

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: P938638

Luminaire Tested: SMX6RLSFSD2W-900LM-3500K

Issue Date: 1/9/2025

Test Information

Test Method: LM-79-2019
Report Number: P938638
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-3500K
Description: 6IN ROUND, 90CRI, DIMMING TO 10%, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 3500K CCT
Ballast/Driver: -

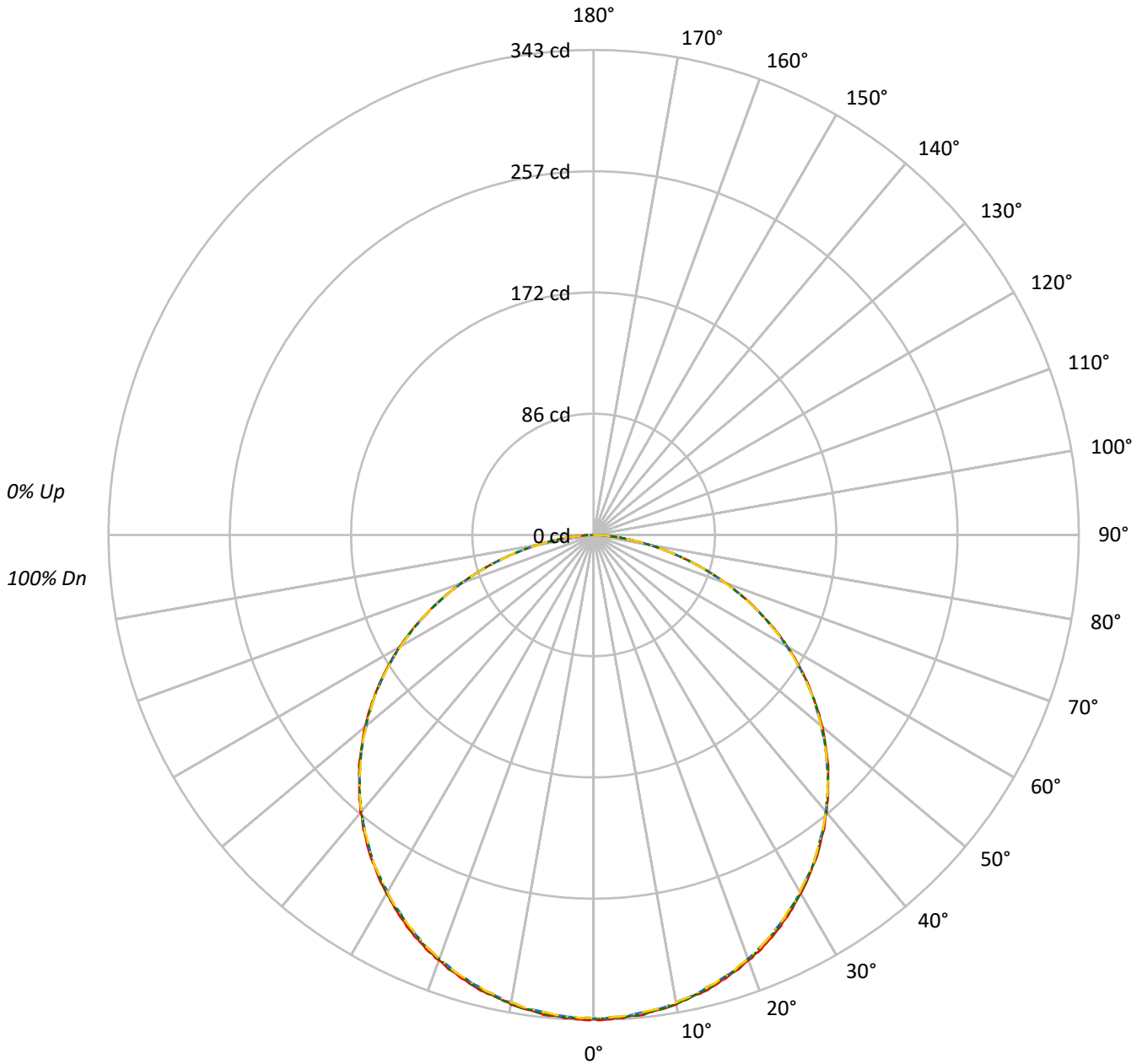
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1003.1 lumens
Efficiency: N/A
Efficacy: 104.5 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 (A_{in}): 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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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°	18765	18765	18765	18765
5°	18793	18776	18793	18776
10°	18776	18754	18776	18754
15°	18729	18712	18729	18712
20°	18680	18622	18680	18622
25°	18630	18594	18630	18594
30°	18541	18509	18541	18509
35°	18471	18397	18471	18397
40°	18356	18284	18356	18284
45°	18172	18172	18172	18172
50°	18004	17944	18004	17944
55°	17729	17682	17729	17682
60°	17367	17345	17367	17345
65°	16759	16759	16759	16759
70°	15948	15884	15948	15884
75°	14551	14572	14551	14572
80°	12438	12565	12438	12565
85°	9120	10127	9120	10127

