

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: P938632

Luminaire Tested: SMX6RLSFSD2W-750LM-3000K

Issue Date: 1/9/2025



Test Information

Test Method: LM-79-2019
Report Number: P938632
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-750LM-3000K
Description: 6IN ROUND, 90CRI, DIMMING TO 10%, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 3000K CCT
Ballast/Driver: -

Summary

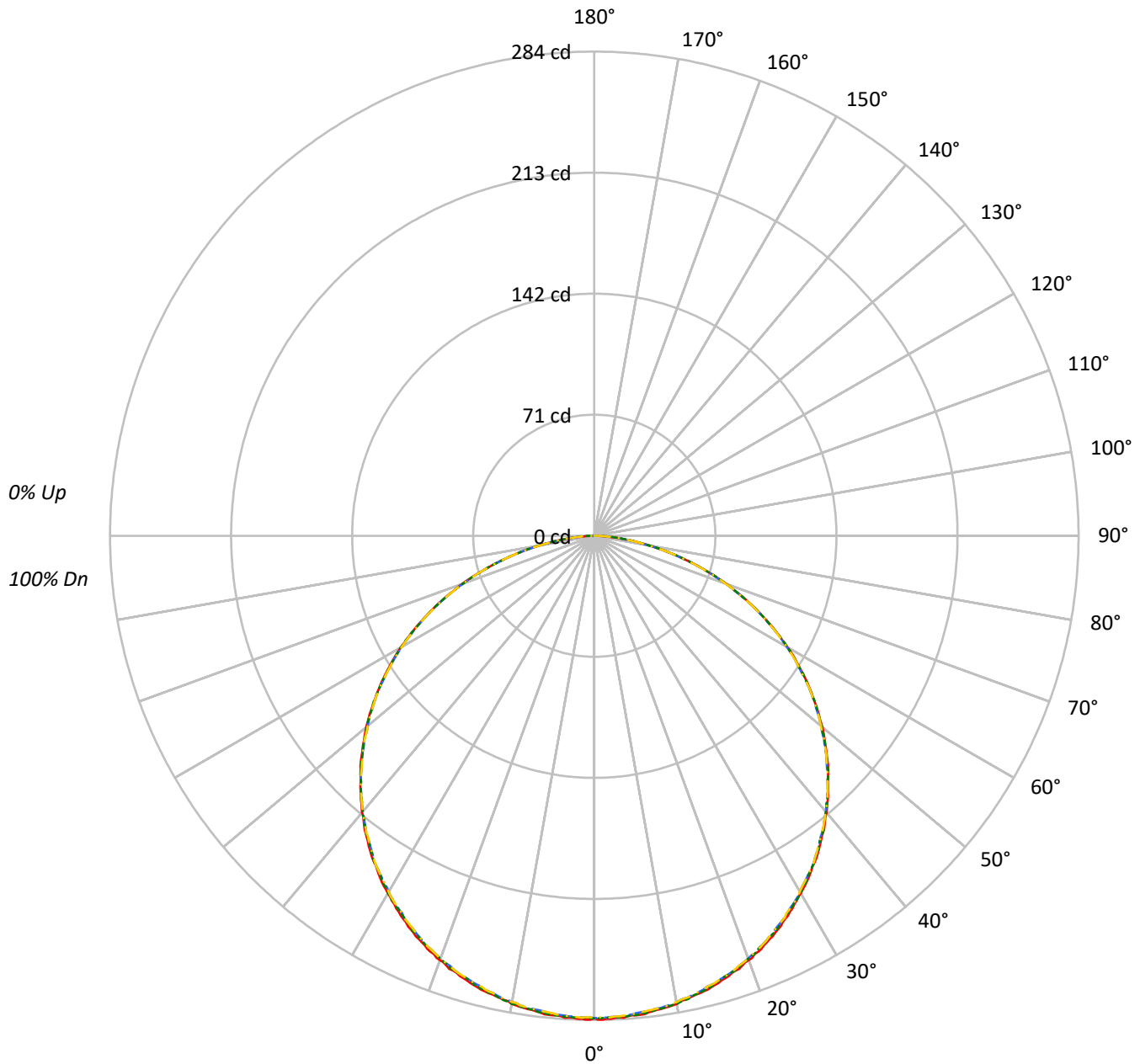
Lumens per Lamp: N/A
Luminaire Lumens: 829.6 lumens
Efficiency: N/A
Efficacy: 103.7 lumens/watt
Spacing Criteria (0/90/45): 1.27 / 1.27 / 1.39
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 8
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: SMX6RLSFSD2W-750LM-3000K

