

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: P938627

Luminaire Tested: SMX6RLSFSD2W-1200LM-3000K

Issue Date: 1/9/2025



Test Information

Test Method: LM-79-2019
Report Number: P938627
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-1200LM-3000K
Description: 6IN ROUND, 90CRI, DIMMING TO 10%, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 3000K CCT
Ballast/Driver: -

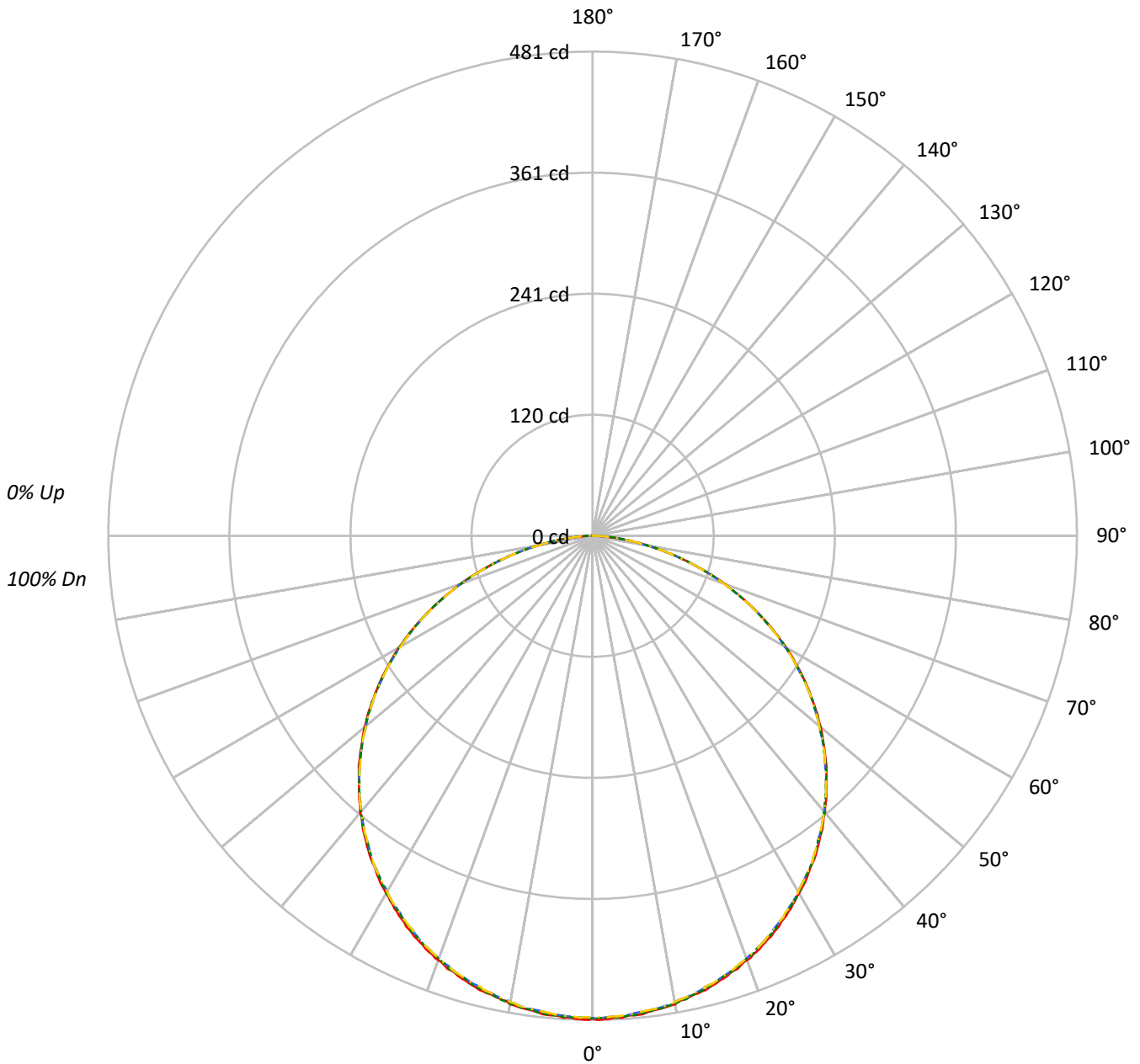
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1405.0 lumens
Efficiency: N/A
Efficacy: 100.4 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): 14
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-1200LM-3000K

Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20									20									20									20									
RC	80									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°	26286	26286	26286	26286
5°	26321	26299	26321	26299
10°	26302	26274	26302	26274
15°	26237	26209	26237	26209
20°	26165	26083	26165	26083
25°	26100	26046	26100	26046
30°	25966	25928	25966	25928
35°	25872	25772	25872	25772
40°	25712	25612	25712	25612
45°	25460	25452	25460	25452
50°	25210	25134	25210	25134
55°	24840	24773	24840	24773
60°	24329	24296	24329	24296
65°	23466	23466	23466	23466
70°	22344	22247	22344	22247
75°	20397	20418	20397	20418
80°	17426	17584	17426	17584
85°	12769	14215	12769	14215

