

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: P938640

Luminaire Tested: SMX6RLSFSD2W-900LM-5000K

Issue Date: 1/9/2025



Test Information

Test Method: LM-79-2019
Report Number: P938640
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: SMX6RLSFS2W-900LM-5000K
Description: 6IN ROUND, 90CRI, DIMMING TO 10%, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 5000K CCT
Ballast/Driver: -

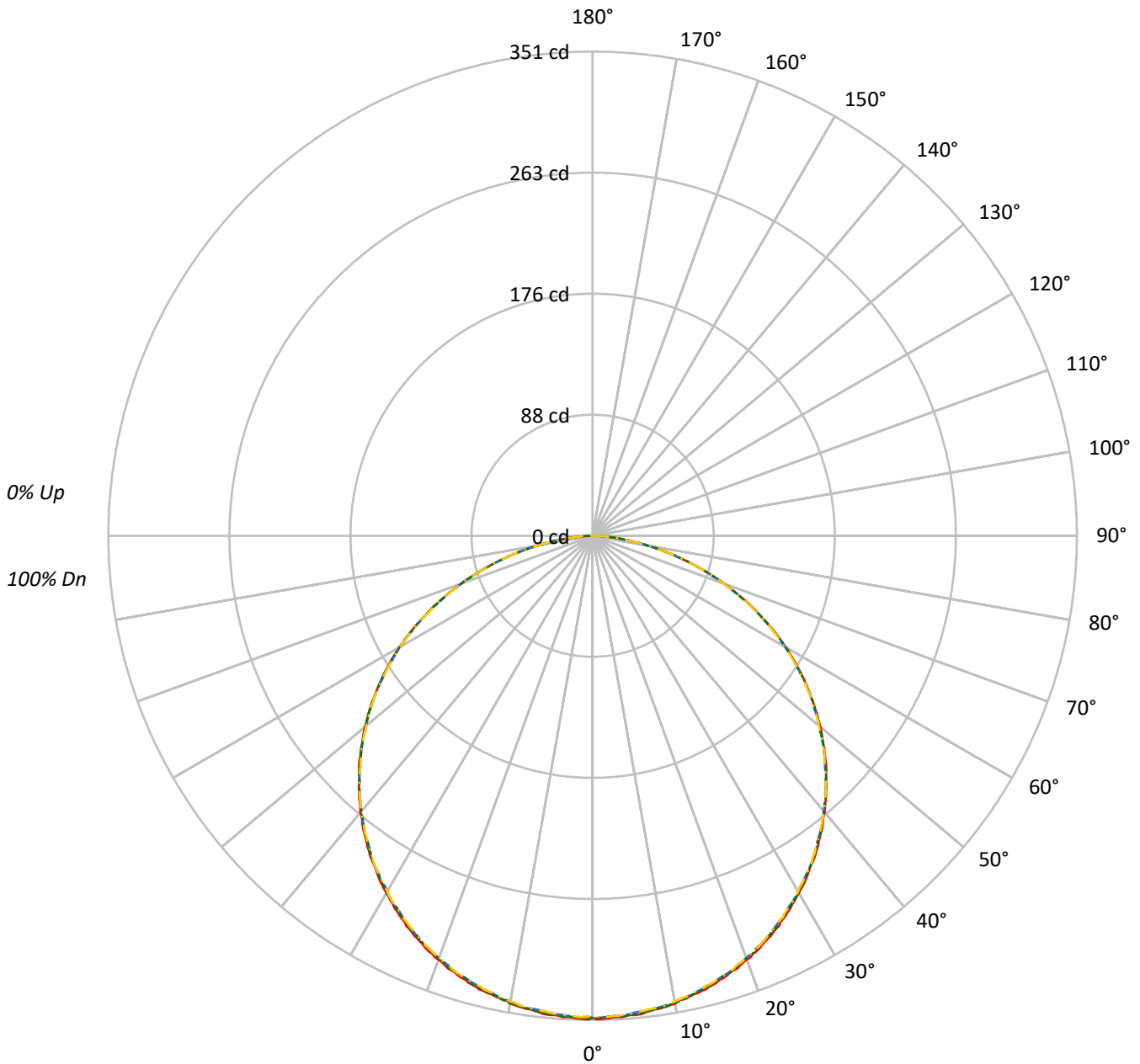
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1024.2 lumens
Efficiency: N/A
Efficacy: 107.8 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): 9.5
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: 24 FT

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Luminous Intensity Polar Plot



0% Up
100% Dn



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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°	19165	19165	19165	19165
5°	19189	19172	19189	19172
10°	19171	19155	19171	19155
15°	19126	19103	19126	19103
20°	19071	19012	19071	19012
25°	19023	18987	19023	18987
30°	18933	18902	18933	18902
35°	18859	18785	18859	18785
40°	18742	18671	18742	18671
45°	18560	18552	18560	18552
50°	18379	18328	18379	18328
55°	18112	18054	18112	18054
60°	17740	17718	17740	17718
65°	17109	17109	17109	17109
70°	16285	16221	16285	16221
75°	14869	14869	14869	14869
80°	12691	12817	12691	12817
85°	9309	10315	9309	10315