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°	32.4	3.2
10°-20°	92.9	9.3
20°-30°	141.6	14.1
30°-40°	172.0	17.2
40°-50°	180.4	18.0
50°-60°	165.2	16.5
60°-70°	127.5	12.7
70°-80°	72.6	7.2
80°-90°	18.6	1.9
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°	266.9	26.6
0°-40°	438.9	43.8
0°-60°	784.5	78.2
0°-90°	1003.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1003.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	342	342	342	342	342	
5°	342	341	342	341	342	32
15°	330	330	330	330	330	93
25°	308	307	308	307	308	142
35°	276	275	276	275	276	172
45°	234	234	234	234	234	181
55°	186	185	186	185	186	166
65°	129	129	129	129	129	128
75°	69	69	69	69	69	73
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°	342.3	342.3	342.3	342.3	342.3	342.3	342.3	342.3	342.3	342.3	342.3
0.5°	343.3	342.1	341.5	342.4	342.3	342.4	341.5	342.1	343.3	342.1	341.5
1°	343.3	342.0	341.5	342.0	342.0	342.0	341.5	342.0	343.3	342.0	341.5
1.5°	342.8	342.0	341.9	342.3	341.9	342.3	341.9	342.0	342.8	342.0	341.9
2°	342.8	342.2	341.5	342.2	341.5	342.2	341.5	342.2	342.8	342.2	341.5
2.5°	342.2	341.8	341.2	342.3	341.9	342.3	341.2	341.8	342.2	341.8	341.2
3°	342.2	341.7	341.3	342.0	341.9	342.0	341.3	341.7	342.2	341.7	341.3
3.5°	342.4	341.5	341.0	341.5	341.8	341.5	341.0	341.5	342.4	341.5	341.0
4°	341.5	341.4	340.7	341.2	341.5	341.2	340.7	341.4	341.5	341.4	340.7
4.5°	341.2	340.9	340.6	341.0	341.2	341.0	340.6	340.9	341.2	340.9	340.6
5°	341.5	340.6	339.9	340.8	341.2	340.8	339.9	340.6	341.5	340.6	339.9
5.5°	341.4	340.2	339.6	340.6	341.0	340.6	339.6	340.2	341.4	340.2	339.6
6°	341.2	339.9	339.3	340.2	340.5	340.2	339.3	339.9	341.2	339.9	339.3
6.5°	340.2	339.7	338.9	339.5	340.4	339.5	338.9	339.7	340.2	339.7	338.9
7°	339.7	339.6	338.6	339.2	339.7	339.2	338.6	339.6	339.7	339.6	338.6
7.5°	339.2	339.2	338.4	338.7	338.9	338.7	338.4	339.2	339.2	339.2	338.4
8°	339.1	338.7	338.2	338.2	338.7	338.2	338.2	338.7	339.1	338.7	338.2
8.5°	338.6	338.1	337.7	337.9	338.6	337.9	337.7	338.1	338.6	338.1	337.7
9°	338.2	337.7	337.1	337.2	337.9	337.2	337.1	337.7	338.2	337.7	337.1
9.5°	337.7	337.1	336.1	336.8	337.3	336.8	336.1	337.1	337.7	337.1	336.1
10°	337.3	336.6	335.9	336.6	336.9	336.6	335.9	336.6	337.3	336.6	335.9
10.5°	335.6	335.9	334.9	335.7	336.2	335.7	334.9	335.9	335.6	335.9	334.9
11°	335.4	335.1	334.4	335.3	335.6	335.3	334.4	335.1	335.4	335.1	334.4
11.5°	334.7	335.0	333.9	334.5	335.1	334.5	333.9	335.0	334.7	335.0	333.9
12°	334.1	334.1	333.3	334.1	333.7	334.1	333.3	334.1	334.1	334.1	333.3
12.5°	333.2	333.6	332.1	332.9	333.1	332.9	332.1	333.6	333.2	333.6	332.1
13°	333.1	332.7	331.8	332.5	332.6	332.5	331.8	332.7	333.1	332.7	331.8
13.5°	332.3	332.3	331.1	331.9	332.0	331.9	331.1	332.3	332.3	332.3	331.1
14°	332.0	330.8	329.7	330.8	331.0	330.8	329.7	330.8	332.0	330.8	329.7
14.5°	330.8	330.4	329.2	330.2	330.3	330.2	329.2	330.4	330.8	330.4	329.2
15°	330.0	329.0	328.7	329.7	329.7	329.7	328.7	329.0	330.0	329.0	328.7
15.5°	329.2	328.1	327.7	328.7	328.1	328.7	327.7	328.1	329.2	328.1	327.7
16°	327.9	327.2	326.7	327.7	327.1	327.7	326.7	327.2	327.9	327.2	326.7
16.5°	327.4	326.4	326.0	326.6	326.0	326.6	326.0	326.4	327.4	326.4	326.0
17°	326.4	325.5	325.2	325.4	325.4	325.4	325.2	325.5	326.4	325.5	325.2
17.5°	325.0	324.6	324.4	324.6	324.6	324.6	324.4	324.6	325.0	324.6	324.4
18°	324.4	323.8	323.3	323.6	324.2	323.6	323.3	323.8	324.4	323.8	323.3
18.5°	323.9	322.5	321.8	322.6	323.1	322.6	321.8	322.5	323.9	322.5	321.8
19°	322.3	321.9	321.0	321.7	321.3	321.7	321.0	321.9	322.3	321.9	321.0
19.5°	320.9	320.5	320.1	320.8	320.4	320.8	320.1	320.5	320.9	320.5	320.1
20°	320.2	319.3	319.1	319.4	319.2	319.4	319.1	319.3	320.2	319.3	319.1
20.5°	319.6	318.0	317.9	318.2	318.2	318.2	317.9	318.0	319.6	318.0	317.9
21°	317.8	316.9	316.7	317.2	317.6	317.2	316.7	316.9	317.8	316.9	316.7