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°

Vertical Angle: 89.5°

Luminance: 37064 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	45.4	3.2
10°-20°	130.2	9.3
20°-30°	198.3	14.1
30°-40°	241.0	17.2
40°-50°	252.6	18.0
50°-60°	231.4	16.5
60°-70°	178.5	12.7
70°-80°	101.6	7.2
80°-90°	26.0	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°	373.8	26.6
0°-40°	614.8	43.8
0°-60°	1098.9	78.2
0°-90°	1405.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1405.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	480	480	480	480	480	
5°	478	478	478	478	478	45
15°	462	462	462	462	462	130
25°	432	431	432	431	432	199
35°	387	385	387	385	387	242
45°	328	328	328	328	328	253
55°	260	259	260	259	260	232
65°	181	181	181	181	181	179
75°	96	96	96	96	96	102
85°	20	23	20	23	20	25
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°	479.5	479.5	479.5	479.5	479.5	479.5	479.5	479.5	479.5	479.5	479.5
0.5°	480.9	479.2	478.3	479.6	479.5	479.6	478.3	479.2	480.9	479.2	478.3
1°	480.8	479.0	478.4	479.1	479.1	479.1	478.4	479.0	480.8	479.0	478.4
1.5°	480.2	479.1	478.9	479.4	478.9	479.4	478.9	479.1	480.2	479.1	478.9
2°	480.1	479.3	478.4	479.3	478.3	479.3	478.4	479.3	480.1	479.3	478.4
2.5°	479.3	478.7	477.9	479.5	478.9	479.5	477.9	478.7	479.3	478.7	477.9
3°	479.3	478.6	478.1	479.0	478.9	479.0	478.1	478.6	479.3	478.6	478.1
3.5°	479.6	478.3	477.7	478.4	478.7	478.4	477.7	478.3	479.6	478.3	477.7
4°	478.4	478.2	477.3	478.0	478.4	478.0	477.3	478.2	478.4	478.2	477.3
4.5°	478.0	477.5	477.1	477.7	477.9	477.7	477.1	477.5	478.0	477.5	477.1
5°	478.3	477.1	476.1	477.4	477.9	477.4	476.1	477.1	478.3	477.1	476.1
5.5°	478.2	476.6	475.7	477.1	477.7	477.1	475.7	476.6	478.2	476.6	475.7
6°	477.9	476.1	475.3	476.5	477.0	476.5	475.3	476.1	477.9	476.1	475.3
6.5°	476.6	475.8	474.7	475.5	476.8	475.5	474.7	475.8	476.6	475.8	474.7
7°	475.9	475.7	474.3	475.2	475.8	475.2	474.3	475.7	475.9	475.7	474.3
7.5°	475.1	475.2	474.0	474.5	474.7	474.5	474.0	475.2	475.1	475.2	474.0
8°	475.0	474.4	473.7	473.7	474.4	473.7	473.7	474.4	475.0	474.4	473.7
8.5°	474.3	473.6	473.0	473.3	474.3	473.3	473.0	473.6	474.3	473.6	473.0
9°	473.8	473.0	472.3	472.4	473.3	472.4	472.3	473.0	473.8	473.0	472.3
9.5°	473.0	472.2	470.7	471.7	472.5	471.7	470.7	472.2	473.0	472.2	470.7
10°	472.5	471.5	470.4	471.4	472.0	471.4	470.4	471.5	472.5	471.5	470.4
10.5°	470.0	470.4	469.1	470.2	470.9	470.2	469.1	470.4	470.0	470.4	469.1
11°	469.8	469.4	468.4	469.6	470.1	469.6	468.4	469.4	469.8	469.4	468.4
11.5°	468.8	469.2	467.7	468.5	469.4	468.5	467.7	469.2	468.8	469.2	467.7
12°	468.0	468.0	466.8	467.9	467.4	467.9	466.8	468.0	468.0	468.0	466.8
12.5°	466.7	467.2	465.2	466.3	466.6	466.3	465.2	467.2	466.7	467.2	465.2
13°	466.5	466.0	464.8	465.7	465.9	465.7	464.8	466.0	466.5	466.0	464.8
13.5°	465.4	465.4	463.8	464.9	465.0	464.9	463.8	465.4	465.4	465.4	463.8
14°	465.0	463.4	461.9	463.4	463.7	463.4	461.9	463.4	465.0	463.4	461.9
14.5°	463.4	462.8	461.2	462.6	462.7	462.6	461.2	462.8	463.4	462.8	461.2
15°	462.3	460.9	460.4	461.9	461.8	461.9	460.4	460.9	462.3	460.9	460.4
15.5°	461.2	459.6	459.1	460.5	459.6	460.5	459.1	459.6	461.2	459.6	459.1
16°	459.3	458.3	457.7	459.0	458.2	459.0	457.7	458.3	459.3	458.3	457.7
16.5°	458.6	457.1	456.6	457.5	456.6	457.5	456.6	457.1	458.6	457.1	456.6
17°	457.2	455.9	455.5	455.7	455.8	455.7	455.5	455.9	457.2	455.9	455.5
17.5°	455.2	454.6	454.4	454.7	454.7	454.7	454.4	454.6	455.2	454.6	454.4
18°	454.3	453.5	452.9	453.3	454.1	453.3	452.9	453.5	454.3	453.5	452.9
18.5°	453.7	451.7	450.7	451.8	452.6	451.8	450.7	451.7	453.7	451.7	450.7
19°	451.5	450.9	449.7	450.6	450.1	450.6	449.7	450.9	451.5	450.9	449.7
19.5°	449.5	448.9	448.4	449.4	448.8	449.4	448.4	448.9	449.5	448.9	448.4
20°	448.5	447.2	447.0	447.4	447.1	447.4	447.0	447.2	448.5	447.2	447.0
20.5°	447.7	445.5	445.3	445.8	445.7	445.8	445.3	445.5	447.7	445.5	445.3
21°	445.2	443.9	443.7	444.3	444.9	444.3	443.7	443.9	445.2	443.9	443.7