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 89.5°
 Luminance: 27013 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.1	3.2
10°-20°	94.9	9.3
20°-30°	144.5	14.1
30°-40°	175.7	17.2
40°-50°	184.2	18.0
50°-60°	168.7	16.5
60°-70°	130.1	12.7
70°-80°	74.1	7.2
80°-90°	18.9	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°	272.5	26.6
0°-40°	448.2	43.8
0°-60°	801.1	78.2
0°-90°	1024.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1024.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	350	350	350	350	350	
5°	349	348	349	348	349	33
15°	337	337	337	337	337	95
25°	314	314	314	314	314	145
35°	282	281	282	281	282	176
45°	239	239	239	239	239	185
55°	190	189	190	189	190	169
65°	132	132	132	132	132	130
75°	70	70	70	70	70	74
85°	15	16	15	16	15	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°	349.6	349.6	349.6	349.6	349.6	349.6	349.6	349.6	349.6	349.6	349.6
0.5°	350.6	349.3	348.7	349.6	349.6	349.6	348.7	349.3	350.6	349.3	348.7
1°	350.5	349.2	348.8	349.3	349.3	349.3	348.8	349.2	350.5	349.2	348.8
1.5°	350.1	349.3	349.1	349.5	349.1	349.5	349.1	349.3	350.1	349.3	349.1
2°	350.0	349.4	348.8	349.4	348.7	349.4	348.8	349.4	350.0	349.4	348.8
2.5°	349.4	349.0	348.4	349.6	349.1	349.6	348.4	349.0	349.4	349.0	348.4
3°	349.4	348.9	348.5	349.2	349.1	349.2	348.5	348.9	349.4	348.9	348.5
3.5°	349.6	348.7	348.2	348.8	349.0	348.8	348.2	348.7	349.6	348.7	348.2
4°	348.8	348.6	347.9	348.5	348.8	348.5	347.9	348.6	348.8	348.6	347.9
4.5°	348.5	348.1	347.8	348.2	348.4	348.2	347.8	348.1	348.5	348.1	347.8
5°	348.7	347.8	347.1	348.0	348.4	348.0	347.1	347.8	348.7	347.8	347.1
5.5°	348.6	347.4	346.8	347.8	348.2	347.8	346.8	347.4	348.6	347.4	346.8
6°	348.4	347.1	346.5	347.4	347.7	347.4	346.5	347.1	348.4	347.1	346.5
6.5°	347.4	346.8	346.0	346.6	347.6	346.6	346.0	346.8	347.4	346.8	346.0
7°	346.9	346.8	345.7	346.4	346.8	346.4	345.7	346.8	346.9	346.8	345.7
7.5°	346.3	346.4	345.5	345.9	346.0	345.9	345.5	346.4	346.3	346.4	345.5
8°	346.3	345.8	345.3	345.3	345.8	345.3	345.3	345.8	346.3	345.8	345.3
8.5°	345.7	345.2	344.8	345.0	345.7	345.0	344.8	345.2	345.7	345.2	344.8
9°	345.4	344.8	344.3	344.3	345.0	344.3	344.3	344.8	345.4	344.8	344.3
9.5°	344.8	344.2	343.2	343.9	344.4	343.9	343.2	344.2	344.8	344.2	343.2
10°	344.4	343.8	343.0	343.7	344.1	343.7	343.0	343.8	344.4	343.8	343.0
10.5°	342.7	343.0	342.0	342.8	343.3	342.8	342.0	343.0	342.7	343.0	342.0
11°	342.5	342.2	341.5	342.4	342.7	342.4	341.5	342.2	342.5	342.2	341.5
11.5°	341.8	342.1	341.0	341.6	342.2	341.6	341.0	342.1	341.8	342.1	341.0
12°	341.2	341.2	340.3	341.1	340.7	341.1	340.3	341.2	341.2	341.2	340.3
12.5°	340.2	340.6	339.1	339.9	340.2	339.9	339.1	340.6	340.2	340.6	339.1
13°	340.1	339.7	338.8	339.5	339.6	339.5	338.8	339.7	340.1	339.7	338.8
13.5°	339.3	339.3	338.1	338.9	339.0	338.9	338.1	339.3	339.3	339.3	338.1
14°	339.0	337.8	336.7	337.8	338.0	337.8	336.7	337.8	339.0	337.8	336.7
14.5°	337.8	337.4	336.2	337.2	337.3	337.2	336.2	337.4	337.8	337.4	336.2
15°	337.0	336.0	335.6	336.7	336.6	336.7	335.6	336.0	337.0	336.0	335.6
15.5°	336.2	335.0	334.7	335.7	335.0	335.7	334.7	335.0	336.2	335.0	334.7
16°	334.8	334.1	333.6	334.6	334.0	334.6	333.6	334.1	334.8	334.1	333.6
16.5°	334.3	333.3	332.9	333.5	332.9	333.5	332.9	333.3	334.3	333.3	332.9
17°	333.3	332.4	332.1	332.2	332.3	332.2	332.1	332.4	333.3	332.4	332.1
17.5°	331.9	331.4	331.3	331.5	331.5	331.5	331.3	331.4	331.9	331.4	331.3
18°	331.2	330.6	330.2	330.5	331.1	330.5	330.2	330.6	331.2	330.6	330.2
18.5°	330.8	329.3	328.6	329.4	330.0	329.4	328.6	329.3	330.8	329.3	328.6
19°	329.2	328.7	327.8	328.5	328.1	328.5	327.8	328.7	329.2	328.7	327.8
19.5°	327.7	327.2	326.9	327.6	327.2	327.6	326.9	327.2	327.7	327.2	326.9
20°	326.9	326.0	325.8	326.1	325.9	326.1	325.8	326.0	326.9	326.0	325.8
20.5°	326.4	324.7	324.6	325.0	324.9	325.0	324.6	324.7	326.4	324.7	324.6
21°	324.5	323.6	323.4	323.9	324.3	323.9	323.4	323.6	324.5	323.6	323.4



