.1	122.2	122.1	122.2	122.1	122.3	122.1	122.2
64°	119.7	119.5	119.5	119.5	119.6	119.5	119.5	119.5	119.7	119.5	119.5
64.5°	117.1	116.9	116.9	116.9	117.0	116.9	116.9	116.9	117.1	116.9	116.9
65°	114.5	114.3	114.2	114.3	114.4	114.3	114.2	114.3	114.5	114.3	114.2
65.5°	111.8	111.7	111.6	111.6	111.7	111.6	111.6	111.7	111.8	111.7	111.6
66°	109.1	108.9	108.9	109.0	109.1	109.0	108.9	108.9	109.1	108.9	108.9

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997192

CATALOG NUMBER: SMX6RLSFS010-900LM-3000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	100.9	101.0	100.9	100.9	101.0	100.9	100.9	101.0	100.9	101.0	100.9
68°	98.4	98.4	98.2	98.2	98.3	98.2	98.2	98.4	98.4	98.4	98.2
68.5°	95.7	95.6	95.5	95.6	95.7	95.6	95.5	95.6	95.7	95.6	95.5
69°	92.9	92.8	92.8	92.9	93.0	92.9	92.8	92.8	92.9	92.8	92.8
69.5°	90.2	90.1	90.1	90.1	90.2	90.1	90.1	90.1	90.2	90.1	90.1
70°	87.5	87.4	87.5	87.4	87.5	87.4	87.5	87.4	87.5	87.4	87.5
70.5°	84.8	84.7	84.7	84.6	84.8	84.6	84.7	84.7	84.8	84.7	84.7
71°	82.0	82.0	82.0	82.0	82.1	82.0	82.0	82.0	82.0	82.0	82.0
71.5°	79.3	79.2	79.3	79.2	79.4	79.2	79.3	79.2	79.3	79.2	79.3
72°	76.6	76.5	76.5	76.5	76.7	76.5	76.5	76.5	76.6	76.5	76.5
72.5°	73.9	73.8	73.8	73.8	73.9	73.8	73.8	73.8	73.9	73.8	73.8
73°	71.2	71.1	71.2	71.0	71.2	71.0	71.2	71.1	71.2	71.1	71.2
73.5°	68.4	68.5	68.5	68.4	68.5	68.4	68.5	68.5	68.4	68.5	68.5
74°	65.8	65.8	65.8	65.7	65.9	65.7	65.8	65.8	65.8	65.8	65.8
74.5°	63.1	63.1	63.1	63.0	63.1	63.0	63.1	63.1	63.1	63.1	63.1
75°	60.3	60.4	60.4	60.3	60.5	60.3	60.4	60.4	60.3	60.4	60.4
75.5°	57.6	57.7	57.7	57.7	57.8	57.7	57.7	57.7	57.6	57.7	57.7
76°	55.0	55.0	55.0	55.0	55.1	55.0	55.0	55.0	55.0	55.0	55.0
76.5°	52.3	52.3	52.3	52.3	52.4	52.3	52.3	52.3	52.3	52.3	52.3
77°	49.7	49.7	49.7	49.7	49.8	49.7	49.7	49.7	49.7	49.7	49.7
77.5°	47.1	47.0	47.1	47.0	47.1	47.0	47.1	47.0	47.1	47.0	47.1
78°	44.5	44.4	44.5	44.4	44.5	44.4	44.5	44.4	44.5	44.4	44.5
78.5°	41.9	41.9	41.9	41.8	41.9	41.8	41.9	41.9	41.9	41.9	41.9
79°	39.3	39.3	39.3	39.2	39.3	39.2	39.3	39.3	39.3	39.3	39.3
79.5°	36.7	36.7	36.7	36.7	36.8	36.7	36.7	36.7	36.7	36.7	36.7
80°	34.3	34.1	34.1	34.1	34.2	34.1	34.1	34.1	34.3	34.1	34.1
80.5°	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
81°	29.3	29.3	29.3	29.3	29.2	29.3	29.3	29.3	29.3	29.3	29.3
81.5°	26.8	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.8	26.9	26.9
82°	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
82.5°	22.4	22.3	22.4	22.4	22.3	22.4	22.4	22.3	22.4	22.3	22.4
83°	20.3	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.3	20.2	20.2
83.5°	18.1	18.0	18.1	18.1	18.1	18.1	18.1	18.0	18.1	18.0	18.1
84°	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
84.5°	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
85°	12.3	12.3	12.3	12.3	12.2	12.3	12.3	12.3	12.3	12.3	12.3
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	8.9	8.9	8.9	9.0	9.0	9.0	9.0	9.0
86.5°	7.4	7.4	7.4	7.5	7.4	7.5	7.4	7.4	7.4	7.4	7.4
87°	6.0	6.1	6.1	6.1	6.0	6.1	6.1	6.1	6.0	6.1	6.1
87.5°	4.8	4.8	4.9	4.8	4.7	4.8	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: P997192
CATALOG NUMBER: SMX6RLSFS010-900LM-3000K