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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°	440.3	439.6	438.6	439.9	439.5	439.9	438.6	439.6	440.3	439.6	438.6
23°	438.7	437.2	437.2	437.7	437.1	437.7	437.2	437.2	438.7	437.2	437.2
23.5°	436.9	435.8	434.9	435.8	435.6	435.8	434.9	435.8	436.9	435.8	434.9
24°	435.7	434.2	433.4	434.0	433.8	434.0	433.4	434.2	435.7	434.2	433.4
24.5°	433.4	432.8	431.0	431.9	432.6	431.9	431.0	432.8	433.4	432.8	431.0
25°	431.5	430.3	429.2	429.7	430.6	429.7	429.2	430.3	431.5	430.3	429.2
25.5°	430.1	428.8	427.3	427.9	428.0	427.9	427.3	428.8	430.1	428.8	427.3
26°	426.9	426.3	425.4	425.9	426.0	425.9	425.4	426.3	426.9	426.3	425.4
26.5°	425.3	424.7	424.0	423.9	423.7	423.9	424.0	424.7	425.3	424.7	424.0
27°	423.5	422.1	420.8	421.8	421.9	421.8	420.8	422.1	423.5	422.1	420.8
27.5°	421.0	419.5	419.1	420.4	419.8	420.4	419.1	419.5	421.0	419.5	419.1
28°	419.4	418.3	417.1	418.6	418.1	418.6	417.1	418.3	419.4	418.3	417.1
28.5°	416.5	416.4	415.5	415.7	415.4	415.7	415.5	416.4	416.5	416.4	415.5
29°	414.7	414.4	413.2	413.9	414.1	413.9	413.2	414.4	414.7	414.4	413.2
29.5°	411.9	411.8	411.0	412.0	412.2	412.0	411.0	411.8	411.9	411.8	411.0
30°	410.2	410.1	408.3	409.8	409.6	409.8	408.3	410.1	410.2	410.1	408.3
30.5°	408.0	407.4	405.8	407.7	406.8	407.7	405.8	407.4	408.0	407.4	405.8
31°	405.8	405.1	403.7	404.9	405.0	404.9	403.7	405.1	405.8	405.1	403.7
31.5°	403.7	402.6	401.5	402.8	402.9	402.8	401.5	402.6	403.7	402.6	401.5
32°	401.1	400.2	399.4	400.0	399.9	400.0	399.4	400.2	401.1	400.2	399.4
32.5°	398.5	398.1	397.0	397.5	397.3	397.5	397.0	398.1	398.5	398.1	397.0
33°	395.9	395.7	395.0	395.2	394.9	395.2	395.0	395.7	395.9	395.7	395.0
33.5°	393.1	393.1	393.0	392.6	393.2	392.6	393.0	393.1	393.1	393.1	393.0
34°	391.2	390.3	390.2	390.3	391.0	390.3	390.2	390.3	391.2	390.3	390.2
34.5°	389.2	387.7	387.3	388.2	388.0	388.2	387.3	387.7	389.2	387.7	387.3
35°	386.6	384.9	384.9	385.4	385.1	385.4	384.9	384.9	386.6	384.9	384.9
35.5°	383.7	382.3	381.9	382.3	383.3	382.3	381.9	382.3	383.7	382.3	381.9
36°	381.1	380.2	379.4	379.5	379.6	379.5	379.4	380.2	381.1	380.2	379.4
36.5°	378.1	377.1	376.6	377.4	376.6	377.4	376.6	377.1	378.1	377.1	376.6
37°	375.3	374.5	373.9	374.6	374.4	374.6	373.9	374.5	375.3	374.5	373.9
37.5°	372.8	372.0	371.9	371.4	372.5	371.4	371.9	372.0	372.8	372.0	371.9
38°	370.6	368.9	368.8	368.6	369.3	368.6	368.8	368.9	370.6	368.9	368.8
38.5°	367.4	366.9	366.0	366.5	366.5	366.5	366.0	366.9	367.4	366.9	366.0
39°	364.2	363.8	363.3	363.5	362.9	363.5	363.3	363.8	364.2	363.8	363.3
39.5°	360.9	361.1	360.6	360.6	361.1	360.6	360.6	361.1	360.9	361.1	360.6
40°	359.3	358.0	357.7	357.8	357.9	357.8	357.7	358.0	359.3	358.0	357.7
40.5°	355.6	354.9	354.9	354.5	354.9	354.5	354.9	354.9	355.6	354.9	354.9
41°	352.6	352.1	352.0	351.8	351.3	351.8	352.0	352.1	352.6	352.1	352.0
41.5°	350.1	349.2	349.1	348.8	349.3	348.8	349.1	349.2	350.1	349.2	349.1
42°	347.1	346.3	346.2	345.7	345.7	345.7	346.2	346.3	347.1	346.3	346.2
42.5°	343.7	343.1	343.2	343.0	343.1	343.0	343.2	343.1	343.7	343.1	343.2
43°	340.5	339.6	339.8	339.9	339.8	339.9	339.8	339.6	340.5	339.6	339.8
43.5°	337.1	336.3	336.7	337.0	336.5	337.0	336.7	336.3	337.1	336.3	336.7