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CATALOG NUMBER: SMX6RLSFSD2W-900LM-5000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
22.5°	321.0	320.5	319.8	320.7	320.4	320.7	319.8	320.5	321.0	320.5	319.8
23°	319.8	318.7	318.7	319.1	318.7	319.1	318.7	318.7	319.8	318.7	318.7
23.5°	318.5	317.7	317.0	317.7	317.6	317.7	317.0	317.7	318.5	317.7	317.0
24°	317.6	316.5	315.9	316.4	316.2	316.4	315.9	316.5	317.6	316.5	315.9
24.5°	315.9	315.5	314.2	314.8	315.4	314.8	314.2	315.5	315.9	315.5	314.2
25°	314.5	313.7	312.9	313.2	313.9	313.2	312.9	313.7	314.5	313.7	312.9
25.5°	313.5	312.6	311.5	312.0	312.0	312.0	311.5	312.6	313.5	312.6	311.5
26°	311.2	310.8	310.1	310.5	310.6	310.5	310.1	310.8	311.2	310.8	310.1
26.5°	310.1	309.6	309.1	309.0	308.9	309.0	309.1	309.6	310.1	309.6	309.1
27°	308.7	307.7	306.8	307.5	307.6	307.5	306.8	307.7	308.7	307.7	306.8
27.5°	306.9	305.8	305.5	306.5	306.0	306.5	305.5	305.8	306.9	305.8	305.5
28°	305.7	304.9	304.0	305.1	304.8	305.1	304.0	304.9	305.7	304.9	304.0
28.5°	303.6	303.5	302.9	303.0	302.8	303.0	302.9	303.5	303.6	303.5	302.9
29°	302.3	302.1	301.3	301.7	301.8	301.7	301.3	302.1	302.3	302.1	301.3
29.5°	300.3	300.2	299.6	300.4	300.5	300.4	299.6	300.2	300.3	300.2	299.6
30°	299.1	299.0	297.7	298.8	298.6	298.8	297.7	299.0	299.1	299.0	297.7
30.5°	297.4	297.0	295.8	297.2	296.6	297.2	295.8	297.0	297.4	297.0	295.8
31°	295.8	295.3	294.3	295.2	295.2	295.2	294.3	295.3	295.8	295.3	294.3
31.5°	294.3	293.5	292.7	293.6	293.7	293.6	292.7	293.5	294.3	293.5	292.7
32°	292.4	291.7	291.1	291.6	291.5	291.6	291.1	291.7	292.4	291.7	291.1
32.5°	290.5	290.2	289.4	289.8	289.7	289.8	289.4	290.2	290.5	290.2	289.4
33°	288.6	288.5	288.0	288.1	287.9	288.1	288.0	288.5	288.6	288.5	288.0
33.5°	286.6	286.6	286.5	286.2	286.6	286.2	286.5	286.6	286.6	286.6	286.5
34°	285.2	284.5	284.4	284.5	285.0	284.5	284.4	284.5	285.2	284.5	284.4
34.5°	283.7	282.6	282.3	283.0	282.8	283.0	282.3	282.6	283.7	282.6	282.3
35°	281.8	280.6	280.6	280.9	280.7	280.9	280.6	280.6	281.8	280.6	280.6
35.5°	279.7	278.7	278.4	278.7	279.5	278.7	278.4	278.7	279.7	278.7	278.4
36°	277.8	277.2	276.6	276.7	276.7	276.7	276.6	277.2	277.8	277.2	276.6
36.5°	275.6	274.9	274.5	275.1	274.5	275.1	274.5	274.9	275.6	274.9	274.5
37°	273.6	273.0	272.6	273.1	272.9	273.1	272.6	273.0	273.6	273.0	272.6
37.5°	271.7	271.2	271.1	270.7	271.5	270.7	271.1	271.2	271.7	271.2	271.1
38°	270.1	269.0	268.9	268.7	269.3	268.7	268.9	269.0	270.1	269.0	268.9
38.5°	267.9	267.5	266.8	267.2	267.2	267.2	266.8	267.5	267.9	267.5	266.8
39°	265.5	265.2	264.8	265.0	264.6	265.0	264.8	265.2	265.5	265.2	264.8
39.5°	263.1	263.2	262.9	262.9	263.2	262.9	262.9	263.2	263.1	263.2	262.9
40°	261.9	261.0	260.7	260.8	260.9	260.8	260.7	261.0	261.9	261.0	260.7
40.5°	259.3	258.8	258.8	258.5	258.8	258.5	258.8	258.8	259.3	258.8	258.8
41°	257.1	256.7	256.6	256.5	256.1	256.5	256.6	256.7	257.1	256.7	256.6
41.5°	255.2	254.6	254.5	254.3	254.6	254.3	254.5	254.6	255.2	254.6	254.5
42°	253.0	252.4	252.4	252.0	252.0	252.0	252.4	252.4	253.0	252.4	252.4
42.5°	250.5	250.1	250.2	250.0	250.1	250.0	250.2	250.1	250.5	250.1	250.2
43°	248.3	247.6	247.7	247.8	247.7	247.8	247.7	247.6	248.3	247.6	247.7
43.5°	245.8	245.2	245.5	245.7	245.3	245.7	245.5	245.2	245.8	245.2	245.5