CANDELA DISTRIBUTION (continued):

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

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997192

CATALOG NUMBER: SMX6RLSFS010-900LM-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	306.1	306.1	306.1	306.1	306.1	306.1
0.5°	306.1	306.2	306.1	306.2	305.9	306.2
1°	306.2	306.2	306.2	306.1	305.9	306.1
1.5°	306.1	306.2	306.1	306.0	305.9	306.0
2°	306.0	306.0	306.0	306.0	305.8	306.2
2.5°	305.9	305.9	305.9	305.8	305.6	306.0
3°	305.8	305.7	305.8	305.6	305.6	305.9
3.5°	305.6	305.7	305.6	305.5	305.4	305.6
4°	305.4	305.5	305.4	305.3	305.2	305.3
4.5°	305.1	305.2	305.1	305.0	305.0	305.3
5°	305.0	305.0	305.0	304.8	304.7	305.1
5.5°	304.6	304.8	304.6	304.7	304.5	304.8
6°	304.3	304.5	304.3	304.2	304.1	304.4
6.5°	304.1	304.2	304.1	303.8	303.9	304.0
7°	303.6	303.8	303.6	303.5	303.5	303.5
7.5°	303.2	303.6	303.2	303.1	303.2	303.2
8°	302.8	303.0	302.8	302.7	302.8	302.8
8.5°	302.4	302.6	302.4	302.3	302.4	302.4
9°	302.0	302.2	302.0	301.9	302.0	302.1
9.5°	301.5	301.7	301.5	301.4	301.4	301.4
10°	301.0	301.2	301.0	300.9	300.9	301.2
10.5°	300.4	300.8	300.4	300.3	300.4	300.5
11°	299.9	300.0	299.9	299.8	299.8	300.2
11.5°	299.2	299.5	299.2	299.3	299.3	299.5
12°	298.7	298.9	298.7	298.6	298.6	298.9
12.5°	298.0	298.3	298.0	298.1	297.9	298.1
13°	297.4	297.6	297.4	297.4	297.3	297.5
13.5°	296.8	297.0	296.8	296.7	296.6	296.9
14°	296.0	296.3	296.0	295.9	295.9	296.2
14.5°	295.2	295.6	295.2	295.2	295.1	295.3
15°	294.5	294.8	294.5	294.5	294.3	294.7
15.5°	293.8	294.0	293.8	293.7	293.7	293.8
16°	293.1	293.2	293.1	292.9	293.0	293.2
16.5°	292.3	292.5	292.3	292.1	292.2	292.3
17°	291.4	291.5	291.4	291.2	291.1	291.6
17.5°	290.5	290.7	290.5	290.4	290.3	290.6
18°	289.6	289.8	289.6	289.4	289.5	289.7
18.5°	288.6	288.9	288.6	288.7	288.5	288.8
19°	287.8	287.9	287.8	287.6	287.5	287.8
19.5°	286.7	286.8	286.7	286.6	286.6	286.8
20°	285.7	285.9	285.7	285.6	285.5	285.9
20.5°	284.7	284.9	284.7	284.6	284.5	284.7
21°	283.7	283.8	283.7	283.6	283.5	283.8