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	328.4	327.8	327.0	327.4	328.3	327.4	327.0	327.8	328.4	327.8	327.0
45.5°	325.7	324.4	323.6	324.4	324.6	324.4	323.6	324.4	325.7	324.4	323.6
46°	322.1	321.4	320.6	321.2	321.4	321.2	320.6	321.4	322.1	321.4	320.6
46.5°	318.7	318.2	317.8	318.2	317.9	318.2	317.8	318.2	318.7	318.2	317.8
47°	315.4	314.7	314.6	314.7	314.3	314.7	314.6	314.7	315.4	314.7	314.6
47.5°	312.1	311.4	311.0	311.0	311.3	311.0	311.0	311.4	312.1	311.4	311.0
48°	308.5	308.4	307.6	308.4	308.5	308.4	307.6	308.4	308.5	308.4	307.6
48.5°	305.3	305.1	304.7	304.9	304.9	304.9	304.7	305.1	305.3	305.1	304.7
49°	302.3	301.6	300.7	301.6	301.2	301.6	300.7	301.6	302.3	301.6	300.7
49.5°	299.0	298.3	296.9	298.4	297.6	298.4	296.9	298.3	299.0	298.3	296.9
50°	295.6	294.8	293.8	294.8	294.7	294.8	293.8	294.8	295.6	294.8	293.8
50.5°	291.9	291.4	290.7	291.1	291.3	291.1	290.7	291.4	291.9	291.4	290.7
51°	288.3	287.8	287.2	287.6	288.2	287.6	287.2	287.8	288.3	287.8	287.2
51.5°	285.3	284.2	283.6	284.1	284.4	284.1	283.6	284.2	285.3	284.2	283.6
52°	281.5	280.5	280.0	280.5	280.7	280.5	280.0	280.5	281.5	280.5	280.0
52.5°	277.8	277.1	276.7	277.2	277.8	277.2	276.7	277.1	277.8	277.1	276.7
53°	274.1	273.5	273.2	273.7	274.5	273.7	273.2	273.5	274.1	273.5	273.2
53.5°	270.3	269.9	270.0	270.2	270.6	270.2	270.0	269.9	270.3	269.9	270.0
54°	267.0	266.2	266.4	266.4	266.7	266.4	266.4	266.2	267.0	266.2	266.4
54.5°	263.5	262.7	262.6	262.7	262.9	262.7	262.6	262.7	263.5	262.7	262.6
55°	259.9	259.2	258.8	258.9	259.2	258.9	258.8	259.2	259.9	259.2	258.8
55.5°	256.3	255.3	255.1	255.0	255.7	255.0	255.1	255.3	256.3	255.3	255.1
56°	252.4	251.6	251.2	251.3	252.0	251.3	251.2	251.6	252.4	251.6	251.2
56.5°	248.9	247.9	247.5	247.6	248.4	247.6	247.5	247.9	248.9	247.9	247.5
57°	244.8	244.0	243.8	244.1	244.1	244.1	243.8	244.0	244.8	244.0	243.8
57.5°	241.1	240.1	239.9	240.5	240.4	240.5	239.9	240.1	241.1	240.1	239.9
58°	237.3	236.5	236.1	236.8	236.7	236.8	236.1	236.5	237.3	236.5	236.1
58.5°	233.7	232.7	232.4	233.1	233.1	233.1	232.4	232.7	233.7	232.7	232.4
59°	229.9	229.0	228.6	229.2	229.1	229.2	228.6	229.0	229.9	229.0	228.6
59.5°	225.9	224.9	224.7	225.0	225.5	225.0	224.7	224.9	225.9	224.9	224.7
60°	221.9	221.1	220.6	221.0	221.6	221.0	220.6	221.1	221.9	221.1	220.6
60.5°	217.5	217.3	216.7	217.0	217.9	217.0	216.7	217.3	217.5	217.3	216.7
61°	213.6	213.4	212.9	212.9	214.0	212.9	212.9	213.4	213.6	213.4	212.9
61.5°	209.6	209.1	208.8	208.9	209.7	208.9	208.8	209.1	209.6	209.1	208.8
62°	205.8	205.4	204.8	204.9	205.6	204.9	204.8	205.4	205.8	205.4	204.8
62.5°	201.7	201.2	200.8	201.0	201.2	201.0	200.8	201.2	201.7	201.2	200.8
63°	197.8	197.2	196.7	197.3	197.1	197.3	196.7	197.2	197.8	197.2	196.7
63.5°	193.5	192.9	192.5	193.1	193.1	193.1	192.5	192.9	193.5	192.9	192.5
64°	188.9	189.1	188.7	189.2	189.2	189.2	188.7	189.1	188.9	189.1	188.7
64.5°	184.8	184.8	184.5	185.0	185.1	185.0	184.5	184.8	184.8	184.8	184.5
65°	180.9	180.4	180.5	180.8	180.9	180.8	180.5	180.4	180.9	180.4	180.5
65.5°	177.0	176.4	176.3	176.6	176.8	176.6	176.3	176.4	177.0	176.4	176.3
66°	173.0	172.6	172.1	172.4	172.6	172.4	172.1	172.6	173.0	172.6	172.1