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	239.4	238.9	238.3	238.6	239.3	238.6	238.3	238.9	239.4	238.9	238.3
45.5°	237.5	236.5	235.9	236.5	236.7	236.5	235.9	236.5	237.5	236.5	235.9
46°	234.8	234.3	233.7	234.2	234.3	234.2	233.7	234.3	234.8	234.3	233.7
46.5°	232.3	232.0	231.7	232.0	231.7	232.0	231.7	232.0	232.3	232.0	231.7
47°	229.9	229.4	229.3	229.4	229.1	229.4	229.3	229.4	229.9	229.4	229.3
47.5°	227.6	227.0	226.8	226.8	227.0	226.8	226.8	227.0	227.6	227.0	226.8
48°	224.9	224.8	224.3	224.8	224.9	224.8	224.3	224.8	224.9	224.8	224.3
48.5°	222.6	222.4	222.1	222.3	222.3	222.3	222.1	222.4	222.6	222.4	222.1
49°	220.4	219.9	219.2	219.9	219.6	219.9	219.2	219.9	220.4	219.9	219.2
49.5°	217.9	217.4	216.5	217.5	217.0	217.5	216.5	217.4	217.9	217.4	216.5
50°	215.5	214.9	214.2	214.9	214.9	214.9	214.2	214.9	215.5	214.9	214.2
50.5°	212.8	212.4	211.9	212.2	212.4	212.2	211.9	212.4	212.8	212.4	211.9
51°	210.2	209.8	209.4	209.6	210.1	209.6	209.4	209.8	210.2	209.8	209.4
51.5°	208.0	207.2	206.7	207.1	207.3	207.1	206.7	207.2	208.0	207.2	206.7
52°	205.2	204.5	204.1	204.5	204.7	204.5	204.1	204.5	205.2	204.5	204.1
52.5°	202.5	202.0	201.7	202.1	202.5	202.1	201.7	202.0	202.5	202.0	201.7
53°	199.8	199.4	199.1	199.5	200.1	199.5	199.1	199.4	199.8	199.4	199.1
53.5°	197.0	196.7	196.8	196.9	197.2	196.9	196.8	196.7	197.0	196.7	196.8
54°	194.7	194.1	194.2	194.2	194.5	194.2	194.2	194.1	194.7	194.1	194.2
54.5°	192.1	191.5	191.4	191.5	191.7	191.5	191.4	191.5	192.1	191.5	191.4
55°	189.5	188.9	188.7	188.7	188.9	188.7	188.7	188.9	189.5	188.9	188.7
55.5°	186.8	186.1	185.9	185.9	186.4	185.9	185.9	186.1	186.8	186.1	185.9
56°	184.0	183.4	183.1	183.2	183.7	183.2	183.1	183.4	184.0	183.4	183.1
56.5°	181.5	180.7	180.4	180.5	181.1	180.5	180.4	180.7	181.5	180.7	180.4
57°	178.4	177.9	177.7	177.9	177.9	177.9	177.7	177.9	178.4	177.9	177.7
57.5°	175.7	175.0	174.9	175.3	175.2	175.3	174.9	175.0	175.7	175.0	174.9
58°	173.0	172.4	172.1	172.7	172.6	172.7	172.1	172.4	173.0	172.4	172.1
58.5°	170.4	169.6	169.4	169.9	169.9	169.9	169.4	169.6	170.4	169.6	169.4
59°	167.6	166.9	166.6	167.1	167.0	167.1	166.6	166.9	167.6	166.9	166.6
59.5°	164.6	164.0	163.8	164.1	164.4	164.1	163.8	164.0	164.6	164.0	163.8
60°	161.8	161.2	160.8	161.1	161.6	161.1	160.8	161.2	161.8	161.2	160.8
60.5°	158.6	158.4	158.0	158.2	158.8	158.2	158.0	158.4	158.6	158.4	158.0
61°	155.7	155.5	155.2	155.2	156.0	155.2	155.2	155.5	155.7	155.5	155.2
61.5°	152.8	152.5	152.2	152.3	152.9	152.3	152.2	152.5	152.8	152.5	152.2
62°	150.0	149.7	149.3	149.4	149.9	149.4	149.3	149.7	150.0	149.7	149.3
62.5°	147.0	146.7	146.4	146.5	146.7	146.5	146.4	146.7	147.0	146.7	146.4
63°	144.2	143.7	143.4	143.8	143.7	143.8	143.4	143.7	144.2	143.7	143.4
63.5°	141.1	140.6	140.4	140.8	140.8	140.8	140.4	140.6	141.1	140.6	140.4
64°	137.7	137.9	137.6	137.9	137.9	137.9	137.6	137.9	137.7	137.9	137.6
64.5°	134.7	134.7	134.5	134.8	134.9	134.8	134.5	134.7	134.7	134.7	134.5
65°	131.9	131.5	131.6	131.8	131.9	131.8	131.6	131.5	131.9	131.5	131.6
65.5°	129.0	128.6	128.5	128.8	128.9	128.8	128.5	128.6	129.0	128.6	128.5
66°	126.1	125.8	125.5	125.7	125.8	125.7	125.5	125.8	126.1	125.8	125.5