Luminous Intensity Polar Plot





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CATALOG NUMBER: SMX6RLSFSD2W-750LM-3000K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	109	104	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°	15520	15520	15520	15520
5°	15540	15529	15540	15529
10°	15525	15514	15525	15514
15°	15488	15471	15488	15471
20°	15448	15401	15448	15401
25°	15412	15376	15412	15376
30°	15331	15312	15331	15312
35°	15272	15212	15272	15212
40°	15178	15121	15178	15121
45°	15033	15025	15033	15025
50°	14891	14840	14891	14840
55°	14661	14623	14661	14623
60°	14363	14352	14363	14352
65°	13854	13854	13854	13854
70°	13191	13127	13191	13127
75°	12031	12052	12031	12052
80°	10292	10386	10292	10386
85°	7548	8366	7548	8366

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°

Vertical Angle: 89.5°

Luminance: 21987 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.8	3.2
10°-20°	76.9	9.3
20°-30°	117.1	14.1
30°-40°	142.3	17.2
40°-50°	149.2	18.0
50°-60°	136.6	16.5
60°-70°	105.4	12.7
70°-80°	60.0	7.2
80°-90°	15.4	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°	220.7	26.6
0°-40°	363.0	43.8
0°-60°	648.8	78.2
0°-90°	829.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	829.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	283	283	283	283	283	
5°	282	282	282	282	282	27
15°	273	273	273	273	273	77
25°	255	254	255	254	255	117
35°	228	227	228	227	228	143
45°	194	194	194	194	194	149
55°	153	153	153	153	153	137
65°	107	107	107	107	107	106
75°	57	57	57	57	57	60
85°	12	13	12	13	12	15
90°	0	0	0	0	0	

TEST NUMBER: P938632

CATALOG NUMBER: SMX6RLSFSD2W-750LM-3000K

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	283.1	283.1	283.1	283.1	283.1	283.1	283.1	283.1	283.1	283.1	283.1
0.5°	283.9	282.9	282.4	283.2	283.1	283.2	282.4	282.9	283.9	282.9	282.4
1°	283.9	282.8	282.5	282.9	282.9	282.9	282.5	282.8	283.9	282.8	282.5
1.5°	283.5	282.9	282.8	283.1	282.8	283.1	282.8	282.9	283.5	282.9	282.8
2°	283.5	283.0	282.5	283.0	282.4	283.0	282.5	283.0	283.5	283.0	282.5
2.5°	283.0	282.6	282.2	283.1	282.8	283.1	282.2	282.6	283.0	282.6	282.2
3°	283.0	282.6	282.3	282.8	282.8	282.8	282.3	282.6	283.0	282.6	282.3
3.5°	283.2	282.4	282.0	282.5	282.6	282.5	282.0	282.4	283.2	282.4	282.0
4°	282.5	282.3	281.8	282.2	282.5	282.2	281.8	282.3	282.5	282.3	281.8
4.5°	282.2	281.9	281.7	282.0	282.2	282.0	281.7	281.9	282.2	281.9	281.7
5°	282.4	281.7	281.1	281.9	282.2	281.9	281.1	281.7	282.4	281.7	281.1
5.5°	282.3	281.4	280.9	281.7	282.0	281.7	280.9	281.4	282.3	281.4	280.9
6°	282.2	281.1	280.6	281.3	281.6	281.3	280.6	281.1	282.2	281.1	280.6
6.5°	281.4	280.9	280.3	280.7	281.5	280.7	280.3	280.9	281.4	280.9	280.3
7°	281.0	280.9	280.0	280.6	280.9	280.6	280.0	280.9	281.0	280.9	280.0
7.5°	280.5	280.6	279.8	280.1	280.3	280.1	279.8	280.6	280.5	280.6	279.8
8°	280.4	280.1	279.7	279.7	280.1	279.7	279.7	280.1	280.4	280.1	279.7
8.5°	280.0	279.6	279.2	279.4	280.0	279.4	279.2	279.6	280.0	279.6	279.2
9°	279.7	279.2	278.8	278.9	279.4	278.9	278.8	279.2	279.7	279.2	278.8
9.5°	279.2	278.8	277.9	278.5	278.9	278.5	277.9	278.8	279.2	278.8	277.9
10°	278.9	278.4	277.8	278.4	278.7	278.4	277.8	278.4	278.9	278.4	277.8
10.5°	277.5	277.8	277.0	277.6	278.1	277.6	277.0	277.8	277.5	277.8	277.0
11°	277.4	277.2	276.6	277.3	277.6	277.3	276.6	277.2	277.4	277.2	276.6
11.5°	276.8	277.0	276.2	276.6	277.2	276.6	276.2	277.0	276.8	277.0	276.2
12°	276.3	276.3	275.6	276.3	276.0	276.3	275.6	276.3	276.3	276.3	275.6
12.5°	275.6	275.9	274.7	275.3	275.5	275.3	274.7	275.9	275.6	275.9	274.7
13°	275.4	275.1	274.4	275.0	275.1	275.0	274.4	275.1	275.4	275.1	274.4
13.5°	274.8	274.8	273.8	274.5	274.5	274.5	273.8	274.8	274.8	274.8	273.8
14°	274.5	273.6	272.7	273.6	273.8	273.6	272.7	273.6	274.5	273.6	272.7
14.5°	273.6	273.2	272.3	273.1	273.2	273.1	272.3	273.2	273.6	273.2	272.3
15°	272.9	272.1	271.8	272.7	272.6	272.7	271.8	272.1	272.9	272.1	271.8
15.5°	272.3	271.3	271.0	271.9	271.3	271.9	271.0	271.3	272.3	271.3	271.0
16°	271.2	270.6	270.2	271.0	270.5	271.0	270.2	270.6	271.2	270.6	270.2
16.5°	270.7	269.9	269.6	270.1	269.6	270.1	269.6	269.9	270.7	269.9	269.6
17°	270.0	269.2	269.0	269.1	269.1	269.1	269.0	269.2	270.0	269.2	269.0
17.5°	268.8	268.4	268.3	268.5	268.5	268.5	268.3	268.4	268.8	268.4	268.3
18°	268.2	267.8	267.4	267.7	268.1	267.7	267.4	267.8	268.2	267.8	267.4
18.5°	267.9	266.7	266.1	266.8	267.2	266.8	266.1	266.7	267.9	266.7	266.1
19°	266.6	266.2	265.5	266.0	265.8	266.0	265.5	266.2	266.6	266.2	265.5
19.5°	265.4	265.0	264.7	265.3	265.0	265.3	264.7	265.0	265.4	265.0	264.7
20°	264.8	264.0	263.9	264.1	264.0	264.1	263.9	264.0	264.8	264.0	263.9
20.5°	264.3	263.0	262.9	263.2	263.1	263.2	262.9	263.0	264.3	263.0	262.9
21°	262.8	262.1	261.9	262.3	262.7	262.3	261.9	262.1	262.8	262.1	261.9

