

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: HALO

Report Number: P938637

Luminaire Tested: SMX6RLSFSD2W-900LM-3000K

Issue Date: 1/9/2025



Test Information

Test Method: LM-79-2019
Report Number: P938637
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (A2405958-01A001)
Test Lab:
Issue Date: 1/9/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: HALO
Catalog Number: SMX6RLSFSD2W-900LM-3000K
Description: 6IN ROUND, 90CRI, DIMMING TO 10%, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 3000K CCT
Ballast/Driver: -

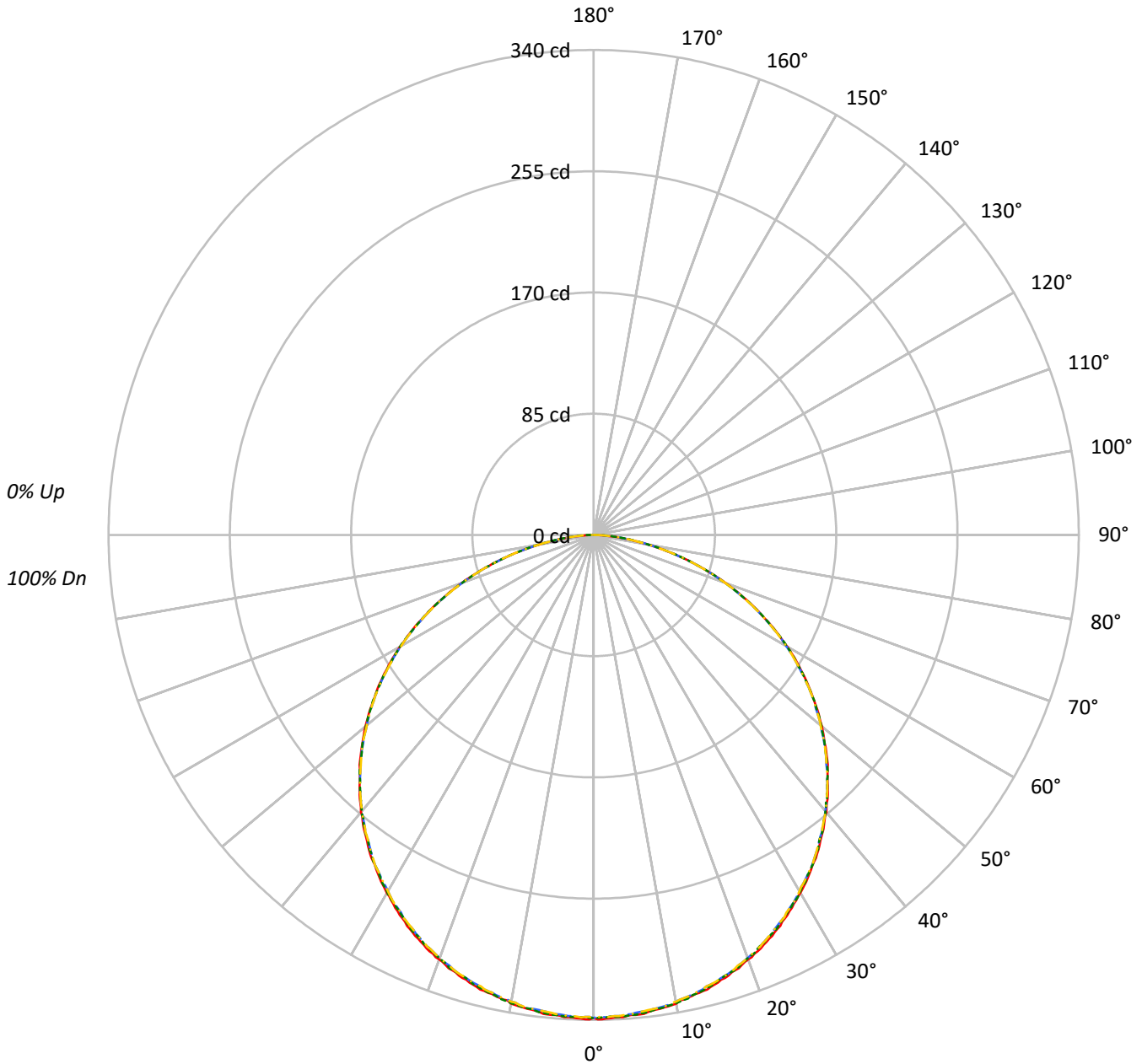
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 992.5 lumens
Efficiency: N/A
Efficacy: 103.4 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): 9.6
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: 24 FT

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CATALOG NUMBER: SMX6RLSFS2W-900LM-3000K

Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20					20					20					20										
RC	80					70					50					30					10					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0					
RCR																										
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100								
1	109	104	99	95	106	101	98	94	97	94	91	93	91	88	90	88	86	83								
2	99	90	83	77	96	88	82	77	85	79	75	81	77	73	78	75	71	69								
3	90	79	71	64	87	77	70	64	74	68	62	72	66	61	69	64	60	58								
4	82	70	61	54	80	69	60	54	66	59	53	64	57	52	61	56	52	49								
5	75	62	53	46	73	61	53	46	59	51	46	57	50	45	55	49	45	43								
6	70	56	47	40	68	55	47	40	53	46	40	52	45	40	50	44	39	37								
7	64	51	42	36	63	50	42	36	48	41	35	47	40	35	46	39	35	33								
8	60	46	38	32	58	46	37	32	44	37	31	43	36	31	42	36	31	29								
9	56	42	34	29	55	42	34	28	41	33	28	40	33	28	39	32	28	26								
10	52	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	25	24								