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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°	314.4	313.9	313.1	314.1	313.8	314.1	313.1	313.9	314.4	313.9	313.1
23°	313.2	312.1	312.1	312.5	312.1	312.5	312.1	312.1	313.2	312.1	312.1
23.5°	311.9	311.1	310.5	311.1	311.0	311.1	310.5	311.1	311.9	311.1	310.5
24°	311.1	310.0	309.4	309.8	309.7	309.8	309.4	310.0	311.1	310.0	309.4
24.5°	309.4	309.0	307.7	308.3	308.8	308.3	307.7	309.0	309.4	309.0	307.7
25°	308.0	307.2	306.4	306.7	307.4	306.7	306.4	307.2	308.0	307.2	306.4
25.5°	307.0	306.1	305.1	305.5	305.6	305.5	305.1	306.1	307.0	306.1	305.1
26°	304.8	304.4	303.7	304.1	304.2	304.1	303.7	304.4	304.8	304.4	303.7
26.5°	303.7	303.2	302.7	302.6	302.5	302.6	302.7	303.2	303.7	303.2	302.7
27°	302.4	301.4	300.4	301.1	301.2	301.1	300.4	301.4	302.4	301.4	300.4
27.5°	300.6	299.5	299.2	300.1	299.7	300.1	299.2	299.5	300.6	299.5	299.2
28°	299.4	298.6	297.8	298.8	298.5	298.8	297.8	298.6	299.4	298.6	297.8
28.5°	297.3	297.3	296.6	296.7	296.5	296.7	296.6	297.3	297.3	297.3	296.6
29°	296.0	295.8	295.0	295.5	295.6	295.5	295.0	295.8	296.0	295.8	295.0
29.5°	294.1	294.0	293.4	294.2	294.3	294.2	293.4	294.0	294.1	294.0	293.4
30°	292.9	292.8	291.5	292.6	292.4	292.6	291.5	292.8	292.9	292.8	291.5
30.5°	291.3	290.9	289.7	291.1	290.4	291.1	289.7	290.9	291.3	290.9	289.7
31°	289.7	289.2	288.2	289.1	289.1	289.1	288.2	289.2	289.7	289.2	288.2
31.5°	288.2	287.4	286.6	287.5	287.6	287.5	286.6	287.4	288.2	287.4	286.6
32°	286.3	285.7	285.1	285.5	285.5	285.5	285.1	285.7	286.3	285.7	285.1
32.5°	284.5	284.2	283.5	283.8	283.7	283.8	283.5	284.2	284.5	284.2	283.5
33°	282.7	282.5	282.0	282.2	281.9	282.2	282.0	282.5	282.7	282.5	282.0
33.5°	280.6	280.6	280.6	280.3	280.7	280.3	280.6	280.6	280.6	280.6	280.6
34°	279.3	278.6	278.6	278.6	279.1	278.6	278.6	278.6	279.3	278.6	278.6
34.5°	277.8	276.8	276.5	277.1	277.0	277.1	276.5	276.8	277.8	276.8	276.5
35°	276.0	274.8	274.8	275.1	274.9	275.1	274.8	274.8	276.0	274.8	274.8
35.5°	274.0	273.0	272.7	273.0	273.7	273.0	272.7	273.0	274.0	273.0	272.7
36°	272.1	271.4	270.9	270.9	271.0	270.9	270.9	271.4	272.1	271.4	270.9
36.5°	269.9	269.2	268.9	269.4	268.9	269.4	268.9	269.2	269.9	269.2	268.9
37°	267.9	267.3	266.9	267.4	267.3	267.4	266.9	267.3	267.9	267.3	266.9
37.5°	266.1	265.6	265.5	265.1	265.9	265.1	265.5	265.6	266.1	265.6	265.5
38°	264.5	263.4	263.3	263.2	263.7	263.2	263.3	263.4	264.5	263.4	263.3
38.5°	262.3	262.0	261.3	261.7	261.7	261.7	261.3	262.0	262.3	262.0	261.3
39°	260.0	259.7	259.4	259.5	259.1	259.5	259.4	259.7	260.0	259.7	259.4
39.5°	257.6	257.8	257.4	257.4	257.8	257.4	257.4	257.8	257.6	257.8	257.4
40°	256.5	255.6	255.3	255.4	255.5	255.4	255.3	255.6	256.5	255.6	255.3
40.5°	253.9	253.4	253.4	253.1	253.4	253.1	253.4	253.4	253.9	253.4	253.4
41°	251.7	251.4	251.3	251.2	250.8	251.2	251.3	251.4	251.7	251.4	251.3
41.5°	250.0	249.3	249.2	249.0	249.4	249.0	249.2	249.3	250.0	249.3	249.2
42°	247.8	247.2	247.1	246.8	246.8	246.8	247.1	247.2	247.8	247.2	247.1
42.5°	245.4	244.9	245.0	244.8	244.9	244.8	245.0	244.9	245.4	244.9	245.0
43°	243.1	242.5	242.6	242.7	242.6	242.7	242.6	242.5	243.1	242.5	242.6
43.5°	240.7	240.1	240.4	240.6	240.2	240.6	240.4	240.1	240.7	240.1	240.4