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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°	260.0	259.6	259.0	259.7	259.5	259.7	259.0	259.6	260.0	259.6	259.0
23°	259.0	258.1	258.1	258.4	258.1	258.4	258.1	258.1	259.0	258.1	258.1
23.5°	258.0	257.3	256.8	257.3	257.2	257.3	256.8	257.3	258.0	257.3	256.8
24°	257.2	256.4	255.9	256.2	256.1	256.2	255.9	256.4	257.2	256.4	255.9
24.5°	255.9	255.5	254.5	255.0	255.4	255.0	254.5	255.5	255.9	255.5	254.5
25°	254.8	254.0	253.4	253.7	254.2	253.7	253.4	254.0	254.8	254.0	253.4
25.5°	253.9	253.1	252.3	252.7	252.7	252.7	252.3	253.1	253.9	253.1	252.3
26°	252.1	251.7	251.2	251.5	251.5	251.5	251.2	251.7	252.1	251.7	251.2
26.5°	251.1	250.8	250.4	250.3	250.2	250.3	250.4	250.8	251.1	250.8	250.4
27°	250.1	249.2	248.4	249.0	249.1	249.0	248.4	249.2	250.1	249.2	248.4
27.5°	248.6	247.7	247.4	248.2	247.9	248.2	247.4	247.7	248.6	247.7	247.4
28°	247.6	247.0	246.3	247.1	246.8	247.1	246.3	247.0	247.6	247.0	246.3
28.5°	245.9	245.8	245.3	245.4	245.2	245.4	245.3	245.8	245.9	245.8	245.3
29°	244.8	244.6	244.0	244.3	244.5	244.3	244.0	244.6	244.8	244.6	244.0
29.5°	243.2	243.2	242.7	243.3	243.4	243.3	242.7	243.2	243.2	243.2	242.7
30°	242.2	242.1	241.1	242.0	241.9	242.0	241.1	242.1	242.2	242.1	241.1
30.5°	240.9	240.5	239.6	240.7	240.2	240.7	239.6	240.5	240.9	240.5	239.6
31°	239.6	239.2	238.3	239.1	239.1	239.1	238.3	239.2	239.6	239.2	238.3
31.5°	238.3	237.7	237.0	237.8	237.9	237.8	237.0	237.7	238.3	237.7	237.0
32°	236.8	236.3	235.8	236.1	236.1	236.1	235.8	236.3	236.8	236.3	235.8
32.5°	235.3	235.1	234.4	234.7	234.6	234.7	234.4	235.1	235.3	235.1	234.4
33°	233.8	233.6	233.2	233.3	233.2	233.3	233.2	233.6	233.8	233.6	233.2
33.5°	232.1	232.1	232.0	231.8	232.2	231.8	232.0	232.1	232.1	232.1	232.0
34°	231.0	230.4	230.4	230.4	230.9	230.4	230.4	230.4	231.0	230.4	230.4
34.5°	229.8	228.9	228.7	229.2	229.1	229.2	228.7	228.9	229.8	228.9	228.7
35°	228.2	227.2	227.2	227.5	227.3	227.5	227.2	227.2	228.2	227.2	227.2
35.5°	226.6	225.7	225.5	225.7	226.3	225.7	225.5	225.7	226.6	225.7	225.5
36°	225.0	224.5	224.0	224.1	224.1	224.1	224.0	224.5	225.0	224.5	224.0
36.5°	223.2	222.6	222.4	222.8	222.4	222.8	222.4	222.6	223.2	222.6	222.4
37°	221.6	221.1	220.7	221.2	221.0	221.2	220.7	221.1	221.6	221.1	220.7
37.5°	220.1	219.6	219.6	219.3	219.9	219.3	219.6	219.6	220.1	219.6	219.6
38°	218.8	217.8	217.8	217.7	218.1	217.7	217.8	217.8	218.8	217.8	217.8
38.5°	216.9	216.6	216.1	216.4	216.4	216.4	216.1	216.6	216.9	216.6	216.1
39°	215.0	214.8	214.5	214.6	214.3	214.6	214.5	214.8	215.0	214.8	214.5
39.5°	213.1	213.2	212.9	212.9	213.2	212.9	212.9	213.2	213.1	213.2	212.9
40°	212.1	211.4	211.2	211.2	211.3	211.2	211.2	211.4	212.1	211.4	211.2
40.5°	210.0	209.6	209.6	209.3	209.6	209.3	209.6	209.6	210.0	209.6	209.6
41°	208.2	207.9	207.8	207.7	207.4	207.7	207.8	207.9	208.2	207.9	207.8
41.5°	206.7	206.2	206.1	205.9	206.2	205.9	206.1	206.2	206.7	206.2	206.1
42°	204.9	204.5	204.4	204.1	204.1	204.1	204.4	204.5	204.9	204.5	204.4
42.5°	202.9	202.6	202.6	202.5	202.6	202.5	202.6	202.6	202.9	202.6	202.6
43°	201.1	200.5	200.7	200.7	200.7	200.7	200.7	200.5	201.1	200.5	200.7
43.5°	199.0	198.6	198.8	199.0	198.7	199.0	198.8	198.6	199.0	198.6	198.8