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	18568	18568	18568	18568
5°	18594	18578	18594	18578
10°	18576	18559	18576	18559
15°	18530	18513	18530	18513
20°	18482	18423	18482	18423
25°	18437	18394	18437	18394
30°	18345	18313	18345	18313
35°	18277	18203	18277	18203
40°	18163	18091	18163	18091
45°	17979	17979	17979	17979
50°	17808	17756	17808	17756
55°	17548	17500	17548	17500
60°	17192	17170	17192	17170
65°	16578	16578	16578	16578
70°	15772	15708	15772	15708
75°	14403	14424	14403	14424
80°	12312	12407	12312	12407
85°	9057	10001	9057	10001

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 89.5°
 Luminance: 26384 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.0	3.2
10°-20°	91.9	9.3
20°-30°	140.1	14.1
30°-40°	170.2	17.2
40°-50°	178.5	18.0
50°-60°	163.5	16.5
60°-70°	126.1	12.7
70°-80°	71.8	7.2
80°-90°	18.4	1.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	264.1	26.6
0°-40°	434.3	43.8
0°-60°	776.2	78.2
0°-90°	992.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	992.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	339	339	339	339	339	
5°	338	338	338	338	338	32
15°	326	326	326	326	326	92
25°	305	304	305	304	305	140
35°	273	272	273	272	273	171
45°	232	232	232	232	232	179
55°	184	183	184	183	184	164
65°	128	128	128	128	128	126
75°	68	68	68	68	68	72
85°	14	16	14	16	14	18
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°	338.7	338.7	338.7	338.7	338.7	338.7	338.7	338.7	338.7	338.7	338.7
0.5°	339.7	338.5	337.9	338.8	338.7	338.8	337.9	338.5	339.7	338.5	337.9
1°	339.6	338.4	337.9	338.4	338.4	338.4	337.9	338.4	339.6	338.4	337.9
1.5°	339.2	338.4	338.3	338.6	338.3	338.6	338.3	338.4	339.2	338.4	338.3
2°	339.1	338.6	337.9	338.6	337.9	338.6	337.9	338.6	339.1	338.6	337.9
2.5°	338.6	338.1	337.6	338.7	338.3	338.7	337.6	338.1	338.6	338.1	337.6
3°	338.6	338.1	337.7	338.4	338.3	338.4	337.7	338.1	338.6	338.1	337.7
3.5°	338.8	337.9	337.4	337.9	338.1	337.9	337.4	337.9	338.8	337.9	337.4
4°	337.9	337.8	337.1	337.6	337.9	337.6	337.1	337.8	337.9	337.8	337.1
4.5°	337.6	337.3	337.0	337.4	337.6	337.4	337.0	337.3	337.6	337.3	337.0
5°	337.9	337.0	336.3	337.2	337.6	337.2	336.3	337.0	337.9	337.0	336.3
5.5°	337.8	336.6	336.0	337.0	337.4	337.0	336.0	336.6	337.8	336.6	336.0
6°	337.6	336.3	335.7	336.6	336.9	336.6	335.7	336.3	337.6	336.3	335.7
6.5°	336.6	336.1	335.3	335.9	336.8	335.9	335.3	336.1	336.6	336.1	335.3
7°	336.1	336.0	335.0	335.7	336.1	335.7	335.0	336.0	336.1	336.0	335.0
7.5°	335.6	335.7	334.8	335.2	335.3	335.2	334.8	335.7	335.6	335.7	334.8
8°	335.5	335.1	334.6	334.6	335.1	334.6	334.6	335.1	335.5	335.1	334.6
8.5°	335.0	334.5	334.1	334.3	335.0	334.3	334.1	334.5	335.0	334.5	334.1
9°	334.7	334.1	333.6	333.7	334.3	333.7	333.6	334.1	334.7	334.1	333.6
9.5°	334.1	333.5	332.5	333.2	333.7	333.2	332.5	333.5	334.1	333.5	332.5
10°	333.7	333.1	332.3	333.0	333.4	333.0	332.3	333.1	333.7	333.1	332.3
10.5°	332.0	332.3	331.4	332.2	332.7	332.2	331.4	332.3	332.0	332.3	331.4
11°	331.9	331.6	330.9	331.7	332.1	331.7	330.9	331.6	331.9	331.6	330.9
11.5°	331.2	331.5	330.4	331.0	331.6	331.0	330.4	331.5	331.2	331.5	330.4
12°	330.6	330.6	329.7	330.5	330.2	330.5	329.7	330.6	330.6	330.6	329.7
12.5°	329.7	330.0	328.6	329.4	329.6	329.4	328.6	330.0	329.7	330.0	328.6
13°	329.5	329.2	328.3	329.0	329.1	329.0	328.3	329.2	329.5	329.2	328.3
13.5°	328.8	328.8	327.6	328.4	328.5	328.4	327.6	328.8	328.8	328.8	327.6
14°	328.5	327.3	326.3	327.3	327.5	327.3	326.3	327.3	328.5	327.3	326.3
14.5°	327.3	326.9	325.8	326.8	326.8	326.8	325.8	326.9	327.3	326.9	325.8
15°	326.5	325.6	325.2	326.3	326.2	326.3	325.2	325.6	326.5	325.6	325.2
15.5°	325.8	324.6	324.3	325.3	324.6	325.3	324.3	324.6	325.8	324.6	324.3
16°	324.4	323.7	323.3	324.2	323.6	324.2	323.3	323.7	324.4	323.7	323.3
16.5°	323.9	322.9	322.6	323.1	322.6	323.1	322.6	322.9	323.9	322.9	322.6
17°	323.0	322.1	321.8	321.9	322.0	321.9	321.8	322.1	323.0	322.1	321.8
17.5°	321.6	321.1	321.0	321.2	321.2	321.2	321.0	321.1	321.6	321.1	321.0
18°	320.9	320.4	319.9	320.2	320.8	320.2	319.9	320.4	320.9	320.4	319.9
18.5°	320.5	319.1	318.4	319.1	319.7	319.1	318.4	319.1	320.5	319.1	318.4
19°	318.9	318.5	317.7	318.3	317.9	318.3	317.7	318.5	318.9	318.5	317.7
19.5°	317.5	317.1	316.7	317.4	317.0	317.4	316.7	317.1	317.5	317.1	316.7
20°	316.8	315.9	315.7	316.0	315.8	316.0	315.7	315.9	316.8	315.9	315.7
20.5°	316.2	314.7	314.5	314.9	314.8	314.9	314.5	314.7	316.2	314.7	314.5
21°	314.5	313.5	313.4	313.8	314.2	313.8	313.4	313.5	314.5	313.5	313.4