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997192

CATALOG NUMBER: SMX6RLSFS010-900LM-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	280.3	280.5	280.3	280.3	280.2	280.4
23°	279.2	279.4	279.2	279.1	279.1	279.3
23.5°	278.0	278.2	278.0	277.9	278.0	278.1
24°	276.8	277.0	276.8	276.8	276.7	277.0
24.5°	275.6	275.8	275.6	275.6	275.6	275.7
25°	274.3	274.5	274.3	274.4	274.4	274.6
25.5°	273.1	273.3	273.1	273.1	273.1	273.3
26°	271.8	272.2	271.8	271.9	271.9	272.1
26.5°	270.5	270.8	270.5	270.6	270.5	270.7
27°	269.3	269.4	269.3	269.2	269.2	269.4
27.5°	268.0	268.1	268.0	267.9	267.9	268.0
28°	266.6	266.8	266.6	266.5	266.5	266.7
28.5°	265.2	265.3	265.2	265.2	265.0	265.3
29°	263.8	263.9	263.8	263.8	263.7	263.9
29.5°	262.4	262.6	262.4	262.3	262.3	262.5
30°	261.0	261.1	261.0	260.9	260.8	261.1
30.5°	259.5	259.6	259.5	259.4	259.4	259.6
31°	258.0	258.2	258.0	257.9	257.9	258.1
31.5°	256.4	256.7	256.4	256.4	256.3	256.5
32°	254.9	255.0	254.9	254.8	254.8	255.0
32.5°	253.3	253.5	253.3	253.4	253.3	253.4
33°	251.8	251.9	251.8	251.8	251.7	251.8
33.5°	250.2	250.3	250.2	250.1	250.1	250.3
34°	248.6	248.7	248.6	248.5	248.5	248.6
34.5°	246.9	247.0	246.9	246.8	246.8	247.0
35°	245.3	245.4	245.3	245.2	245.1	245.4
35.5°	243.7	243.8	243.7	243.5	243.5	243.7
36°	242.0	242.1	242.0	241.9	241.7	242.0
36.5°	240.3	240.4	240.3	240.2	240.1	240.4
37°	238.6	238.7	238.6	238.5	238.4	238.8
37.5°	236.8	236.9	236.8	236.8	236.7	237.0
38°	235.1	235.2	235.1	235.0	235.0	235.1
38.5°	233.3	233.4	233.3	233.2	233.2	233.4
39°	231.5	231.7	231.5	231.4	231.5	231.5
39.5°	229.8	229.8	229.8	229.5	229.7	229.8
40°	227.8	227.8	227.8	227.7	227.8	227.9
40.5°	225.9	225.9	225.9	225.8	225.9	226.0
41°	224.0	224.0	224.0	224.0	224.0	224.2
41.5°	222.1	222.2	222.1	222.1	222.1	222.4
42°	220.2	220.3	220.2	220.2	220.2	220.5
42.5°	218.2	218.3	218.2	218.2	218.2	218.4
43°	216.3	216.3	216.3	216.2	216.3	216.5
43.5°	214.4	214.4	214.4	214.2	214.2	214.4

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997192

CATALOG NUMBER: SMX6RLSFS010-900LM-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	208.3	208.5	208.3	208.3	208.3	208.5
45.5°	206.3	206.4	206.3	206.2	206.2	206.3
46°	204.3	204.3	204.3	204.2	204.2	204.2
46.5°	202.2	202.3	202.2	202.1	202.1	202.2
47°	200.1	200.2	200.1	200.0	200.1	200.1
47.5°	198.0	198.0	198.0	197.8	197.9	198.1
48°	195.8	195.9	195.8	195.8	195.6	195.8
48.5°	193.7	193.8	193.7	193.6	193.6	193.7
49°	191.5	191.6	191.5	191.5	191.4	191.5
49.5°	189.3	189.4	189.3	189.4	189.3	189.4
50°	187.1	187.2	187.1	187.1	187.0	187.3
50.5°	185.0	185.0	185.0	184.9	184.9	185.1
51°	182.8	182.9	182.8	182.8	182.7	182.8
51.5°	180.5	180.7	180.5	180.5	180.6	180.7
52°	178.3	178.5	178.3	178.3	178.3	178.5
52.5°	176.0	176.2	176.0	176.0	176.0	176.2
53°	173.8	173.8	173.8	173.7	173.7	173.9
53.5°	171.4	171.5	171.4	171.4	171.5	171.5
54°	169.0	169.2	169.0	169.0	169.1	169.2
54.5°	166.7	166.9	166.7	166.7	166.7	166.8
55°	164.3	164.6	164.3	164.4	164.3	164.4
55.5°	161.9	162.2	161.9	162.0	161.9	162.0
56°	159.7	159.9	159.7	159.7	159.5	159.6
56.5°	157.2	157.5	157.2	157.2	157.1	157.2
57°	154.8	154.9	154.8	154.9	154.8	154.8
57.5°	152.4	152.5	152.4	152.4	152.5	152.4
58°	150.0	150.1	150.0	150.0	149.9	150.1
58.5°	147.5	147.7	147.5	147.5	147.5	147.6
59°	145.0	145.2	145.0	145.0	145.0	145.1
59.5°	142.5	142.6	142.5	142.5	142.5	142.6
60°	140.0	140.1	140.0	140.0	140.0	140.1
60.5°	137.5	137.5	137.5	137.5	137.5	137.5
61°	134.9	135.0	134.9	134.9	134.9	134.9
61.5°	132.4	132.5	132.4	132.4	132.4	132.5
62°	129.8	130.0	129.8	129.9	129.8	130.0
62.5°	127.3	127.3	127.3	127.2	127.3	127.4
63°	124.7	124.8	124.7	124.7	124.8	124.8
63.5°	122.1	122.2	122.1	122.2	122.1	122.3
64°	119.5	119.6	119.5	119.5	119.5	119.7
64.5°	116.9	117.0	116.9	116.9	116.9	117.1
65°	114.3	114.4	114.3	114.2	114.3	114.5
65.5°	111.6	111.7	111.6	111.6	111.7	111.8
66°	109.0	109.1	109.0	108.9	108.9	109.1