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	193.9	193.5	193.0	193.3	193.8	193.3	193.0	193.5	193.9	193.5	193.0
45.5°	192.3	191.6	191.1	191.6	191.7	191.6	191.1	191.6	192.3	191.6	191.1
46°	190.2	189.8	189.3	189.7	189.8	189.7	189.3	189.8	190.2	189.8	189.3
46.5°	188.2	187.9	187.6	187.9	187.7	187.9	187.6	187.9	188.2	187.9	187.6
47°	186.2	185.8	185.7	185.8	185.5	185.8	185.7	185.8	186.2	185.8	185.7
47.5°	184.3	183.9	183.6	183.6	183.8	183.6	183.6	183.9	184.3	183.9	183.6
48°	182.2	182.1	181.6	182.1	182.2	182.1	181.6	182.1	182.2	182.1	181.6
48.5°	180.3	180.1	179.9	180.0	180.0	180.0	179.9	180.1	180.3	180.1	179.9
49°	178.5	178.1	177.5	178.1	177.8	178.1	177.5	178.1	178.5	178.1	177.5
49.5°	176.5	176.1	175.3	176.2	175.7	176.2	175.3	176.1	176.5	176.1	175.3
50°	174.6	174.1	173.5	174.1	174.0	174.1	173.5	174.1	174.6	174.1	173.5
50.5°	172.4	172.1	171.6	171.9	172.0	171.9	171.6	172.1	172.4	172.1	171.6
51°	170.2	169.9	169.6	169.8	170.2	169.8	169.6	169.9	170.2	169.9	169.6
51.5°	168.4	167.8	167.4	167.7	167.9	167.7	167.4	167.8	168.4	167.8	167.4
52°	166.2	165.6	165.3	165.6	165.8	165.6	165.3	165.6	166.2	165.6	165.3
52.5°	164.0	163.6	163.4	163.7	164.0	163.7	163.4	163.6	164.0	163.6	163.4
53°	161.8	161.5	161.3	161.6	162.1	161.6	161.3	161.5	161.8	161.5	161.3
53.5°	159.6	159.3	159.4	159.5	159.7	159.5	159.4	159.3	159.6	159.3	159.4
54°	157.7	157.2	157.3	157.3	157.5	157.3	157.3	157.2	157.7	157.2	157.3
54.5°	155.6	155.1	155.1	155.1	155.2	155.1	155.1	155.1	155.6	155.1	155.1
55°	153.4	153.0	152.8	152.9	153.0	152.9	152.8	153.0	153.4	153.0	152.8
55.5°	151.3	150.7	150.6	150.5	150.9	150.5	150.6	150.7	151.3	150.7	150.6
56°	149.0	148.6	148.3	148.4	148.8	148.4	148.3	148.6	149.0	148.6	148.3
56.5°	147.0	146.4	146.1	146.2	146.7	146.2	146.1	146.4	147.0	146.4	146.1
57°	144.5	144.1	143.9	144.1	144.1	144.1	143.9	144.1	144.5	144.1	143.9
57.5°	142.3	141.7	141.6	142.0	141.9	142.0	141.6	141.7	142.3	141.7	141.6
58°	140.1	139.7	139.4	139.8	139.8	139.8	139.4	139.7	140.1	139.7	139.4
58.5°	138.0	137.4	137.2	137.6	137.6	137.6	137.2	137.4	138.0	137.4	137.2
59°	135.7	135.2	135.0	135.3	135.3	135.3	135.0	135.2	135.7	135.2	135.0
59.5°	133.4	132.8	132.7	132.9	133.1	132.9	132.7	132.8	133.4	132.8	132.7
60°	131.0	130.6	130.3	130.5	130.9	130.5	130.3	130.6	131.0	130.6	130.3
60.5°	128.4	128.3	127.9	128.1	128.7	128.1	127.9	128.3	128.4	128.3	127.9
61°	126.1	126.0	125.7	125.7	126.3	125.7	125.7	126.0	126.1	126.0	125.7
61.5°	123.8	123.5	123.3	123.4	123.8	123.4	123.3	123.5	123.8	123.5	123.3
62°	121.5	121.3	120.9	121.0	121.4	121.0	120.9	121.3	121.5	121.3	120.9
62.5°	119.1	118.8	118.5	118.7	118.8	118.7	118.5	118.8	119.1	118.8	118.5
63°	116.8	116.4	116.1	116.5	116.3	116.5	116.1	116.4	116.8	116.4	116.1
63.5°	114.3	113.9	113.7	114.0	114.0	114.0	113.7	113.9	114.3	113.9	113.7
64°	111.5	111.7	111.4	111.7	111.7	111.7	111.4	111.7	111.5	111.7	111.4
64.5°	109.1	109.1	108.9	109.2	109.3	109.2	108.9	109.1	109.1	109.1	108.9
65°	106.8	106.5	106.6	106.8	106.8	106.8	106.6	106.5	106.8	106.5	106.6
65.5°	104.5	104.2	104.1	104.3	104.4	104.3	104.1	104.2	104.5	104.2	104.1
66°	102.1	101.9	101.6	101.8	101.9	101.8	101.6	101.9	102.1	101.9	101.6