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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°	311.0	310.5	309.8	310.8	310.5	310.8	309.8	310.5	311.0	310.5	309.8
23°	309.9	308.8	308.8	309.2	308.8	309.2	308.8	308.8	309.9	308.8	308.8
23.5°	308.6	307.8	307.2	307.8	307.7	307.8	307.2	307.8	308.6	307.8	307.2
24°	307.8	306.7	306.1	306.6	306.4	306.6	306.1	306.7	307.8	306.7	306.1
24.5°	306.1	305.7	304.4	305.1	305.6	305.1	304.4	305.7	306.1	305.7	304.4
25°	304.8	303.9	303.1	303.5	304.1	303.5	303.1	303.9	304.8	303.9	303.1
25.5°	303.8	302.9	301.9	302.3	302.4	302.3	301.9	302.9	303.8	302.9	301.9
26°	301.6	301.2	300.5	300.9	300.9	300.9	300.5	301.2	301.6	301.2	300.5
26.5°	300.4	300.0	299.5	299.4	299.3	299.4	299.5	300.0	300.4	300.0	299.5
27°	299.2	298.2	297.2	298.0	298.0	298.0	297.2	298.2	299.2	298.2	297.2
27.5°	297.4	296.3	296.0	297.0	296.5	297.0	296.0	296.3	297.4	296.3	296.0
28°	296.2	295.5	294.6	295.7	295.3	295.7	294.6	295.5	296.2	295.5	294.6
28.5°	294.2	294.1	293.5	293.6	293.4	293.6	293.5	294.1	294.2	294.1	293.5
29°	292.9	292.7	291.9	292.3	292.5	292.3	291.9	292.7	292.9	292.7	291.9
29.5°	291.0	290.9	290.3	291.1	291.2	291.1	290.3	290.9	291.0	290.9	290.3
30°	289.8	289.7	288.4	289.5	289.3	289.5	288.4	289.7	289.8	289.7	288.4
30.5°	288.2	287.8	286.6	288.0	287.4	288.0	286.6	287.8	288.2	287.8	286.6
31°	286.6	286.1	285.2	286.0	286.1	286.0	285.2	286.1	286.6	286.1	285.2
31.5°	285.2	284.4	283.6	284.5	284.6	284.5	283.6	284.4	285.2	284.4	283.6
32°	283.3	282.7	282.1	282.5	282.4	282.5	282.1	282.7	283.3	282.7	282.1
32.5°	281.5	281.2	280.5	280.8	280.7	280.8	280.5	281.2	281.5	281.2	280.5
33°	279.7	279.5	279.0	279.2	279.0	279.2	279.0	279.5	279.7	279.5	279.0
33.5°	277.7	277.7	277.6	277.3	277.8	277.3	277.6	277.7	277.7	277.7	277.6
34°	276.3	275.7	275.6	275.7	276.2	275.7	275.6	275.7	276.3	275.7	275.6
34.5°	274.9	273.8	273.6	274.2	274.1	274.2	273.6	273.8	274.9	273.8	273.6
35°	273.1	271.8	271.8	272.2	272.0	272.2	271.8	271.8	273.1	271.8	271.8
35.5°	271.1	270.1	269.8	270.1	270.8	270.1	269.8	270.1	271.1	270.1	269.8
36°	269.2	268.6	268.0	268.1	268.2	268.1	268.0	268.6	269.2	268.6	268.0
36.5°	267.1	266.4	266.0	266.6	266.0	266.6	266.0	266.4	267.1	266.4	266.0
37°	265.1	264.5	264.1	264.6	264.5	264.6	264.1	264.5	265.1	264.5	264.1
37.5°	263.3	262.7	262.7	262.3	263.1	262.3	262.7	262.7	263.3	262.7	262.7
38°	261.7	260.6	260.5	260.4	260.9	260.4	260.5	260.6	261.7	260.6	260.5
38.5°	259.5	259.2	258.5	258.9	258.9	258.9	258.5	259.2	259.5	259.2	258.5
39°	257.3	257.0	256.6	256.8	256.3	256.8	256.6	257.0	257.3	257.0	256.6
39.5°	254.9	255.1	254.7	254.7	255.1	254.7	254.7	255.1	254.9	255.1	254.7
40°	253.8	252.9	252.6	252.7	252.8	252.7	252.6	252.9	253.8	252.9	252.6
40.5°	251.2	250.7	250.7	250.4	250.7	250.4	250.7	250.7	251.2	250.7	250.7
41°	249.1	248.7	248.7	248.5	248.2	248.5	248.7	248.7	249.1	248.7	248.7
41.5°	247.3	246.7	246.6	246.4	246.7	246.4	246.6	246.7	247.3	246.7	246.6
42°	245.2	244.6	244.5	244.2	244.2	244.2	244.5	244.6	245.2	244.6	244.5
42.5°	242.8	242.3	242.4	242.3	242.3	242.3	242.4	242.3	242.8	242.3	242.4
43°	240.6	239.9	240.1	240.1	240.1	240.1	240.1	239.9	240.6	239.9	240.1
43.5°	238.1	237.6	237.9	238.1	237.7	238.1	237.9	237.6	238.1	237.6	237.9