TEST NUMBER: P938627

CATALOG NUMBER: SMX6RLSFSD2W-1200LM-3000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	160.2	159.6	159.5	160.0	159.7	160.0	159.5	159.6	160.2	159.6	159.5
68°	156.0	155.6	155.4	155.7	155.6	155.7	155.4	155.6	156.0	155.6	155.4
68.5°	151.7	151.4	151.1	151.4	151.2	151.4	151.1	151.4	151.7	151.4	151.1
69°	147.2	147.2	146.9	146.9	147.2	146.9	146.9	147.2	147.2	147.2	146.9
69.5°	143.4	143.0	142.6	142.9	143.0	142.9	142.6	143.0	143.4	143.0	142.6
70°	139.4	138.9	138.4	138.6	138.8	138.6	138.4	138.9	139.4	138.9	138.4
70.5°	135.2	134.4	134.1	134.6	134.6	134.6	134.1	134.4	135.2	134.4	134.1
71°	130.8	130.2	129.8	130.2	130.2	130.2	129.8	130.2	130.8	130.2	129.8
71.5°	126.2	125.9	125.7	126.1	126.0	126.1	125.7	125.9	126.2	125.9	125.7
72°	122.0	121.4	121.5	121.9	121.6	121.9	121.5	121.4	122.0	121.4	121.5
72.5°	117.6	117.2	117.2	117.6	117.6	117.6	117.2	117.2	117.6	117.2	117.2
73°	113.1	112.8	112.8	113.4	113.3	113.4	112.8	112.8	113.1	112.8	112.8
73.5°	108.6	108.8	108.5	109.1	108.8	109.1	108.5	108.8	108.6	108.8	108.5
74°	104.4	104.5	104.3	104.7	104.8	104.7	104.3	104.5	104.4	104.5	104.3
74.5°	100.5	100.1	100.1	100.5	100.5	100.5	100.1	100.1	100.5	100.1	100.1
75°	96.3	95.9	95.8	96.1	96.4	96.1	95.8	95.9	96.3	95.9	95.8
75.5°	91.8	91.7	91.5	92.0	91.9	92.0	91.5	91.7	91.8	91.7	91.5
76°	87.5	87.5	87.5	87.7	88.0	87.7	87.5	87.5	87.5	87.5	87.5
76.5°	83.3	83.3	83.3	83.7	83.8	83.7	83.3	83.3	83.3	83.3	83.3
77°	79.1	79.0	79.1	79.5	79.6	79.5	79.1	79.0	79.1	79.0	79.1
77.5°	75.1	74.8	75.0	75.6	75.6	75.6	75.0	74.8	75.1	74.8	75.0
78°	71.1	70.9	71.1	71.6	71.9	71.6	71.1	70.9	71.1	70.9	71.1
78.5°	67.1	66.9	67.1	67.4	67.7	67.4	67.1	66.9	67.1	66.9	67.1
79°	63.0	62.8	63.1	63.5	63.6	63.5	63.1	62.8	63.0	62.8	63.1
79.5°	59.0	58.9	59.2	59.5	59.6	59.5	59.2	58.9	59.0	58.9	59.2
80°	55.2	55.1	55.3	55.6	55.7	55.6	55.3	55.1	55.2	55.1	55.3
80.5°	51.3	51.3	51.5	51.8	51.8	51.8	51.5	51.3	51.3	51.3	51.5
81°	47.5	47.5	47.7	48.0	48.0	48.0	47.7	47.5	47.5	47.5	47.7
81.5°	43.8	43.7	43.9	44.4	44.6	44.4	43.9	43.7	43.8	43.7	43.9
82°	39.9	40.1	40.4	40.9	41.1	40.9	40.4	40.1	39.9	40.1	40.4
82.5°	36.2	36.5	37.0	37.6	37.7	37.6	37.0	36.5	36.2	36.5	37.0
83°	32.7	33.0	33.5	34.2	34.5	34.2	33.5	33.0	32.7	33.0	33.5
83.5°	29.2	29.6	30.3	31.0	31.4	31.0	30.3	29.6	29.2	29.6	30.3
84°	26.1	26.5	27.2	27.9	28.3	27.9	27.2	26.5	26.1	26.5	27.2
84.5°	23.5	23.3	24.1	24.9	25.4	24.9	24.1	23.3	23.5	23.3	24.1
85°	20.3	20.5	21.1	22.0	22.6	22.0	21.1	20.5	20.3	20.5	21.1
85.5°	17.4	17.7	18.3	19.2	19.9	19.2	18.3	17.7	17.4	17.7	18.3
86°	14.8	15.1	15.9	16.8	17.6	16.8	15.9	15.1	14.8	15.1	15.9
86.5°	12.5	12.7	13.6	14.5	15.3	14.5	13.6	12.7	12.5	12.7	13.6
87°	10.1	10.5	11.5	12.6	13.4	12.6	11.5	10.5	10.1	10.5	11.5
87.5°	8.1	8.6	9.6	10.7	11.6	10.7	9.6	8.6	8.1	8.6	9.6
88°	6.4	6.8	7.9	9.0	10.0	9.0	7.9	6.8	6.4	6.8	7.9
88.5°	4.8	5.2	6.3	7.6	8.5	7.6	6.3	5.2	4.8	5.2	6.3