TEST NUMBER: P938632

CATALOG NUMBER: SMX6RLSFSD2W-750LM-3000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	94.6	94.2	94.2	94.5	94.3	94.5	94.2	94.2	94.6	94.2	94.2
68°	92.1	91.9	91.7	91.9	91.9	91.9	91.7	91.9	92.1	91.9	91.7
68.5°	89.6	89.4	89.2	89.4	89.3	89.4	89.2	89.4	89.6	89.4	89.2
69°	86.9	86.9	86.7	86.7	86.9	86.7	86.7	86.9	86.9	86.9	86.7
69.5°	84.7	84.4	84.2	84.4	84.4	84.4	84.2	84.4	84.7	84.4	84.2
70°	82.3	82.0	81.7	81.8	81.9	81.8	81.7	82.0	82.3	82.0	81.7
70.5°	79.8	79.4	79.2	79.5	79.5	79.5	79.2	79.4	79.8	79.4	79.2
71°	77.2	76.9	76.6	76.9	76.9	76.9	76.6	76.9	77.2	76.9	76.6
71.5°	74.5	74.3	74.2	74.4	74.4	74.4	74.2	74.3	74.5	74.3	74.2
72°	72.1	71.7	71.8	72.0	71.8	72.0	71.8	71.7	72.1	71.7	71.8
72.5°	69.4	69.2	69.2	69.4	69.4	69.4	69.2	69.2	69.4	69.2	69.2
73°	66.8	66.6	66.6	66.9	66.9	66.9	66.6	66.6	66.8	66.6	66.6
73.5°	64.1	64.3	64.1	64.4	64.3	64.4	64.1	64.3	64.1	64.3	64.1
74°	61.7	61.7	61.6	61.8	61.9	61.8	61.6	61.7	61.7	61.7	61.6
74.5°	59.3	59.1	59.1	59.3	59.3	59.3	59.1	59.1	59.3	59.1	59.1
75°	56.8	56.6	56.5	56.7	56.9	56.7	56.5	56.6	56.8	56.6	56.5
75.5°	54.2	54.2	54.0	54.3	54.3	54.3	54.0	54.2	54.2	54.2	54.0
76°	51.7	51.7	51.7	51.8	52.0	51.8	51.7	51.7	51.7	51.7	51.7
76.5°	49.2	49.2	49.2	49.4	49.5	49.4	49.2	49.2	49.2	49.2	49.2
77°	46.7	46.7	46.7	47.0	47.0	47.0	46.7	46.7	46.7	46.7	46.7
77.5°	44.4	44.2	44.3	44.6	44.6	44.6	44.3	44.2	44.4	44.2	44.3
78°	42.0	41.9	42.0	42.3	42.4	42.3	42.0	41.9	42.0	41.9	42.0
78.5°	39.6	39.5	39.6	39.8	40.0	39.8	39.6	39.5	39.6	39.5	39.6
79°	37.2	37.1	37.3	37.5	37.6	37.5	37.3	37.1	37.2	37.1	37.3
79.5°	34.8	34.8	35.0	35.1	35.2	35.1	35.0	34.8	34.8	34.8	35.0
80°	32.6	32.5	32.6	32.8	32.9	32.8	32.6	32.5	32.6	32.5	32.6
80.5°	30.3	30.3	30.4	30.6	30.6	30.6	30.4	30.3	30.3	30.3	30.4
81°	28.1	28.1	28.2	28.4	28.4	28.4	28.2	28.1	28.1	28.1	28.2
81.5°	25.9	25.8	25.9	26.2	26.3	26.2	25.9	25.8	25.9	25.8	25.9
82°	23.5	23.7	23.8	24.1	24.3	24.1	23.8	23.7	23.5	23.7	23.8
82.5°	21.4	21.5	21.8	22.2	22.2	22.2	21.8	21.5	21.4	21.5	21.8
83°	19.3	19.5	19.8	20.2	20.4	20.2	19.8	19.5	19.3	19.5	19.8
83.5°	17.2	17.5	17.9	18.3	18.5	18.3	17.9	17.5	17.2	17.5	17.9
84°	15.4	15.6	16.1	16.5	16.7	16.5	16.1	15.6	15.4	15.6	16.1
84.5°	13.9	13.7	14.2	14.7	15.0	14.7	14.2	13.7	13.9	13.7	14.2
85°	12.0	12.1	12.5	13.0	13.3	13.0	12.5	12.1	12.0	12.1	12.5
85.5°	10.3	10.5	10.8	11.4	11.8	11.4	10.8	10.5	10.3	10.5	10.8
86°	8.7	8.9	9.4	9.9	10.4	9.9	9.4	8.9	8.7	8.9	9.4
86.5°	7.4	7.5	8.0	8.6	9.0	8.6	8.0	7.5	7.4	7.5	8.0
87°	5.9	6.2	6.8	7.4	7.9	7.4	6.8	6.2	5.9	6.2	6.8
87.5°	4.8	5.1	5.6	6.3	6.8	6.3	5.6	5.1	4.8	5.1	5.6
88°	3.8	4.0	4.6	5.3	5.9	5.3	4.6	4.0	3.8	4.0	4.6
88.5°	2.9	3.1	3.7	4.5	5.0	4.5	3.7	3.1	2.9	3.1	3.7