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	231.9	231.5	231.0	231.2	231.9	231.2	231.0	231.5	231.9	231.5	231.0
45.5°	230.1	229.2	228.6	229.2	229.3	229.2	228.6	229.2	230.1	229.2	228.6
46°	227.5	227.0	226.5	226.9	227.0	226.9	226.5	227.0	227.5	227.0	226.5
46.5°	225.1	224.8	224.5	224.8	224.5	224.8	224.5	224.8	225.1	224.8	224.5
47°	222.8	222.3	222.2	222.3	222.0	222.3	222.2	222.3	222.8	222.3	222.2
47.5°	220.5	220.0	219.7	219.7	219.9	219.7	219.7	220.0	220.5	220.0	219.7
48°	217.9	217.9	217.3	217.9	217.9	217.9	217.3	217.9	217.9	217.9	217.3
48.5°	215.7	215.5	215.2	215.4	215.4	215.4	215.2	215.5	215.7	215.5	215.2
49°	213.5	213.0	212.4	213.0	212.7	213.0	212.4	213.0	213.5	213.0	212.4
49.5°	211.2	210.7	209.8	210.8	210.3	210.8	209.8	210.7	211.2	210.7	209.8
50°	208.8	208.3	207.6	208.3	208.2	208.3	207.6	208.3	208.8	208.3	207.6
50.5°	206.2	205.8	205.3	205.6	205.8	205.6	205.3	205.8	206.2	205.8	205.3
51°	203.6	203.3	202.9	203.1	203.6	203.1	202.9	203.3	203.6	203.3	202.9
51.5°	201.5	200.7	200.3	200.7	200.9	200.7	200.3	200.7	201.5	200.7	200.3
52°	198.9	198.2	197.8	198.2	198.3	198.2	197.8	198.2	198.9	198.2	197.8
52.5°	196.2	195.7	195.5	195.8	196.2	195.8	195.5	195.7	196.2	195.7	195.5
53°	193.6	193.2	193.0	193.3	193.9	193.3	193.0	193.2	193.6	193.2	193.0
53.5°	190.9	190.6	190.7	190.8	191.1	190.8	190.7	190.6	190.9	190.6	190.7
54°	188.6	188.1	188.2	188.2	188.4	188.2	188.2	188.1	188.6	188.1	188.2
54.5°	186.1	185.6	185.5	185.6	185.7	185.6	185.5	185.6	186.1	185.6	185.5
55°	183.6	183.1	182.8	182.9	183.1	182.9	182.8	183.1	183.6	183.1	182.8
55.5°	181.0	180.3	180.2	180.1	180.6	180.1	180.2	180.3	181.0	180.3	180.2
56°	178.3	177.7	177.5	177.5	178.0	177.5	177.5	177.7	178.3	177.7	177.5
56.5°	175.8	175.1	174.8	174.9	175.5	174.9	174.8	175.1	175.8	175.1	174.8
57°	172.9	172.3	172.2	172.4	172.4	172.4	172.2	172.3	172.9	172.3	172.2
57.5°	170.3	169.6	169.4	169.9	169.8	169.9	169.4	169.6	170.3	169.6	169.4
58°	167.6	167.1	166.8	167.3	167.2	167.3	166.8	167.1	167.6	167.1	166.8
58.5°	165.1	164.4	164.2	164.7	164.7	164.7	164.2	164.4	165.1	164.4	164.2
59°	162.4	161.7	161.5	161.9	161.8	161.9	161.5	161.7	162.4	161.7	161.5
59.5°	159.5	158.9	158.8	159.0	159.3	159.0	158.8	158.9	159.5	158.9	158.8
60°	156.8	156.2	155.8	156.1	156.6	156.1	155.8	156.2	156.8	156.2	155.8
60.5°	153.6	153.5	153.1	153.3	153.9	153.3	153.1	153.5	153.6	153.5	153.1
61°	150.9	150.7	150.4	150.4	151.1	150.4	150.4	150.7	150.9	150.7	150.4
61.5°	148.1	147.7	147.5	147.6	148.2	147.6	147.5	147.7	148.1	147.7	147.5
62°	145.4	145.1	144.7	144.7	145.2	144.7	144.7	145.1	145.4	145.1	144.7
62.5°	142.5	142.1	141.8	142.0	142.1	142.0	141.8	142.1	142.5	142.1	141.8
63°	139.7	139.3	138.9	139.3	139.2	139.3	138.9	139.3	139.7	139.3	138.9
63.5°	136.7	136.3	136.0	136.4	136.4	136.4	136.0	136.3	136.7	136.3	136.0
64°	133.4	133.6	133.3	133.6	133.6	133.6	133.3	133.6	133.4	133.6	133.3
64.5°	130.5	130.5	130.3	130.7	130.7	130.7	130.3	130.5	130.5	130.5	130.3
65°	127.8	127.5	127.5	127.7	127.8	127.7	127.5	127.5	127.8	127.5	127.5
65.5°	125.0	124.6	124.5	124.8	124.9	124.8	124.5	124.6	125.0	124.6	124.5
66°	122.2	121.9	121.6	121.8	121.9	121.8	121.6	121.9	122.2	121.9	121.6