TEST NUMBER: P938627
CATALOG NUMBER: SMX6RLSFSD2W-1200LM-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: P938627

CATALOG NUMBER: SMX6RLSFSD2W-1200LM-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	479.5	479.5	479.5	479.5	479.5	479.5
0.5°	479.6	479.5	479.6	478.3	479.2	480.9
1°	479.1	479.1	479.1	478.4	479.0	480.8
1.5°	479.4	478.9	479.4	478.9	479.1	480.2
2°	479.3	478.3	479.3	478.4	479.3	480.1
2.5°	479.5	478.9	479.5	477.9	478.7	479.3
3°	479.0	478.9	479.0	478.1	478.6	479.3
3.5°	478.4	478.7	478.4	477.7	478.3	479.6
4°	478.0	478.4	478.0	477.3	478.2	478.4
4.5°	477.7	477.9	477.7	477.1	477.5	478.0
5°	477.4	477.9	477.4	476.1	477.1	478.3
5.5°	477.1	477.7	477.1	475.7	476.6	478.2
6°	476.5	477.0	476.5	475.3	476.1	477.9
6.5°	475.5	476.8	475.5	474.7	475.8	476.6
7°	475.2	475.8	475.2	474.3	475.7	475.9
7.5°	474.5	474.7	474.5	474.0	475.2	475.1
8°	473.7	474.4	473.7	473.7	474.4	475.0
8.5°	473.3	474.3	473.3	473.0	473.6	474.3
9°	472.4	473.3	472.4	472.3	473.0	473.8
9.5°	471.7	472.5	471.7	470.7	472.2	473.0
10°	471.4	472.0	471.4	470.4	471.5	472.5
10.5°	470.2	470.9	470.2	469.1	470.4	470.0
11°	469.6	470.1	469.6	468.4	469.4	469.8
11.5°	468.5	469.4	468.5	467.7	469.2	468.8
12°	467.9	467.4	467.9	466.8	468.0	468.0
12.5°	466.3	466.6	466.3	465.2	467.2	466.7
13°	465.7	465.9	465.7	464.8	466.0	466.5
13.5°	464.9	465.0	464.9	463.8	465.4	465.4
14°	463.4	463.7	463.4	461.9	463.4	465.0
14.5°	462.6	462.7	462.6	461.2	462.8	463.4
15°	461.9	461.8	461.9	460.4	460.9	462.3
15.5°	460.5	459.6	460.5	459.1	459.6	461.2
16°	459.0	458.2	459.0	457.7	458.3	459.3
16.5°	457.5	456.6	457.5	456.6	457.1	458.6
17°	455.7	455.8	455.7	455.5	455.9	457.2
17.5°	454.7	454.7	454.7	454.4	454.6	455.2
18°	453.3	454.1	453.3	452.9	453.5	454.3
18.5°	451.8	452.6	451.8	450.7	451.7	453.7
19°	450.6	450.1	450.6	449.7	450.9	451.5
19.5°	449.4	448.8	449.4	448.4	448.9	449.5
20°	447.4	447.1	447.4	447.0	447.2	448.5
20.5°	445.8	445.7	445.8	445.3	445.5	447.7
21°	444.3	444.9	444.3	443.7	443.9	445.2