TEST NUMBER: P938632
CATALOG NUMBER: SMX6RLSFSD2W-750LM-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: P938632

CATALOG NUMBER: SMX6RLSFSD2W-750LM-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	283.1	283.1	283.1	283.1	283.1	283.1
0.5°	283.2	283.1	283.2	282.4	282.9	283.9
1°	282.9	282.9	282.9	282.5	282.8	283.9
1.5°	283.1	282.8	283.1	282.8	282.9	283.5
2°	283.0	282.4	283.0	282.5	283.0	283.5
2.5°	283.1	282.8	283.1	282.2	282.6	283.0
3°	282.8	282.8	282.8	282.3	282.6	283.0
3.5°	282.5	282.6	282.5	282.0	282.4	283.2
4°	282.2	282.5	282.2	281.8	282.3	282.5
4.5°	282.0	282.2	282.0	281.7	281.9	282.2
5°	281.9	282.2	281.9	281.1	281.7	282.4
5.5°	281.7	282.0	281.7	280.9	281.4	282.3
6°	281.3	281.6	281.3	280.6	281.1	282.2
6.5°	280.7	281.5	280.7	280.3	280.9	281.4
7°	280.6	280.9	280.6	280.0	280.9	281.0
7.5°	280.1	280.3	280.1	279.8	280.6	280.5
8°	279.7	280.1	279.7	279.7	280.1	280.4
8.5°	279.4	280.0	279.4	279.2	279.6	280.0
9°	278.9	279.4	278.9	278.8	279.2	279.7
9.5°	278.5	278.9	278.5	277.9	278.8	279.2
10°	278.4	278.7	278.4	277.8	278.4	278.9
10.5°	277.6	278.1	277.6	277.0	277.8	277.5
11°	277.3	277.6	277.3	276.6	277.2	277.4
11.5°	276.6	277.2	276.6	276.2	277.0	276.8
12°	276.3	276.0	276.3	275.6	276.3	276.3
12.5°	275.3	275.5	275.3	274.7	275.9	275.6
13°	275.0	275.1	275.0	274.4	275.1	275.4
13.5°	274.5	274.5	274.5	273.8	274.8	274.8
14°	273.6	273.8	273.6	272.7	273.6	274.5
14.5°	273.1	273.2	273.1	272.3	273.2	273.6
15°	272.7	272.6	272.7	271.8	272.1	272.9
15.5°	271.9	271.3	271.9	271.0	271.3	272.3
16°	271.0	270.5	271.0	270.2	270.6	271.2
16.5°	270.1	269.6	270.1	269.6	269.9	270.7
17°	269.1	269.1	269.1	269.0	269.2	270.0
17.5°	268.5	268.5	268.5	268.3	268.4	268.8
18°	267.7	268.1	267.7	267.4	267.8	268.2
18.5°	266.8	267.2	266.8	266.1	266.7	267.9
19°	266.0	265.8	266.0	265.5	266.2	266.6
19.5°	265.3	265.0	265.3	264.7	265.0	265.4
20°	264.1	264.0	264.1	263.9	264.0	264.8
20.5°	263.2	263.1	263.2	262.9	263.0	264.3
21°	262.3	262.7	262.3	261.9	262.1	262.8