TEST NUMBER: P938640

CATALOG NUMBER: SMX6RLSFSD2W-900LM-5000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	116.8	116.3	116.3	116.6	116.4	116.6	116.3	116.3	116.8	116.3	116.3
68°	113.7	113.4	113.3	113.5	113.4	113.5	113.3	113.4	113.7	113.4	113.3
68.5°	110.6	110.4	110.2	110.4	110.3	110.4	110.2	110.4	110.6	110.4	110.2
69°	107.3	107.3	107.1	107.1	107.3	107.1	107.1	107.3	107.3	107.3	107.1
69.5°	104.5	104.2	103.9	104.2	104.2	104.2	103.9	104.2	104.5	104.2	103.9
70°	101.6	101.2	100.9	101.0	101.2	101.0	100.9	101.2	101.6	101.2	100.9
70.5°	98.6	98.0	97.8	98.1	98.1	98.1	97.8	98.0	98.6	98.0	97.8
71°	95.4	94.9	94.6	94.9	94.9	94.9	94.6	94.9	95.4	94.9	94.6
71.5°	92.0	91.8	91.6	91.9	91.8	91.9	91.6	91.8	92.0	91.8	91.6
72°	89.0	88.5	88.6	88.9	88.7	88.9	88.6	88.5	89.0	88.5	88.6
72.5°	85.7	85.4	85.4	85.7	85.7	85.7	85.4	85.4	85.7	85.4	85.4
73°	82.4	82.2	82.2	82.7	82.6	82.7	82.2	82.2	82.4	82.2	82.2
73.5°	79.2	79.4	79.1	79.5	79.4	79.5	79.1	79.4	79.2	79.4	79.1
74°	76.1	76.2	76.0	76.3	76.4	76.3	76.0	76.2	76.1	76.2	76.0
74.5°	73.3	73.0	73.0	73.3	73.3	73.3	73.0	73.0	73.3	73.0	73.0
75°	70.2	69.9	69.8	70.0	70.2	70.0	69.8	69.9	70.2	69.9	69.8
75.5°	66.9	66.9	66.7	67.1	67.0	67.1	66.7	66.9	66.9	66.9	66.7
76°	63.8	63.8	63.8	63.9	64.2	63.9	63.8	63.8	63.8	63.8	63.8
76.5°	60.7	60.7	60.7	61.0	61.1	61.0	60.7	60.7	60.7	60.7	60.7
77°	57.7	57.6	57.7	58.0	58.1	58.0	57.7	57.6	57.7	57.6	57.7
77.5°	54.8	54.5	54.7	55.1	55.1	55.1	54.7	54.5	54.8	54.5	54.7
78°	51.8	51.7	51.8	52.2	52.4	52.2	51.8	51.7	51.8	51.7	51.8
78.5°	48.9	48.7	48.9	49.1	49.3	49.1	48.9	48.7	48.9	48.7	48.9
79°	46.0	45.8	46.0	46.3	46.4	46.3	46.0	45.8	46.0	45.8	46.0
79.5°	43.0	42.9	43.2	43.4	43.5	43.4	43.2	42.9	43.0	42.9	43.2
80°	40.2	40.2	40.3	40.5	40.6	40.5	40.3	40.2	40.2	40.2	40.3
80.5°	37.4	37.4	37.5	37.7	37.7	37.7	37.5	37.4	37.4	37.4	37.5
81°	34.6	34.6	34.8	35.0	35.0	35.0	34.8	34.6	34.6	34.6	34.8
81.5°	31.9	31.9	32.0	32.4	32.5	32.4	32.0	31.9	31.9	31.9	32.0
82°	29.1	29.2	29.4	29.8	29.9	29.8	29.4	29.2	29.1	29.2	29.4
82.5°	26.4	26.6	26.9	27.4	27.5	27.4	26.9	26.6	26.4	26.6	26.9
83°	23.9	24.1	24.4	25.0	25.2	25.0	24.4	24.1	23.9	24.1	24.4
83.5°	21.3	21.6	22.1	22.6	22.9	22.6	22.1	21.6	21.3	21.6	22.1
84°	19.0	19.3	19.8	20.3	20.6	20.3	19.8	19.3	19.0	19.3	19.8
84.5°	17.1	17.0	17.5	18.1	18.5	18.1	17.5	17.0	17.1	17.0	17.5
85°	14.8	15.0	15.4	16.0	16.4	16.0	15.4	15.0	14.8	15.0	15.4
85.5°	12.7	12.9	13.4	14.0	14.5	14.0	13.4	12.9	12.7	12.9	13.4
86°	10.8	11.0	11.6	12.3	12.8	12.3	11.6	11.0	10.8	11.0	11.6
86.5°	9.1	9.2	9.9	10.6	11.2	10.6	9.9	9.2	9.1	9.2	9.9
87°	7.3	7.6	8.4	9.2	9.8	9.2	8.4	7.6	7.3	7.6	8.4
87.5°	5.9	6.2	7.0	7.8	8.4	7.8	7.0	6.2	5.9	6.2	7.0
88°	4.7	5.0	5.7	6.5	7.3	6.5	5.7	5.0	4.7	5.0	5.7
88.5°	3.5	3.8	4.6	5.5	6.2	5.5	4.6	3.8	3.5	3.8	4.6