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	234.4	234.0	233.4	233.7	234.4	233.7	233.4	234.0	234.4	234.0	233.4
45.5°	232.6	231.6	231.0	231.6	231.8	231.6	231.0	231.6	232.6	231.6	231.0
46°	230.0	229.5	228.9	229.3	229.5	229.3	228.9	229.5	230.0	229.5	228.9
46.5°	227.5	227.2	226.9	227.2	226.9	227.2	226.9	227.2	227.5	227.2	226.9
47°	225.1	224.6	224.6	224.6	224.4	224.6	224.6	224.6	225.1	224.6	224.6
47.5°	222.8	222.3	222.1	222.1	222.3	222.1	222.1	222.3	222.8	222.3	222.1
48°	220.3	220.2	219.6	220.2	220.3	220.2	219.6	220.2	220.3	220.2	219.6
48.5°	218.0	217.8	217.5	217.7	217.7	217.7	217.5	217.8	218.0	217.8	217.5
49°	215.8	215.3	214.7	215.3	215.0	215.3	214.7	215.3	215.8	215.3	214.7
49.5°	213.4	212.9	212.0	213.0	212.5	213.0	212.0	212.9	213.4	212.9	212.0
50°	211.1	210.5	209.8	210.5	210.4	210.5	209.8	210.5	211.1	210.5	209.8
50.5°	208.4	208.0	207.5	207.8	208.0	207.8	207.5	208.0	208.4	208.0	207.5
51°	205.8	205.5	205.0	205.3	205.7	205.3	205.0	205.5	205.8	205.5	205.0
51.5°	203.7	202.9	202.4	202.8	203.0	202.8	202.4	202.9	203.7	202.9	202.4
52°	201.0	200.3	199.9	200.3	200.4	200.3	199.9	200.3	201.0	200.3	199.9
52.5°	198.3	197.8	197.5	197.9	198.3	197.9	197.5	197.8	198.3	197.8	197.5
53°	195.7	195.2	195.0	195.4	196.0	195.4	195.0	195.2	195.7	195.2	195.0
53.5°	192.9	192.7	192.7	192.9	193.2	192.9	192.7	192.7	192.9	192.7	192.7
54°	190.6	190.1	190.2	190.2	190.4	190.2	190.2	190.1	190.6	190.1	190.2
54.5°	188.1	187.6	187.5	187.6	187.7	187.6	187.5	187.6	188.1	187.6	187.5
55°	185.5	185.0	184.7	184.8	185.0	184.8	184.7	185.0	185.5	185.0	184.7
55.5°	183.0	182.2	182.1	182.0	182.5	182.0	182.1	182.2	183.0	182.2	182.1
56°	180.2	179.6	179.4	179.4	179.9	179.4	179.4	179.6	180.2	179.6	179.4
56.5°	177.7	177.0	176.7	176.8	177.3	176.8	176.7	177.0	177.7	177.0	176.7
57°	174.8	174.2	174.0	174.3	174.3	174.3	174.0	174.2	174.8	174.2	174.0
57.5°	172.1	171.4	171.2	171.7	171.6	171.7	171.2	171.4	172.1	171.4	171.2
58°	169.4	168.9	168.6	169.1	169.0	169.1	168.6	168.9	169.4	168.9	168.6
58.5°	166.8	166.1	165.9	166.4	166.4	166.4	165.9	166.1	166.8	166.1	165.9
59°	164.1	163.5	163.2	163.6	163.5	163.6	163.2	163.5	164.1	163.5	163.2
59.5°	161.2	160.6	160.5	160.7	161.0	160.7	160.5	160.6	161.2	160.6	160.5
60°	158.4	157.9	157.5	157.8	158.2	157.8	157.5	157.9	158.4	157.9	157.5
60.5°	155.3	155.1	154.7	154.9	155.6	154.9	154.7	155.1	155.3	155.1	154.7
61°	152.5	152.3	152.0	152.0	152.8	152.0	152.0	152.3	152.5	152.3	152.0
61.5°	149.7	149.3	149.1	149.2	149.7	149.2	149.1	149.3	149.7	149.3	149.1
62°	146.9	146.6	146.2	146.3	146.8	146.3	146.2	146.6	146.9	146.6	146.2
62.5°	144.0	143.6	143.3	143.5	143.6	143.5	143.3	143.6	144.0	143.6	143.3
63°	141.2	140.8	140.4	140.8	140.7	140.8	140.4	140.8	141.2	140.8	140.4
63.5°	138.2	137.7	137.4	137.9	137.9	137.9	137.4	137.7	138.2	137.7	137.4
64°	134.9	135.0	134.7	135.1	135.1	135.1	134.7	135.0	134.9	135.0	134.7
64.5°	131.9	131.9	131.7	132.1	132.1	132.1	131.7	131.9	131.9	131.9	131.7
65°	129.2	128.8	128.9	129.1	129.2	129.1	128.9	128.8	129.2	128.8	128.9
65.5°	126.4	125.9	125.9	126.1	126.2	126.1	125.9	125.9	126.4	125.9	125.9
66°	123.5	123.2	122.9	123.1	123.2	123.1	122.9	123.2	123.5	123.2	122.9