TEST NUMBER: P938637

CATALOG NUMBER: SMX6RLSFS2W-900LM-3000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	113.2	112.7	112.7	113.0	112.8	113.0	112.7	112.7	113.2	112.7	112.7
68°	110.2	109.9	109.7	110.0	109.9	110.0	109.7	109.9	110.2	109.9	109.7
68.5°	107.2	107.0	106.8	107.0	106.8	107.0	106.8	107.0	107.2	107.0	106.8
69°	104.0	104.0	103.8	103.8	104.0	103.8	103.8	104.0	104.0	104.0	103.8
69.5°	101.3	101.0	100.7	100.9	101.0	100.9	100.7	101.0	101.3	101.0	100.7
70°	98.4	98.1	97.7	97.9	98.0	97.9	97.7	98.1	98.4	98.1	97.7
70.5°	95.5	95.0	94.7	95.1	95.1	95.1	94.7	95.0	95.5	95.0	94.7
71°	92.4	92.0	91.7	92.0	92.0	92.0	91.7	92.0	92.4	92.0	91.7
71.5°	89.1	88.9	88.8	89.1	89.0	89.1	88.8	88.9	89.1	88.9	88.8
72°	86.2	85.8	85.9	86.1	85.9	86.1	85.9	85.8	86.2	85.8	85.9
72.5°	83.1	82.8	82.8	83.1	83.1	83.1	82.8	82.8	83.1	82.8	82.8
73°	79.9	79.7	79.7	80.1	80.0	80.1	79.7	79.7	79.9	79.7	79.7
73.5°	76.7	76.9	76.7	77.0	76.9	77.0	76.7	76.9	76.7	76.9	76.7
74°	73.8	73.8	73.7	74.0	74.0	74.0	73.7	73.8	73.8	73.8	73.7
74.5°	71.0	70.7	70.7	71.0	71.0	71.0	70.7	70.7	71.0	70.7	70.7
75°	68.0	67.7	67.6	67.9	68.1	67.9	67.6	67.7	68.0	67.7	67.6
75.5°	64.9	64.8	64.7	65.0	64.9	65.0	64.7	64.8	64.9	64.8	64.7
76°	61.8	61.8	61.8	62.0	62.2	62.0	61.8	61.8	61.8	61.8	61.8
76.5°	58.8	58.8	58.8	59.1	59.2	59.1	58.8	58.8	58.8	58.8	58.8
77°	55.9	55.8	55.9	56.2	56.3	56.2	55.9	55.8	55.9	55.8	55.9
77.5°	53.1	52.8	53.0	53.4	53.4	53.4	53.0	52.8	53.1	52.8	53.0
78°	50.2	50.1	50.2	50.6	50.8	50.6	50.2	50.1	50.2	50.1	50.2
78.5°	47.4	47.2	47.4	47.6	47.8	47.6	47.4	47.2	47.4	47.2	47.4
79°	44.5	44.4	44.6	44.9	45.0	44.9	44.6	44.4	44.5	44.4	44.6
79.5°	41.7	41.6	41.8	42.0	42.1	42.0	41.8	41.6	41.7	41.6	41.8
80°	39.0	38.9	39.0	39.3	39.3	39.3	39.0	38.9	39.0	38.9	39.0
80.5°	36.2	36.2	36.3	36.6	36.6	36.6	36.3	36.2	36.2	36.2	36.3
81°	33.6	33.6	33.7	33.9	33.9	33.9	33.7	33.6	33.6	33.6	33.7
81.5°	30.9	30.9	31.0	31.4	31.5	31.4	31.0	30.9	30.9	30.9	31.0
82°	28.2	28.3	28.5	28.9	29.0	28.9	28.5	28.3	28.2	28.3	28.5
82.5°	25.6	25.7	26.1	26.5	26.6	26.5	26.1	25.7	25.6	25.7	26.1
83°	23.1	23.3	23.7	24.2	24.4	24.2	23.7	23.3	23.1	23.3	23.7
83.5°	20.6	20.9	21.4	21.9	22.2	21.9	21.4	20.9	20.6	20.9	21.4
84°	18.4	18.7	19.2	19.7	20.0	19.7	19.2	18.7	18.4	18.7	19.2
84.5°	16.6	16.4	17.0	17.6	17.9	17.6	17.0	16.4	16.6	16.4	17.0
85°	14.4	14.5	14.9	15.5	15.9	15.5	14.9	14.5	14.4	14.5	14.9
85.5°	12.3	12.5	12.9	13.6	14.1	13.6	12.9	12.5	12.3	12.5	12.9
86°	10.5	10.7	11.2	11.9	12.4	11.9	11.2	10.7	10.5	10.7	11.2
86.5°	8.8	9.0	9.6	10.2	10.8	10.2	9.6	9.0	8.8	9.0	9.6
87°	7.1	7.4	8.1	8.9	9.5	8.9	8.1	7.4	7.1	7.4	8.1
87.5°	5.7	6.0	6.8	7.5	8.2	7.5	6.8	6.0	5.7	6.0	6.8
88°	4.6	4.8	5.5	6.3	7.0	6.3	5.5	4.8	4.6	4.8	5.5
88.5°	3.4	3.7	4.5	5.3	6.0	5.3	4.5	3.7	3.4	3.7	4.5