TEST NUMBER: P938627

CATALOG NUMBER: SMX6RLSFSD2W-1200LM-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	439.9	439.5	439.9	438.6	439.6	440.3
23°	437.7	437.1	437.7	437.2	437.2	438.7
23.5°	435.8	435.6	435.8	434.9	435.8	436.9
24°	434.0	433.8	434.0	433.4	434.2	435.7
24.5°	431.9	432.6	431.9	431.0	432.8	433.4
25°	429.7	430.6	429.7	429.2	430.3	431.5
25.5°	427.9	428.0	427.9	427.3	428.8	430.1
26°	425.9	426.0	425.9	425.4	426.3	426.9
26.5°	423.9	423.7	423.9	424.0	424.7	425.3
27°	421.8	421.9	421.8	420.8	422.1	423.5
27.5°	420.4	419.8	420.4	419.1	419.5	421.0
28°	418.6	418.1	418.6	417.1	418.3	419.4
28.5°	415.7	415.4	415.7	415.5	416.4	416.5
29°	413.9	414.1	413.9	413.2	414.4	414.7
29.5°	412.0	412.2	412.0	411.0	411.8	411.9
30°	409.8	409.6	409.8	408.3	410.1	410.2
30.5°	407.7	406.8	407.7	405.8	407.4	408.0
31°	404.9	405.0	404.9	403.7	405.1	405.8
31.5°	402.8	402.9	402.8	401.5	402.6	403.7
32°	400.0	399.9	400.0	399.4	400.2	401.1
32.5°	397.5	397.3	397.5	397.0	398.1	398.5
33°	395.2	394.9	395.2	395.0	395.7	395.9
33.5°	392.6	393.2	392.6	393.0	393.1	393.1
34°	390.3	391.0	390.3	390.2	390.3	391.2
34.5°	388.2	388.0	388.2	387.3	387.7	389.2
35°	385.4	385.1	385.4	384.9	384.9	386.6
35.5°	382.3	383.3	382.3	381.9	382.3	383.7
36°	379.5	379.6	379.5	379.4	380.2	381.1
36.5°	377.4	376.6	377.4	376.6	377.1	378.1
37°	374.6	374.4	374.6	373.9	374.5	375.3
37.5°	371.4	372.5	371.4	371.9	372.0	372.8
38°	368.6	369.3	368.6	368.8	368.9	370.6
38.5°	366.5	366.5	366.5	366.0	366.9	367.4
39°	363.5	362.9	363.5	363.3	363.8	364.2
39.5°	360.6	361.1	360.6	360.6	361.1	360.9
40°	357.8	357.9	357.8	357.7	358.0	359.3
40.5°	354.5	354.9	354.5	354.9	354.9	355.6
41°	351.8	351.3	351.8	352.0	352.1	352.6
41.5°	348.8	349.3	348.8	349.1	349.2	350.1
42°	345.7	345.7	345.7	346.2	346.3	347.1
42.5°	343.0	343.1	343.0	343.2	343.1	343.7
43°	339.9	339.8	339.9	339.8	339.6	340.5
43.5°	337.0	336.5	337.0	336.7	336.3	337.1



TEST NUMBER: P938627

CATALOG NUMBER: SMX6RLSFSD2W-1200LM-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	327.4	328.3	327.4	327.0	327.8	328.4
45.5°	324.4	324.6	324.4	323.6	324.4	325.7
46°	321.2	321.4	321.2	320.6	321.4	322.1
46.5°	318.2	317.9	318.2	317.8	318.2	318.7
47°	314.7	314.3	314.7	314.6	314.7	315.4
47.5°	311.0	311.3	311.0	311.0	311.4	312.1
48°	308.4	308.5	308.4	307.6	308.4	308.5
48.5°	304.9	304.9	304.9	304.7	305.1	305.3
49°	301.6	301.2	301.6	300.7	301.6	302.3
49.5°	298.4	297.6	298.4	296.9	298.3	299.0
50°	294.8	294.7	294.8	293.8	294.8	295.6
50.5°	291.1	291.3	291.1	290.7	291.4	291.9
51°	287.6	288.2	287.6	287.2	287.8	288.3
51.5°	284.1	284.4	284.1	283.6	284.2	285.3
52°	280.5	280.7	280.5	280.0	280.5	281.5
52.5°	277.2	277.8	277.2	276.7	277.1	277.8
53°	273.7	274.5	273.7	273.2	273.5	274.1
53.5°	270.2	270.6	270.2	270.0	269.9	270.3
54°	266.4	266.7	266.4	266.4	266.2	267.0
54.5°	262.7	262.9	262.7	262.6	262.7	263.5
55°	258.9	259.2	258.9	258.8	259.2	259.9
55.5°	255.0	255.7	255.0	255.1	255.3	256.3
56°	251.3	252.0	251.3	251.2	251.6	252.4
56.5°	247.6	248.4	247.6	247.5	247.9	248.9
57°	244.1	244.1	244.1	243.8	244.0	244.8
57.5°	240.5	240.4	240.5	239.9	240.1	241.1
58°	236.8	236.7	236.8	236.1	236.5	237.3
58.5°	233.1	233.1	233.1	232.4	232.7	233.7
59°	229.2	229.1	229.2	228.6	229.0	229.9
59.5°	225.0	225.5	225.0	224.7	224.9	225.9
60°	221.0	221.6	221.0	220.6	221.1	221.9
60.5°	217.0	217.9	217.0	216.7	217.3	217.5
61°	212.9	214.0	212.9	212.9	213.4	213.6
61.5°	208.9	209.7	208.9	208.8	209.1	209.6
62°	204.9	205.6	204.9	204.8	205.4	205.8
62.5°	201.0	201.2	201.0	200.8	201.2	201.7
63°	197.3	197.1	197.3	196.7	197.2	197.8
63.5°	193.1	193.1	193.1	192.5	192.9	193.5
64°	189.2	189.2	189.2	188.7	189.1	188.9
64.5°	185.0	185.1	185.0	184.5	184.8	184.8
65°	180.8	180.9	180.8	180.5	180.4	180.9
65.5°	176.6	176.8	176.6	176.3	176.4	177.0
66°	172.4	172.6	172.4	172.1	172.6	173.0