TEST NUMBER: P938638

CATALOG NUMBER: SMX6RLSFS2W-900LM-3500K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	114.4	113.9	113.9	114.2	114.0	114.2	113.9	113.9	114.4	113.9	113.9
68°	111.4	111.1	110.9	111.1	111.1	111.1	110.9	111.1	111.4	111.1	110.9
68.5°	108.3	108.1	107.9	108.1	108.0	108.1	107.9	108.1	108.3	108.1	107.9
69°	105.1	105.1	104.9	104.9	105.1	104.9	104.9	105.1	105.1	105.1	104.9
69.5°	102.4	102.1	101.8	102.0	102.1	102.0	101.8	102.1	102.4	102.1	101.8
70°	99.5	99.1	98.8	98.9	99.1	98.9	98.8	99.1	99.5	99.1	98.8
70.5°	96.5	96.0	95.8	96.1	96.1	96.1	95.8	96.0	96.5	96.0	95.8
71°	93.4	92.9	92.7	92.9	92.9	92.9	92.7	92.9	93.4	92.9	92.7
71.5°	90.1	89.9	89.7	90.0	89.9	90.0	89.7	89.9	90.1	89.9	89.7
72°	87.1	86.7	86.8	87.1	86.8	87.1	86.8	86.7	87.1	86.7	86.8
72.5°	84.0	83.7	83.7	84.0	84.0	84.0	83.7	83.7	84.0	83.7	83.7
73°	80.7	80.5	80.5	80.9	80.9	80.9	80.5	80.5	80.7	80.5	80.5
73.5°	77.6	77.7	77.5	77.9	77.7	77.9	77.5	77.7	77.6	77.7	77.5
74°	74.5	74.6	74.5	74.8	74.8	74.8	74.5	74.6	74.5	74.6	74.5
74.5°	71.7	71.5	71.5	71.7	71.7	71.7	71.5	71.5	71.7	71.5	71.5
75°	68.7	68.4	68.4	68.6	68.8	68.6	68.4	68.4	68.7	68.4	68.4
75.5°	65.6	65.5	65.3	65.7	65.6	65.7	65.3	65.5	65.6	65.5	65.3
76°	62.5	62.5	62.5	62.6	62.8	62.6	62.5	62.5	62.5	62.5	62.5
76.5°	59.5	59.5	59.5	59.7	59.8	59.7	59.5	59.5	59.5	59.5	59.5
77°	56.5	56.4	56.5	56.8	56.9	56.8	56.5	56.4	56.5	56.4	56.5
77.5°	53.6	53.4	53.6	54.0	54.0	54.0	53.6	53.4	53.6	53.4	53.6
78°	50.8	50.6	50.8	51.1	51.3	51.1	50.8	50.6	50.8	50.6	50.8
78.5°	47.9	47.7	47.9	48.1	48.3	48.1	47.9	47.7	47.9	47.7	47.9
79°	45.0	44.9	45.1	45.4	45.4	45.4	45.1	44.9	45.0	44.9	45.1
79.5°	42.1	42.1	42.3	42.5	42.6	42.5	42.3	42.1	42.1	42.1	42.3
80°	39.4	39.3	39.5	39.7	39.8	39.7	39.5	39.3	39.4	39.3	39.5
80.5°	36.6	36.6	36.7	36.9	36.9	36.9	36.7	36.6	36.6	36.6	36.7
81°	33.9	33.9	34.1	34.3	34.3	34.3	34.1	33.9	33.9	33.9	34.1
81.5°	31.3	31.2	31.3	31.7	31.8	31.7	31.3	31.2	31.3	31.2	31.3
82°	28.5	28.6	28.8	29.2	29.3	29.2	28.8	28.6	28.5	28.6	28.8
82.5°	25.9	26.0	26.4	26.8	26.9	26.8	26.4	26.0	25.9	26.0	26.4
83°	23.4	23.6	23.9	24.4	24.7	24.4	23.9	23.6	23.4	23.6	23.9
83.5°	20.8	21.1	21.6	22.1	22.4	22.1	21.6	21.1	20.8	21.1	21.6
84°	18.6	18.9	19.4	19.9	20.2	19.9	19.4	18.9	18.6	18.9	19.4
84.5°	16.7	16.6	17.2	17.8	18.1	17.8	17.2	16.6	16.7	16.6	17.2
85°	14.5	14.7	15.1	15.7	16.1	15.7	15.1	14.7	14.5	14.7	15.1
85.5°	12.4	12.7	13.1	13.7	14.2	13.7	13.1	12.7	12.4	12.7	13.1
86°	10.6	10.8	11.4	12.0	12.6	12.0	11.4	10.8	10.6	10.8	11.4
86.5°	8.9	9.1	9.7	10.4	10.9	10.4	9.7	9.1	8.9	9.1	9.7
87°	7.2	7.5	8.2	9.0	9.6	9.0	8.2	7.5	7.2	7.5	8.2
87.5°	5.8	6.1	6.8	7.6	8.3	7.6	6.8	6.1	5.8	6.1	6.8
88°	4.6	4.9	5.6	6.4	7.1	6.4	5.6	4.9	4.6	4.9	5.6
88.5°	3.5	3.7	4.5	5.4	6.0	5.4	4.5	3.7	3.5	3.7	4.5