TEST NUMBER: P938640
CATALOG NUMBER: SMX6RLSFSD2W-900LM-5000K

CANDELA DISTRIBUTION (continued):

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



TEST NUMBER: P938640

CATALOG NUMBER: SMX6RLSFSD2W-900LM-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	349.6	349.6	349.6	349.6	349.6	349.6
0.5°	349.6	349.6	349.6	348.7	349.3	350.6
1°	349.3	349.3	349.3	348.8	349.2	350.5
1.5°	349.5	349.1	349.5	349.1	349.3	350.1
2°	349.4	348.7	349.4	348.8	349.4	350.0
2.5°	349.6	349.1	349.6	348.4	349.0	349.4
3°	349.2	349.1	349.2	348.5	348.9	349.4
3.5°	348.8	349.0	348.8	348.2	348.7	349.6
4°	348.5	348.8	348.5	347.9	348.6	348.8
4.5°	348.2	348.4	348.2	347.8	348.1	348.5
5°	348.0	348.4	348.0	347.1	347.8	348.7
5.5°	347.8	348.2	347.8	346.8	347.4	348.6
6°	347.4	347.7	347.4	346.5	347.1	348.4
6.5°	346.6	347.6	346.6	346.0	346.8	347.4
7°	346.4	346.8	346.4	345.7	346.8	346.9
7.5°	345.9	346.0	345.9	345.5	346.4	346.3
8°	345.3	345.8	345.3	345.3	345.8	346.3
8.5°	345.0	345.7	345.0	344.8	345.2	345.7
9°	344.3	345.0	344.3	344.3	344.8	345.4
9.5°	343.9	344.4	343.9	343.2	344.2	344.8
10°	343.7	344.1	343.7	343.0	343.8	344.4
10.5°	342.8	343.3	342.8	342.0	343.0	342.7
11°	342.4	342.7	342.4	341.5	342.2	342.5
11.5°	341.6	342.2	341.6	341.0	342.1	341.8
12°	341.1	340.7	341.1	340.3	341.2	341.2
12.5°	339.9	340.2	339.9	339.1	340.6	340.2
13°	339.5	339.6	339.5	338.8	339.7	340.1
13.5°	338.9	339.0	338.9	338.1	339.3	339.3
14°	337.8	338.0	337.8	336.7	337.8	339.0
14.5°	337.2	337.3	337.2	336.2	337.4	337.8
15°	336.7	336.6	336.7	335.6	336.0	337.0
15.5°	335.7	335.0	335.7	334.7	335.0	336.2
16°	334.6	334.0	334.6	333.6	334.1	334.8
16.5°	333.5	332.9	333.5	332.9	333.3	334.3
17°	332.2	332.3	332.2	332.1	332.4	333.3
17.5°	331.5	331.5	331.5	331.3	331.4	331.9
18°	330.5	331.1	330.5	330.2	330.6	331.2
18.5°	329.4	330.0	329.4	328.6	329.3	330.8
19°	328.5	328.1	328.5	327.8	328.7	329.2
19.5°	327.6	327.2	327.6	326.9	327.2	327.7
20°	326.1	325.9	326.1	325.8	326.0	326.9
20.5°	325.0	324.9	325.0	324.6	324.7	326.4
21°	323.9	324.3	323.9	323.4	323.6	324.5