TEST NUMBER: P938637
CATALOG NUMBER: SMX6RLSFS2W-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



TEST NUMBER: P938637

CATALOG NUMBER: SMX6RLSFSD2W-900LM-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	338.7	338.7	338.7	338.7	338.7	338.7
0.5°	338.8	338.7	338.8	337.9	338.5	339.7
1°	338.4	338.4	338.4	337.9	338.4	339.6
1.5°	338.6	338.3	338.6	338.3	338.4	339.2
2°	338.6	337.9	338.6	337.9	338.6	339.1
2.5°	338.7	338.3	338.7	337.6	338.1	338.6
3°	338.4	338.3	338.4	337.7	338.1	338.6
3.5°	337.9	338.1	337.9	337.4	337.9	338.8
4°	337.6	337.9	337.6	337.1	337.8	337.9
4.5°	337.4	337.6	337.4	337.0	337.3	337.6
5°	337.2	337.6	337.2	336.3	337.0	337.9
5.5°	337.0	337.4	337.0	336.0	336.6	337.8
6°	336.6	336.9	336.6	335.7	336.3	337.6
6.5°	335.9	336.8	335.9	335.3	336.1	336.6
7°	335.7	336.1	335.7	335.0	336.0	336.1
7.5°	335.2	335.3	335.2	334.8	335.7	335.6
8°	334.6	335.1	334.6	334.6	335.1	335.5
8.5°	334.3	335.0	334.3	334.1	334.5	335.0
9°	333.7	334.3	333.7	333.6	334.1	334.7
9.5°	333.2	333.7	333.2	332.5	333.5	334.1
10°	333.0	333.4	333.0	332.3	333.1	333.7
10.5°	332.2	332.7	332.2	331.4	332.3	332.0
11°	331.7	332.1	331.7	330.9	331.6	331.9
11.5°	331.0	331.6	331.0	330.4	331.5	331.2
12°	330.5	330.2	330.5	329.7	330.6	330.6
12.5°	329.4	329.6	329.4	328.6	330.0	329.7
13°	329.0	329.1	329.0	328.3	329.2	329.5
13.5°	328.4	328.5	328.4	327.6	328.8	328.8
14°	327.3	327.5	327.3	326.3	327.3	328.5
14.5°	326.8	326.8	326.8	325.8	326.9	327.3
15°	326.3	326.2	326.3	325.2	325.6	326.5
15.5°	325.3	324.6	325.3	324.3	324.6	325.8
16°	324.2	323.6	324.2	323.3	323.7	324.4
16.5°	323.1	322.6	323.1	322.6	322.9	323.9
17°	321.9	322.0	321.9	321.8	322.1	323.0
17.5°	321.2	321.2	321.2	321.0	321.1	321.6
18°	320.2	320.8	320.2	319.9	320.4	320.9
18.5°	319.1	319.7	319.1	318.4	319.1	320.5
19°	318.3	317.9	318.3	317.7	318.5	318.9
19.5°	317.4	317.0	317.4	316.7	317.1	317.5
20°	316.0	315.8	316.0	315.7	315.9	316.8
20.5°	314.9	314.8	314.9	314.5	314.7	316.2
21°	313.8	314.2	313.8	313.4	313.5	314.5