TEST NUMBER: P938627
 CATALOG NUMBER: SMX6RLSFSD2W-1200LM-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	160.0	159.7	160.0	159.5	159.6	160.2
68°	155.7	155.6	155.7	155.4	155.6	156.0
68.5°	151.4	151.2	151.4	151.1	151.4	151.7
69°	146.9	147.2	146.9	146.9	147.2	147.2
69.5°	142.9	143.0	142.9	142.6	143.0	143.4
70°	138.6	138.8	138.6	138.4	138.9	139.4
70.5°	134.6	134.6	134.6	134.1	134.4	135.2
71°	130.2	130.2	130.2	129.8	130.2	130.8
71.5°	126.1	126.0	126.1	125.7	125.9	126.2
72°	121.9	121.6	121.9	121.5	121.4	122.0
72.5°	117.6	117.6	117.6	117.2	117.2	117.6
73°	113.4	113.3	113.4	112.8	112.8	113.1
73.5°	109.1	108.8	109.1	108.5	108.8	108.6
74°	104.7	104.8	104.7	104.3	104.5	104.4
74.5°	100.5	100.5	100.5	100.1	100.1	100.5
75°	96.1	96.4	96.1	95.8	95.9	96.3
75.5°	92.0	91.9	92.0	91.5	91.7	91.8
76°	87.7	88.0	87.7	87.5	87.5	87.5
76.5°	83.7	83.8	83.7	83.3	83.3	83.3
77°	79.5	79.6	79.5	79.1	79.0	79.1
77.5°	75.6	75.6	75.6	75.0	74.8	75.1
78°	71.6	71.9	71.6	71.1	70.9	71.1
78.5°	67.4	67.7	67.4	67.1	66.9	67.1
79°	63.5	63.6	63.5	63.1	62.8	63.0
79.5°	59.5	59.6	59.5	59.2	58.9	59.0
80°	55.6	55.7	55.6	55.3	55.1	55.2
80.5°	51.8	51.8	51.8	51.5	51.3	51.3
81°	48.0	48.0	48.0	47.7	47.5	47.5
81.5°	44.4	44.6	44.4	43.9	43.7	43.8
82°	40.9	41.1	40.9	40.4	40.1	39.9
82.5°	37.6	37.7	37.6	37.0	36.5	36.2
83°	34.2	34.5	34.2	33.5	33.0	32.7
83.5°	31.0	31.4	31.0	30.3	29.6	29.2
84°	27.9	28.3	27.9	27.2	26.5	26.1
84.5°	24.9	25.4	24.9	24.1	23.3	23.5
85°	22.0	22.6	22.0	21.1	20.5	20.3
85.5°	19.2	19.9	19.2	18.3	17.7	17.4
86°	16.8	17.6	16.8	15.9	15.1	14.8
86.5°	14.5	15.3	14.5	13.6	12.7	12.5
87°	12.6	13.4	12.6	11.5	10.5	10.1
87.5°	10.7	11.6	10.7	9.6	8.6	8.1
88°	9.0	10.0	9.0	7.9	6.8	6.4
88.5°	7.6	8.5	7.6	6.3	5.2	4.8



TEST NUMBER: P938627
CATALOG NUMBER: SMX6RLSFSD2W-1200LM-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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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°	444.3	442.7	441.9	443.1	442.2	443.1	441.9	442.7	444.3	442.7	441.9
22°	442.7	440.9	440.6	441.1	440.2	441.1	440.6	440.9	442.7	440.9	440.6



44°	334.1	333.7	333.7	333.8	334.1	333.8	333.7	333.7	334.1	333.7	333.7
44.5°	331.1	330.8	330.5	330.7	331.4	330.7	330.5	330.8	331.1	330.8	330.5



66.5°	168.7	168.4	167.9	168.2	168.4	168.2	167.9	168.4	168.7	168.4	167.9
67°	164.5	163.9	163.7	164.0	163.9	164.0	163.7	163.9	164.5	163.9	163.7



89°	3.6	4.0	5.1	6.2	7.0	6.2	5.1	4.0	3.6	4.0	5.1
89.5°	2.5	3.0	3.9	5.0	5.9	5.0	3.9	3.0	2.5	3.0	3.9

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21.5°	443.1	442.2	443.1	441.9	442.7	444.3
22°	441.1	440.2	441.1	440.6	440.9	442.7



44°	333.8	334.1	333.8	333.7	333.7	334.1
44.5°	330.7	331.4	330.7	330.5	330.8	331.1



66.5°	168.2	168.4	168.2	167.9	168.4	168.7
67°	164.0	163.9	164.0	163.7	163.9	164.5

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89°	6.2	7.0	6.2	5.1	4.0	3.6
89.5°	5.0	5.9	5.0	3.9	3.0	2.5

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(END OF REPORT)