TEST NUMBER: P938640

CATALOG NUMBER: SMX6RLSFSD2W-900LM-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	320.7	320.4	320.7	319.8	320.5	321.0
23°	319.1	318.7	319.1	318.7	318.7	319.8
23.5°	317.7	317.6	317.7	317.0	317.7	318.5
24°	316.4	316.2	316.4	315.9	316.5	317.6
24.5°	314.8	315.4	314.8	314.2	315.5	315.9
25°	313.2	313.9	313.2	312.9	313.7	314.5
25.5°	312.0	312.0	312.0	311.5	312.6	313.5
26°	310.5	310.6	310.5	310.1	310.8	311.2
26.5°	309.0	308.9	309.0	309.1	309.6	310.1
27°	307.5	307.6	307.5	306.8	307.7	308.7
27.5°	306.5	306.0	306.5	305.5	305.8	306.9
28°	305.1	304.8	305.1	304.0	304.9	305.7
28.5°	303.0	302.8	303.0	302.9	303.5	303.6
29°	301.7	301.8	301.7	301.3	302.1	302.3
29.5°	300.4	300.5	300.4	299.6	300.2	300.3
30°	298.8	298.6	298.8	297.7	299.0	299.1
30.5°	297.2	296.6	297.2	295.8	297.0	297.4
31°	295.2	295.2	295.2	294.3	295.3	295.8
31.5°	293.6	293.7	293.6	292.7	293.5	294.3
32°	291.6	291.5	291.6	291.1	291.7	292.4
32.5°	289.8	289.7	289.8	289.4	290.2	290.5
33°	288.1	287.9	288.1	288.0	288.5	288.6
33.5°	286.2	286.6	286.2	286.5	286.6	286.6
34°	284.5	285.0	284.5	284.4	284.5	285.2
34.5°	283.0	282.8	283.0	282.3	282.6	283.7
35°	280.9	280.7	280.9	280.6	280.6	281.8
35.5°	278.7	279.5	278.7	278.4	278.7	279.7
36°	276.7	276.7	276.7	276.6	277.2	277.8
36.5°	275.1	274.5	275.1	274.5	274.9	275.6
37°	273.1	272.9	273.1	272.6	273.0	273.6
37.5°	270.7	271.5	270.7	271.1	271.2	271.7
38°	268.7	269.3	268.7	268.9	269.0	270.1
38.5°	267.2	267.2	267.2	266.8	267.5	267.9
39°	265.0	264.6	265.0	264.8	265.2	265.5
39.5°	262.9	263.2	262.9	262.9	263.2	263.1
40°	260.8	260.9	260.8	260.7	261.0	261.9
40.5°	258.5	258.8	258.5	258.8	258.8	259.3
41°	256.5	256.1	256.5	256.6	256.7	257.1
41.5°	254.3	254.6	254.3	254.5	254.6	255.2
42°	252.0	252.0	252.0	252.4	252.4	253.0
42.5°	250.0	250.1	250.0	250.2	250.1	250.5
43°	247.8	247.7	247.8	247.7	247.6	248.3
43.5°	245.7	245.3	245.7	245.5	245.2	245.8



TEST NUMBER: P938640

CATALOG NUMBER: SMX6RLSFSD2W-900LM-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	238.6	239.3	238.6	238.3	238.9	239.4
45.5°	236.5	236.7	236.5	235.9	236.5	237.5
46°	234.2	234.3	234.2	233.7	234.3	234.8
46.5°	232.0	231.7	232.0	231.7	232.0	232.3
47°	229.4	229.1	229.4	229.3	229.4	229.9
47.5°	226.8	227.0	226.8	226.8	227.0	227.6
48°	224.8	224.9	224.8	224.3	224.8	224.9
48.5°	222.3	222.3	222.3	222.1	222.4	222.6
49°	219.9	219.6	219.9	219.2	219.9	220.4
49.5°	217.5	217.0	217.5	216.5	217.4	217.9
50°	214.9	214.9	214.9	214.2	214.9	215.5
50.5°	212.2	212.4	212.2	211.9	212.4	212.8
51°	209.6	210.1	209.6	209.4	209.8	210.2
51.5°	207.1	207.3	207.1	206.7	207.2	208.0
52°	204.5	204.7	204.5	204.1	204.5	205.2
52.5°	202.1	202.5	202.1	201.7	202.0	202.5
53°	199.5	200.1	199.5	199.1	199.4	199.8
53.5°	196.9	197.2	196.9	196.8	196.7	197.0
54°	194.2	194.5	194.2	194.2	194.1	194.7
54.5°	191.5	191.7	191.5	191.4	191.5	192.1
55°	188.7	188.9	188.7	188.7	188.9	189.5
55.5°	185.9	186.4	185.9	185.9	186.1	186.8
56°	183.2	183.7	183.2	183.1	183.4	184.0
56.5°	180.5	181.1	180.5	180.4	180.7	181.5
57°	177.9	177.9	177.9	177.7	177.9	178.4
57.5°	175.3	175.2	175.3	174.9	175.0	175.7
58°	172.7	172.6	172.7	172.1	172.4	173.0
58.5°	169.9	169.9	169.9	169.4	169.6	170.4
59°	167.1	167.0	167.1	166.6	166.9	167.6
59.5°	164.1	164.4	164.1	163.8	164.0	164.6
60°	161.1	161.6	161.1	160.8	161.2	161.8
60.5°	158.2	158.8	158.2	158.0	158.4	158.6
61°	155.2	156.0	155.2	155.2	155.5	155.7
61.5°	152.3	152.9	152.3	152.2	152.5	152.8
62°	149.4	149.9	149.4	149.3	149.7	150.0
62.5°	146.5	146.7	146.5	146.4	146.7	147.0
63°	143.8	143.7	143.8	143.4	143.7	144.2
63.5°	140.8	140.8	140.8	140.4	140.6	141.1
64°	137.9	137.9	137.9	137.6	137.9	137.7
64.5°	134.8	134.9	134.8	134.5	134.7	134.7
65°	131.8	131.9	131.8	131.6	131.5	131.9
65.5°	128.8	128.9	128.8	128.5	128.6	129.0
66°	125.7	125.8	125.7	125.5	125.8	126.1