TEST NUMBER: P938637

CATALOG NUMBER: SMX6RLSFSD2W-900LM-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	310.8	310.5	310.8	309.8	310.5	311.0
23°	309.2	308.8	309.2	308.8	308.8	309.9
23.5°	307.8	307.7	307.8	307.2	307.8	308.6
24°	306.6	306.4	306.6	306.1	306.7	307.8
24.5°	305.1	305.6	305.1	304.4	305.7	306.1
25°	303.5	304.1	303.5	303.1	303.9	304.8
25.5°	302.3	302.4	302.3	301.9	302.9	303.8
26°	300.9	300.9	300.9	300.5	301.2	301.6
26.5°	299.4	299.3	299.4	299.5	300.0	300.4
27°	298.0	298.0	298.0	297.2	298.2	299.2
27.5°	297.0	296.5	297.0	296.0	296.3	297.4
28°	295.7	295.3	295.7	294.6	295.5	296.2
28.5°	293.6	293.4	293.6	293.5	294.1	294.2
29°	292.3	292.5	292.3	291.9	292.7	292.9
29.5°	291.1	291.2	291.1	290.3	290.9	291.0
30°	289.5	289.3	289.5	288.4	289.7	289.8
30.5°	288.0	287.4	288.0	286.6	287.8	288.2
31°	286.0	286.1	286.0	285.2	286.1	286.6
31.5°	284.5	284.6	284.5	283.6	284.4	285.2
32°	282.5	282.4	282.5	282.1	282.7	283.3
32.5°	280.8	280.7	280.8	280.5	281.2	281.5
33°	279.2	279.0	279.2	279.0	279.5	279.7
33.5°	277.3	277.8	277.3	277.6	277.7	277.7
34°	275.7	276.2	275.7	275.6	275.7	276.3
34.5°	274.2	274.1	274.2	273.6	273.8	274.9
35°	272.2	272.0	272.2	271.8	271.8	273.1
35.5°	270.1	270.8	270.1	269.8	270.1	271.1
36°	268.1	268.2	268.1	268.0	268.6	269.2
36.5°	266.6	266.0	266.6	266.0	266.4	267.1
37°	264.6	264.5	264.6	264.1	264.5	265.1
37.5°	262.3	263.1	262.3	262.7	262.7	263.3
38°	260.4	260.9	260.4	260.5	260.6	261.7
38.5°	258.9	258.9	258.9	258.5	259.2	259.5
39°	256.8	256.3	256.8	256.6	257.0	257.3
39.5°	254.7	255.1	254.7	254.7	255.1	254.9
40°	252.7	252.8	252.7	252.6	252.9	253.8
40.5°	250.4	250.7	250.4	250.7	250.7	251.2
41°	248.5	248.2	248.5	248.7	248.7	249.1
41.5°	246.4	246.7	246.4	246.6	246.7	247.3
42°	244.2	244.2	244.2	244.5	244.6	245.2
42.5°	242.3	242.3	242.3	242.4	242.3	242.8
43°	240.1	240.1	240.1	240.1	239.9	240.6
43.5°	238.1	237.7	238.1	237.9	237.6	238.1



TEST NUMBER: P938637

CATALOG NUMBER: SMX6RLSFSD2W-900LM-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	231.2	231.9	231.2	231.0	231.5	231.9
45.5°	229.2	229.3	229.2	228.6	229.2	230.1
46°	226.9	227.0	226.9	226.5	227.0	227.5
46.5°	224.8	224.5	224.8	224.5	224.8	225.1
47°	222.3	222.0	222.3	222.2	222.3	222.8
47.5°	219.7	219.9	219.7	219.7	220.0	220.5
48°	217.9	217.9	217.9	217.3	217.9	217.9
48.5°	215.4	215.4	215.4	215.2	215.5	215.7
49°	213.0	212.7	213.0	212.4	213.0	213.5
49.5°	210.8	210.3	210.8	209.8	210.7	211.2
50°	208.3	208.2	208.3	207.6	208.3	208.8
50.5°	205.6	205.8	205.6	205.3	205.8	206.2
51°	203.1	203.6	203.1	202.9	203.3	203.6
51.5°	200.7	200.9	200.7	200.3	200.7	201.5
52°	198.2	198.3	198.2	197.8	198.2	198.9
52.5°	195.8	196.2	195.8	195.5	195.7	196.2
53°	193.3	193.9	193.3	193.0	193.2	193.6
53.5°	190.8	191.1	190.8	190.7	190.6	190.9
54°	188.2	188.4	188.2	188.2	188.1	188.6
54.5°	185.6	185.7	185.6	185.5	185.6	186.1
55°	182.9	183.1	182.9	182.8	183.1	183.6
55.5°	180.1	180.6	180.1	180.2	180.3	181.0
56°	177.5	178.0	177.5	177.5	177.7	178.3
56.5°	174.9	175.5	174.9	174.8	175.1	175.8
57°	172.4	172.4	172.4	172.2	172.3	172.9
57.5°	169.9	169.8	169.9	169.4	169.6	170.3
58°	167.3	167.2	167.3	166.8	167.1	167.6
58.5°	164.7	164.7	164.7	164.2	164.4	165.1
59°	161.9	161.8	161.9	161.5	161.7	162.4
59.5°	159.0	159.3	159.0	158.8	158.9	159.5
60°	156.1	156.6	156.1	155.8	156.2	156.8
60.5°	153.3	153.9	153.3	153.1	153.5	153.6
61°	150.4	151.1	150.4	150.4	150.7	150.9
61.5°	147.6	148.2	147.6	147.5	147.7	148.1
62°	144.7	145.2	144.7	144.7	145.1	145.4
62.5°	142.0	142.1	142.0	141.8	142.1	142.5
63°	139.3	139.2	139.3	138.9	139.3	139.7
63.5°	136.4	136.4	136.4	136.0	136.3	136.7
64°	133.6	133.6	133.6	133.3	133.6	133.4
64.5°	130.7	130.7	130.7	130.3	130.5	130.5
65°	127.7	127.8	127.7	127.5	127.5	127.8
65.5°	124.8	124.9	124.8	124.5	124.6	125.0
66°	121.8	121.9	121.8	121.6	121.9	122.2