TEST NUMBER: P938632

CATALOG NUMBER: SMX6RLSFSD2W-750LM-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	259.7	259.5	259.7	259.0	259.6	260.0
23°	258.4	258.1	258.4	258.1	258.1	259.0
23.5°	257.3	257.2	257.3	256.8	257.3	258.0
24°	256.2	256.1	256.2	255.9	256.4	257.2
24.5°	255.0	255.4	255.0	254.5	255.5	255.9
25°	253.7	254.2	253.7	253.4	254.0	254.8
25.5°	252.7	252.7	252.7	252.3	253.1	253.9
26°	251.5	251.5	251.5	251.2	251.7	252.1
26.5°	250.3	250.2	250.3	250.4	250.8	251.1
27°	249.0	249.1	249.0	248.4	249.2	250.1
27.5°	248.2	247.9	248.2	247.4	247.7	248.6
28°	247.1	246.8	247.1	246.3	247.0	247.6
28.5°	245.4	245.2	245.4	245.3	245.8	245.9
29°	244.3	244.5	244.3	244.0	244.6	244.8
29.5°	243.3	243.4	243.3	242.7	243.2	243.2
30°	242.0	241.9	242.0	241.1	242.1	242.2
30.5°	240.7	240.2	240.7	239.6	240.5	240.9
31°	239.1	239.1	239.1	238.3	239.2	239.6
31.5°	237.8	237.9	237.8	237.0	237.7	238.3
32°	236.1	236.1	236.1	235.8	236.3	236.8
32.5°	234.7	234.6	234.7	234.4	235.1	235.3
33°	233.3	233.2	233.3	233.2	233.6	233.8
33.5°	231.8	232.2	231.8	232.0	232.1	232.1
34°	230.4	230.9	230.4	230.4	230.4	231.0
34.5°	229.2	229.1	229.2	228.7	228.9	229.8
35°	227.5	227.3	227.5	227.2	227.2	228.2
35.5°	225.7	226.3	225.7	225.5	225.7	226.6
36°	224.1	224.1	224.1	224.0	224.5	225.0
36.5°	222.8	222.4	222.8	222.4	222.6	223.2
37°	221.2	221.0	221.2	220.7	221.1	221.6
37.5°	219.3	219.9	219.3	219.6	219.6	220.1
38°	217.7	218.1	217.7	217.8	217.8	218.8
38.5°	216.4	216.4	216.4	216.1	216.6	216.9
39°	214.6	214.3	214.6	214.5	214.8	215.0
39.5°	212.9	213.2	212.9	212.9	213.2	213.1
40°	211.2	211.3	211.2	211.2	211.4	212.1
40.5°	209.3	209.6	209.3	209.6	209.6	210.0
41°	207.7	207.4	207.7	207.8	207.9	208.2
41.5°	205.9	206.2	205.9	206.1	206.2	206.7
42°	204.1	204.1	204.1	204.4	204.5	204.9
42.5°	202.5	202.6	202.5	202.6	202.6	202.9
43°	200.7	200.7	200.7	200.7	200.5	201.1
43.5°	199.0	198.7	199.0	198.8	198.6	199.0