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997192

CATALOG NUMBER: SMX6RLSFS010-900LM-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	100.9	101.0	100.9	100.9	101.0	100.9
68°	98.2	98.3	98.2	98.2	98.4	98.4
68.5°	95.6	95.7	95.6	95.5	95.6	95.7
69°	92.9	93.0	92.9	92.8	92.8	92.9
69.5°	90.1	90.2	90.1	90.1	90.1	90.2
70°	87.4	87.5	87.4	87.5	87.4	87.5
70.5°	84.6	84.8	84.6	84.7	84.7	84.8
71°	82.0	82.1	82.0	82.0	82.0	82.0
71.5°	79.2	79.4	79.2	79.3	79.2	79.3
72°	76.5	76.7	76.5	76.5	76.5	76.6
72.5°	73.8	73.9	73.8	73.8	73.8	73.9
73°	71.0	71.2	71.0	71.2	71.1	71.2
73.5°	68.4	68.5	68.4	68.5	68.5	68.4
74°	65.7	65.9	65.7	65.8	65.8	65.8
74.5°	63.0	63.1	63.0	63.1	63.1	63.1
75°	60.3	60.5	60.3	60.4	60.4	60.3
75.5°	57.7	57.8	57.7	57.7	57.7	57.6
76°	55.0	55.1	55.0	55.0	55.0	55.0
76.5°	52.3	52.4	52.3	52.3	52.3	52.3
77°	49.7	49.8	49.7	49.7	49.7	49.7
77.5°	47.0	47.1	47.0	47.1	47.0	47.1
78°	44.4	44.5	44.4	44.5	44.4	44.5
78.5°	41.8	41.9	41.8	41.9	41.9	41.9
79°	39.2	39.3	39.2	39.3	39.3	39.3
79.5°	36.7	36.8	36.7	36.7	36.7	36.7
80°	34.1	34.2	34.1	34.1	34.1	34.3
80.5°	31.7	31.7	31.7	31.7	31.7	31.7
81°	29.3	29.2	29.3	29.3	29.3	29.3
81.5°	26.9	26.9	26.9	26.9	26.9	26.8
82°	24.6	24.6	24.6	24.6	24.6	24.6
82.5°	22.4	22.3	22.4	22.4	22.3	22.4
83°	20.2	20.2	20.2	20.2	20.2	20.3
83.5°	18.1	18.1	18.1	18.1	18.0	18.1
84°	16.1	16.1	16.1	16.1	16.1	16.1
84.5°	14.2	14.2	14.2	14.2	14.2	14.2
85°	12.3	12.2	12.3	12.3	12.3	12.3
85.5°	10.6	10.6	10.6	10.6	10.6	10.5
86°	8.9	8.9	8.9	9.0	9.0	9.0
86.5°	7.5	7.4	7.5	7.4	7.4	7.4
87°	6.1	6.0	6.1	6.1	6.1	6.0
87.5°	4.8	4.7	4.8	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: P997192
CATALOG NUMBER: SMX6RLSFS010-900LM-3000K

CANDELA DISTRIBUTION (continued):

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

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Report Generated By 670245859 / DESKTOP-T8S5UU9

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

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21.5°	282.6	282.4	282.4	282.6	282.8	282.6	282.4	282.4	282.6	282.4	282.4
22°	281.5	281.3	281.4	281.5	281.6	281.5	281.4	281.3	281.5	281.3	281.4



44°	212.4	212.3	212.2	212.4	212.5	212.4	212.2	212.3	212.4	212.3	212.2
44.5°	210.4	210.4	210.3	210.4	210.5	210.4	210.3	210.4	210.4	210.4	210.3



66.5°	106.3	106.2	106.2	106.3	106.4	106.3	106.2	106.2	106.3	106.2	106.2
67°	103.6	103.6	103.6	103.6	103.7	103.6	103.6	103.6	103.6	103.6	103.6

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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°	282.6	282.8	282.6	282.4	282.4	282.6
22°	281.5	281.6	281.5	281.4	281.3	281.5



44°	212.4	212.5	212.4	212.2	212.3	212.4
44.5°	210.4	210.5	210.4	210.3	210.4	210.4

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66.5°	106.3	106.4	106.3	106.2	106.2	106.3
67°	103.6	103.7	103.6	103.6	103.6	103.6

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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)