TEST NUMBER: P938637

CATALOG NUMBER: SMX6RLSFSD2W-900LM-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	113.0	112.8	113.0	112.7	112.7	113.2
68°	110.0	109.9	110.0	109.7	109.9	110.2
68.5°	107.0	106.8	107.0	106.8	107.0	107.2
69°	103.8	104.0	103.8	103.8	104.0	104.0
69.5°	100.9	101.0	100.9	100.7	101.0	101.3
70°	97.9	98.0	97.9	97.7	98.1	98.4
70.5°	95.1	95.1	95.1	94.7	95.0	95.5
71°	92.0	92.0	92.0	91.7	92.0	92.4
71.5°	89.1	89.0	89.1	88.8	88.9	89.1
72°	86.1	85.9	86.1	85.9	85.8	86.2
72.5°	83.1	83.1	83.1	82.8	82.8	83.1
73°	80.1	80.0	80.1	79.7	79.7	79.9
73.5°	77.0	76.9	77.0	76.7	76.9	76.7
74°	74.0	74.0	74.0	73.7	73.8	73.8
74.5°	71.0	71.0	71.0	70.7	70.7	71.0
75°	67.9	68.1	67.9	67.6	67.7	68.0
75.5°	65.0	64.9	65.0	64.7	64.8	64.9
76°	62.0	62.2	62.0	61.8	61.8	61.8
76.5°	59.1	59.2	59.1	58.8	58.8	58.8
77°	56.2	56.3	56.2	55.9	55.8	55.9
77.5°	53.4	53.4	53.4	53.0	52.8	53.1
78°	50.6	50.8	50.6	50.2	50.1	50.2
78.5°	47.6	47.8	47.6	47.4	47.2	47.4
79°	44.9	45.0	44.9	44.6	44.4	44.5
79.5°	42.0	42.1	42.0	41.8	41.6	41.7
80°	39.3	39.3	39.3	39.0	38.9	39.0
80.5°	36.6	36.6	36.6	36.3	36.2	36.2
81°	33.9	33.9	33.9	33.7	33.6	33.6
81.5°	31.4	31.5	31.4	31.0	30.9	30.9
82°	28.9	29.0	28.9	28.5	28.3	28.2
82.5°	26.5	26.6	26.5	26.1	25.7	25.6
83°	24.2	24.4	24.2	23.7	23.3	23.1
83.5°	21.9	22.2	21.9	21.4	20.9	20.6
84°	19.7	20.0	19.7	19.2	18.7	18.4
84.5°	17.6	17.9	17.6	17.0	16.4	16.6
85°	15.5	15.9	15.5	14.9	14.5	14.4
85.5°	13.6	14.1	13.6	12.9	12.5	12.3
86°	11.9	12.4	11.9	11.2	10.7	10.5
86.5°	10.2	10.8	10.2	9.6	9.0	8.8
87°	8.9	9.5	8.9	8.1	7.4	7.1
87.5°	7.5	8.2	7.5	6.8	6.0	5.7
88°	6.3	7.0	6.3	5.5	4.8	4.6
88.5°	5.3	6.0	5.3	4.5	3.7	3.4



TEST NUMBER: P938637
CATALOG NUMBER: SMX6RLSFSD2W-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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Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



Report Generated By 670245859 / DESKTOP-T8S5UU9

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

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21.5°	313.8	312.7	312.2	313.0	312.4	313.0	312.2	312.7	313.8	312.7	312.2
22°	312.7	311.5	311.3	311.6	311.0	311.6	311.3	311.5	312.7	311.5	311.3



44°	236.0	235.7	235.7	235.8	236.0	235.8	235.7	235.7	236.0	235.7	235.7
44.5°	233.9	233.7	233.4	233.6	234.1	233.6	233.4	233.7	233.9	233.7	233.4



66.5°	119.1	118.9	118.6	118.8	118.9	118.8	118.6	118.9	119.1	118.9	118.6
67°	116.2	115.8	115.7	115.9	115.8	115.9	115.7	115.8	116.2	115.8	115.7



89°	2.6	2.8	3.6	4.4	5.0	4.4	3.6	2.8	2.6	2.8	3.6
89.5°	1.8	2.1	2.8	3.6	4.2	3.6	2.8	2.1	1.8	2.1	2.8

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21.5°	313.0	312.4	313.0	312.2	312.7	313.8
22°	311.6	311.0	311.6	311.3	311.5	312.7

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44°	235.8	236.0	235.8	235.7	235.7	236.0
44.5°	233.6	234.1	233.6	233.4	233.7	233.9



66.5°	118.8	118.9	118.8	118.6	118.9	119.1
67°	115.9	115.8	115.9	115.7	115.8	116.2



89°	4.4	5.0	4.4	3.6	2.8	2.6
89.5°	3.6	4.2	3.6	2.8	2.1	1.8

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(END OF REPORT)