TEST NUMBER: P938638
CATALOG NUMBER: SMX6RLSFS2W-900LM-3500K

CANDELA DISTRIBUTION (continued):

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



TEST NUMBER: P938638

CATALOG NUMBER: SMX6RLSFSD2W-900LM-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	342.3	342.3	342.3	342.3	342.3	342.3
0.5°	342.4	342.3	342.4	341.5	342.1	343.3
1°	342.0	342.0	342.0	341.5	342.0	343.3
1.5°	342.3	341.9	342.3	341.9	342.0	342.8
2°	342.2	341.5	342.2	341.5	342.2	342.8
2.5°	342.3	341.9	342.3	341.2	341.8	342.2
3°	342.0	341.9	342.0	341.3	341.7	342.2
3.5°	341.5	341.8	341.5	341.0	341.5	342.4
4°	341.2	341.5	341.2	340.7	341.4	341.5
4.5°	341.0	341.2	341.0	340.6	340.9	341.2
5°	340.8	341.2	340.8	339.9	340.6	341.5
5.5°	340.6	341.0	340.6	339.6	340.2	341.4
6°	340.2	340.5	340.2	339.3	339.9	341.2
6.5°	339.5	340.4	339.5	338.9	339.7	340.2
7°	339.2	339.7	339.2	338.6	339.6	339.7
7.5°	338.7	338.9	338.7	338.4	339.2	339.2
8°	338.2	338.7	338.2	338.2	338.7	339.1
8.5°	337.9	338.6	337.9	337.7	338.1	338.6
9°	337.2	337.9	337.2	337.1	337.7	338.2
9.5°	336.8	337.3	336.8	336.1	337.1	337.7
10°	336.6	336.9	336.6	335.9	336.6	337.3
10.5°	335.7	336.2	335.7	334.9	335.9	335.6
11°	335.3	335.6	335.3	334.4	335.1	335.4
11.5°	334.5	335.1	334.5	333.9	335.0	334.7
12°	334.1	333.7	334.1	333.3	334.1	334.1
12.5°	332.9	333.1	332.9	332.1	333.6	333.2
13°	332.5	332.6	332.5	331.8	332.7	333.1
13.5°	331.9	332.0	331.9	331.1	332.3	332.3
14°	330.8	331.0	330.8	329.7	330.8	332.0
14.5°	330.2	330.3	330.2	329.2	330.4	330.8
15°	329.7	329.7	329.7	328.7	329.0	330.0
15.5°	328.7	328.1	328.7	327.7	328.1	329.2
16°	327.7	327.1	327.7	326.7	327.2	327.9
16.5°	326.6	326.0	326.6	326.0	326.4	327.4
17°	325.4	325.4	325.4	325.2	325.5	326.4
17.5°	324.6	324.6	324.6	324.4	324.6	325.0
18°	323.6	324.2	323.6	323.3	323.8	324.4
18.5°	322.6	323.1	322.6	321.8	322.5	323.9
19°	321.7	321.3	321.7	321.0	321.9	322.3
19.5°	320.8	320.4	320.8	320.1	320.5	320.9
20°	319.4	319.2	319.4	319.1	319.3	320.2
20.5°	318.2	318.2	318.2	317.9	318.0	319.6
21°	317.2	317.6	317.2	316.7	316.9	317.8