TEST NUMBER: P938640

CATALOG NUMBER: SMX6RLSFSD2W-900LM-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	116.6	116.4	116.6	116.3	116.3	116.8
68°	113.5	113.4	113.5	113.3	113.4	113.7
68.5°	110.4	110.3	110.4	110.2	110.4	110.6
69°	107.1	107.3	107.1	107.1	107.3	107.3
69.5°	104.2	104.2	104.2	103.9	104.2	104.5
70°	101.0	101.2	101.0	100.9	101.2	101.6
70.5°	98.1	98.1	98.1	97.8	98.0	98.6
71°	94.9	94.9	94.9	94.6	94.9	95.4
71.5°	91.9	91.8	91.9	91.6	91.8	92.0
72°	88.9	88.7	88.9	88.6	88.5	89.0
72.5°	85.7	85.7	85.7	85.4	85.4	85.7
73°	82.7	82.6	82.7	82.2	82.2	82.4
73.5°	79.5	79.4	79.5	79.1	79.4	79.2
74°	76.3	76.4	76.3	76.0	76.2	76.1
74.5°	73.3	73.3	73.3	73.0	73.0	73.3
75°	70.0	70.2	70.0	69.8	69.9	70.2
75.5°	67.1	67.0	67.1	66.7	66.9	66.9
76°	63.9	64.2	63.9	63.8	63.8	63.8
76.5°	61.0	61.1	61.0	60.7	60.7	60.7
77°	58.0	58.1	58.0	57.7	57.6	57.7
77.5°	55.1	55.1	55.1	54.7	54.5	54.8
78°	52.2	52.4	52.2	51.8	51.7	51.8
78.5°	49.1	49.3	49.1	48.9	48.7	48.9
79°	46.3	46.4	46.3	46.0	45.8	46.0
79.5°	43.4	43.5	43.4	43.2	42.9	43.0
80°	40.5	40.6	40.5	40.3	40.2	40.2
80.5°	37.7	37.7	37.7	37.5	37.4	37.4
81°	35.0	35.0	35.0	34.8	34.6	34.6
81.5°	32.4	32.5	32.4	32.0	31.9	31.9
82°	29.8	29.9	29.8	29.4	29.2	29.1
82.5°	27.4	27.5	27.4	26.9	26.6	26.4
83°	25.0	25.2	25.0	24.4	24.1	23.9
83.5°	22.6	22.9	22.6	22.1	21.6	21.3
84°	20.3	20.6	20.3	19.8	19.3	19.0
84.5°	18.1	18.5	18.1	17.5	17.0	17.1
85°	16.0	16.4	16.0	15.4	15.0	14.8
85.5°	14.0	14.5	14.0	13.4	12.9	12.7
86°	12.3	12.8	12.3	11.6	11.0	10.8
86.5°	10.6	11.2	10.6	9.9	9.2	9.1
87°	9.2	9.8	9.2	8.4	7.6	7.3
87.5°	7.8	8.4	7.8	7.0	6.2	5.9
88°	6.5	7.3	6.5	5.7	5.0	4.7
88.5°	5.5	6.2	5.5	4.6	3.8	3.5



TEST NUMBER: P938640
CATALOG NUMBER: SMX6RLSFSD2W-900LM-5000K

CANDELA DISTRIBUTION (continued):

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

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Scaled Data Report



Report Generated By 670245859 / DESKTOP-T8S5UU9

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

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21.5°	323.9	322.8	322.2	323.0	322.4	323.0	322.2	322.8	323.9	322.8	322.2
22°	322.8	321.4	321.2	321.6	320.9	321.6	321.2	321.4	322.8	321.4	321.2



44°	243.6	243.3	243.3	243.3	243.6	243.3	243.3	243.3	243.6	243.3	243.3
44.5°	241.4	241.1	240.9	241.1	241.6	241.1	240.9	241.1	241.4	241.1	240.9



66.5°	123.0	122.7	122.4	122.6	122.7	122.6	122.4	122.7	123.0	122.7	122.4
67°	119.9	119.5	119.4	119.6	119.5	119.6	119.4	119.5	119.9	119.5	119.4



89°	2.6	2.9	3.7	4.6	5.1	4.6	3.7	2.9	2.6	2.9	3.7
89.5°	1.8	2.2	2.9	3.7	4.3	3.7	2.9	2.2	1.8	2.2	2.9

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21.5°	323.0	322.4	323.0	322.2	322.8	323.9
22°	321.6	320.9	321.6	321.2	321.4	322.8



44°	243.3	243.6	243.3	243.3	243.3	243.6
44.5°	241.1	241.6	241.1	240.9	241.1	241.4

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66.5°	122.6	122.7	122.6	122.4	122.7	123.0
67°	119.6	119.5	119.6	119.4	119.5	119.9

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89°	4.6	5.1	4.6	3.7	2.9	2.6
89.5°	3.7	4.3	3.7	2.9	2.2	1.8

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(END OF REPORT)