TEST NUMBER: P938638

CATALOG NUMBER: SMX6RLSFSD2W-900LM-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	314.1	313.8	314.1	313.1	313.9	314.4
23°	312.5	312.1	312.5	312.1	312.1	313.2
23.5°	311.1	311.0	311.1	310.5	311.1	311.9
24°	309.8	309.7	309.8	309.4	310.0	311.1
24.5°	308.3	308.8	308.3	307.7	309.0	309.4
25°	306.7	307.4	306.7	306.4	307.2	308.0
25.5°	305.5	305.6	305.5	305.1	306.1	307.0
26°	304.1	304.2	304.1	303.7	304.4	304.8
26.5°	302.6	302.5	302.6	302.7	303.2	303.7
27°	301.1	301.2	301.1	300.4	301.4	302.4
27.5°	300.1	299.7	300.1	299.2	299.5	300.6
28°	298.8	298.5	298.8	297.8	298.6	299.4
28.5°	296.7	296.5	296.7	296.6	297.3	297.3
29°	295.5	295.6	295.5	295.0	295.8	296.0
29.5°	294.2	294.3	294.2	293.4	294.0	294.1
30°	292.6	292.4	292.6	291.5	292.8	292.9
30.5°	291.1	290.4	291.1	289.7	290.9	291.3
31°	289.1	289.1	289.1	288.2	289.2	289.7
31.5°	287.5	287.6	287.5	286.6	287.4	288.2
32°	285.5	285.5	285.5	285.1	285.7	286.3
32.5°	283.8	283.7	283.8	283.5	284.2	284.5
33°	282.2	281.9	282.2	282.0	282.5	282.7
33.5°	280.3	280.7	280.3	280.6	280.6	280.6
34°	278.6	279.1	278.6	278.6	278.6	279.3
34.5°	277.1	277.0	277.1	276.5	276.8	277.8
35°	275.1	274.9	275.1	274.8	274.8	276.0
35.5°	273.0	273.7	273.0	272.7	273.0	274.0
36°	270.9	271.0	270.9	270.9	271.4	272.1
36.5°	269.4	268.9	269.4	268.9	269.2	269.9
37°	267.4	267.3	267.4	266.9	267.3	267.9
37.5°	265.1	265.9	265.1	265.5	265.6	266.1
38°	263.2	263.7	263.2	263.3	263.4	264.5
38.5°	261.7	261.7	261.7	261.3	262.0	262.3
39°	259.5	259.1	259.5	259.4	259.7	260.0
39.5°	257.4	257.8	257.4	257.4	257.8	257.6
40°	255.4	255.5	255.4	255.3	255.6	256.5
40.5°	253.1	253.4	253.1	253.4	253.4	253.9
41°	251.2	250.8	251.2	251.3	251.4	251.7
41.5°	249.0	249.4	249.0	249.2	249.3	250.0
42°	246.8	246.8	246.8	247.1	247.2	247.8
42.5°	244.8	244.9	244.8	245.0	244.9	245.4
43°	242.7	242.6	242.7	242.6	242.5	243.1
43.5°	240.6	240.2	240.6	240.4	240.1	240.7



TEST NUMBER: P938638

CATALOG NUMBER: SMX6RLSFSD2W-900LM-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	233.7	234.4	233.7	233.4	234.0	234.4
45.5°	231.6	231.8	231.6	231.0	231.6	232.6
46°	229.3	229.5	229.3	228.9	229.5	230.0
46.5°	227.2	226.9	227.2	226.9	227.2	227.5
47°	224.6	224.4	224.6	224.6	224.6	225.1
47.5°	222.1	222.3	222.1	222.1	222.3	222.8
48°	220.2	220.3	220.2	219.6	220.2	220.3
48.5°	217.7	217.7	217.7	217.5	217.8	218.0
49°	215.3	215.0	215.3	214.7	215.3	215.8
49.5°	213.0	212.5	213.0	212.0	212.9	213.4
50°	210.5	210.4	210.5	209.8	210.5	211.1
50.5°	207.8	208.0	207.8	207.5	208.0	208.4
51°	205.3	205.7	205.3	205.0	205.5	205.8
51.5°	202.8	203.0	202.8	202.4	202.9	203.7
52°	200.3	200.4	200.3	199.9	200.3	201.0
52.5°	197.9	198.3	197.9	197.5	197.8	198.3
53°	195.4	196.0	195.4	195.0	195.2	195.7
53.5°	192.9	193.2	192.9	192.7	192.7	192.9
54°	190.2	190.4	190.2	190.2	190.1	190.6
54.5°	187.6	187.7	187.6	187.5	187.6	188.1
55°	184.8	185.0	184.8	184.7	185.0	185.5
55.5°	182.0	182.5	182.0	182.1	182.2	183.0
56°	179.4	179.9	179.4	179.4	179.6	180.2
56.5°	176.8	177.3	176.8	176.7	177.0	177.7
57°	174.3	174.3	174.3	174.0	174.2	174.8
57.5°	171.7	171.6	171.7	171.2	171.4	172.1
58°	169.1	169.0	169.1	168.6	168.9	169.4
58.5°	166.4	166.4	166.4	165.9	166.1	166.8
59°	163.6	163.5	163.6	163.2	163.5	164.1
59.5°	160.7	161.0	160.7	160.5	160.6	161.2
60°	157.8	158.2	157.8	157.5	157.9	158.4
60.5°	154.9	155.6	154.9	154.7	155.1	155.3
61°	152.0	152.8	152.0	152.0	152.3	152.5
61.5°	149.2	149.7	149.2	149.1	149.3	149.7
62°	146.3	146.8	146.3	146.2	146.6	146.9
62.5°	143.5	143.6	143.5	143.3	143.6	144.0
63°	140.8	140.7	140.8	140.4	140.8	141.2
63.5°	137.9	137.9	137.9	137.4	137.7	138.2
64°	135.1	135.1	135.1	134.7	135.0	134.9
64.5°	132.1	132.1	132.1	131.7	131.9	131.9
65°	129.1	129.2	129.1	128.9	128.8	129.2
65.5°	126.1	126.2	126.1	125.9	125.9	126.4
66°	123.1	123.2	123.1	122.9	123.2	123.5



TEST NUMBER: P938638
 CATALOG NUMBER: SMX6RLSFSD2W-900LM-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	114.2	114.0	114.2	113.9	113.9	114.4
68°	111.1	111.1	111.1	110.9	111.1	111.4
68.5°	108.1	108.0	108.1	107.9	108.1	108.3
69°	104.9	105.1	104.9	104.9	105.1	105.1
69.5°	102.0	102.1	102.0	101.8	102.1	102.4
70°	98.9	99.1	98.9	98.8	99.1	99.5
70.5°	96.1	96.1	96.1	95.8	96.0	96.5
71°	92.9	92.9	92.9	92.7	92.9	93.4
71.5°	90.0	89.9	90.0	89.7	89.9	90.1
72°	87.1	86.8	87.1	86.8	86.7	87.1
72.5°	84.0	84.0	84.0	83.7	83.7	84.0
73°	80.9	80.9	80.9	80.5	80.5	80.7
73.5°	77.9	77.7	77.9	77.5	77.7	77.6
74°	74.8	74.8	74.8	74.5	74.6	74.5
74.5°	71.7	71.7	71.7	71.5	71.5	71.7
75°	68.6	68.8	68.6	68.4	68.4	68.7
75.5°	65.7	65.6	65.7	65.3	65.5	65.6
76°	62.6	62.8	62.6	62.5	62.5	62.5
76.5°	59.7	59.8	59.7	59.5	59.5	59.5
77°	56.8	56.9	56.8	56.5	56.4	56.5
77.5°	54.0	54.0	54.0	53.6	53.4	53.6
78°	51.1	51.3	51.1	50.8	50.6	50.8
78.5°	48.1	48.3	48.1	47.9	47.7	47.9
79°	45.4	45.4	45.4	45.1	44.9	45.0
79.5°	42.5	42.6	42.5	42.3	42.1	42.1
80°	39.7	39.8	39.7	39.5	39.3	39.4
80.5°	36.9	36.9	36.9	36.7	36.6	36.6
81°	34.3	34.3	34.3	34.1	33.9	33.9
81.5°	31.7	31.8	31.7	31.3	31.2	31.3
82°	29.2	29.3	29.2	28.8	28.6	28.5
82.5°	26.8	26.9	26.8	26.4	26.0	25.9
83°	24.4	24.7	24.4	23.9	23.6	23.4
83.5°	22.1	22.4	22.1	21.6	21.1	20.8
84°	19.9	20.2	19.9	19.4	18.9	18.6
84.5°	17.8	18.1	17.8	17.2	16.6	16.7
85°	15.7	16.1	15.7	15.1	14.7	14.5
85.5°	13.7	14.2	13.7	13.1	12.7	12.4
86°	12.0	12.6	12.0	11.4	10.8	10.6
86.5°	10.4	10.9	10.4	9.7	9.1	8.9
87°	9.0	9.6	9.0	8.2	7.5	7.2
87.5°	7.6	8.3	7.6	6.8	6.1	5.8
88°	6.4	7.1	6.4	5.6	4.9	4.6
88.5°	5.4	6.0	5.4	4.5	3.7	3.5



TEST NUMBER: P938638
CATALOG NUMBER: SMX6RLSFSD2W-900LM-3500K

CANDELA DISTRIBUTION (continued):

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

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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°	317.2	316.1	315.5	316.3	315.7	316.3	315.5	316.1	317.2	316.1	315.5
22°	316.1	314.8	314.6	314.9	314.3	314.9	314.6	314.8	316.1	314.8	314.6



44°	238.5	238.2	238.2	238.3	238.5	238.3	238.2	238.2	238.5	238.2	238.2
44.5°	236.4	236.1	235.9	236.1	236.6	236.1	235.9	236.1	236.4	236.1	235.9



66.5°	120.4	120.2	119.8	120.1	120.2	120.1	119.8	120.2	120.4	120.2	119.8
67°	117.5	117.0	116.9	117.1	117.0	117.1	116.9	117.0	117.5	117.0	116.9



89°	2.6	2.9	3.7	4.5	5.0	4.5	3.7	2.9	2.6	2.9	3.7
89.5°	1.8	2.2	2.8	3.6	4.2	3.6	2.8	2.2	1.8	2.2	2.8

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21.5°	316.3	315.7	316.3	315.5	316.1	317.2
22°	314.9	314.3	314.9	314.6	314.8	316.1



44°	238.3	238.5	238.3	238.2	238.2	238.5
44.5°	236.1	236.6	236.1	235.9	236.1	236.4



66.5°	120.1	120.2	120.1	119.8	120.2	120.4
67°	117.1	117.0	117.1	116.9	117.0	117.5

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89°	4.5	5.0	4.5	3.7	2.9	2.6
89.5°	3.6	4.2	3.6	2.8	2.2	1.8

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(END OF REPORT)