TEST NUMBER: P938632

CATALOG NUMBER: SMX6RLSFSD2W-750LM-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	193.3	193.8	193.3	193.0	193.5	193.9
45.5°	191.6	191.7	191.6	191.1	191.6	192.3
46°	189.7	189.8	189.7	189.3	189.8	190.2
46.5°	187.9	187.7	187.9	187.6	187.9	188.2
47°	185.8	185.5	185.8	185.7	185.8	186.2
47.5°	183.6	183.8	183.6	183.6	183.9	184.3
48°	182.1	182.2	182.1	181.6	182.1	182.2
48.5°	180.0	180.0	180.0	179.9	180.1	180.3
49°	178.1	177.8	178.1	177.5	178.1	178.5
49.5°	176.2	175.7	176.2	175.3	176.1	176.5
50°	174.1	174.0	174.1	173.5	174.1	174.6
50.5°	171.9	172.0	171.9	171.6	172.1	172.4
51°	169.8	170.2	169.8	169.6	169.9	170.2
51.5°	167.7	167.9	167.7	167.4	167.8	168.4
52°	165.6	165.8	165.6	165.3	165.6	166.2
52.5°	163.7	164.0	163.7	163.4	163.6	164.0
53°	161.6	162.1	161.6	161.3	161.5	161.8
53.5°	159.5	159.7	159.5	159.4	159.3	159.6
54°	157.3	157.5	157.3	157.3	157.2	157.7
54.5°	155.1	155.2	155.1	155.1	155.1	155.6
55°	152.9	153.0	152.9	152.8	153.0	153.4
55.5°	150.5	150.9	150.5	150.6	150.7	151.3
56°	148.4	148.8	148.4	148.3	148.6	149.0
56.5°	146.2	146.7	146.2	146.1	146.4	147.0
57°	144.1	144.1	144.1	143.9	144.1	144.5
57.5°	142.0	141.9	142.0	141.6	141.7	142.3
58°	139.8	139.8	139.8	139.4	139.7	140.1
58.5°	137.6	137.6	137.6	137.2	137.4	138.0
59°	135.3	135.3	135.3	135.0	135.2	135.7
59.5°	132.9	133.1	132.9	132.7	132.8	133.4
60°	130.5	130.9	130.5	130.3	130.6	131.0
60.5°	128.1	128.7	128.1	127.9	128.3	128.4
61°	125.7	126.3	125.7	125.7	126.0	126.1
61.5°	123.4	123.8	123.4	123.3	123.5	123.8
62°	121.0	121.4	121.0	120.9	121.3	121.5
62.5°	118.7	118.8	118.7	118.5	118.8	119.1
63°	116.5	116.3	116.5	116.1	116.4	116.8
63.5°	114.0	114.0	114.0	113.7	113.9	114.3
64°	111.7	111.7	111.7	111.4	111.7	111.5
64.5°	109.2	109.3	109.2	108.9	109.1	109.1
65°	106.8	106.8	106.8	106.6	106.5	106.8
65.5°	104.3	104.4	104.3	104.1	104.2	104.5
66°	101.8	101.9	101.8	101.6	101.9	102.1



TEST NUMBER: P938632

CATALOG NUMBER: SMX6RLSFSD2W-750LM-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	94.5	94.3	94.5	94.2	94.2	94.6
68°	91.9	91.9	91.9	91.7	91.9	92.1
68.5°	89.4	89.3	89.4	89.2	89.4	89.6
69°	86.7	86.9	86.7	86.7	86.9	86.9
69.5°	84.4	84.4	84.4	84.2	84.4	84.7
70°	81.8	81.9	81.8	81.7	82.0	82.3
70.5°	79.5	79.5	79.5	79.2	79.4	79.8
71°	76.9	76.9	76.9	76.6	76.9	77.2
71.5°	74.4	74.4	74.4	74.2	74.3	74.5
72°	72.0	71.8	72.0	71.8	71.7	72.1
72.5°	69.4	69.4	69.4	69.2	69.2	69.4
73°	66.9	66.9	66.9	66.6	66.6	66.8
73.5°	64.4	64.3	64.4	64.1	64.3	64.1
74°	61.8	61.9	61.8	61.6	61.7	61.7
74.5°	59.3	59.3	59.3	59.1	59.1	59.3
75°	56.7	56.9	56.7	56.5	56.6	56.8
75.5°	54.3	54.3	54.3	54.0	54.2	54.2
76°	51.8	52.0	51.8	51.7	51.7	51.7
76.5°	49.4	49.5	49.4	49.2	49.2	49.2
77°	47.0	47.0	47.0	46.7	46.7	46.7
77.5°	44.6	44.6	44.6	44.3	44.2	44.4
78°	42.3	42.4	42.3	42.0	41.9	42.0
78.5°	39.8	40.0	39.8	39.6	39.5	39.6
79°	37.5	37.6	37.5	37.3	37.1	37.2
79.5°	35.1	35.2	35.1	35.0	34.8	34.8
80°	32.8	32.9	32.8	32.6	32.5	32.6
80.5°	30.6	30.6	30.6	30.4	30.3	30.3
81°	28.4	28.4	28.4	28.2	28.1	28.1
81.5°	26.2	26.3	26.2	25.9	25.8	25.9
82°	24.1	24.3	24.1	23.8	23.7	23.5
82.5°	22.2	22.2	22.2	21.8	21.5	21.4
83°	20.2	20.4	20.2	19.8	19.5	19.3
83.5°	18.3	18.5	18.3	17.9	17.5	17.2
84°	16.5	16.7	16.5	16.1	15.6	15.4
84.5°	14.7	15.0	14.7	14.2	13.7	13.9
85°	13.0	13.3	13.0	12.5	12.1	12.0
85.5°	11.4	11.8	11.4	10.8	10.5	10.3
86°	9.9	10.4	9.9	9.4	8.9	8.7
86.5°	8.6	9.0	8.6	8.0	7.5	7.4
87°	7.4	7.9	7.4	6.8	6.2	5.9
87.5°	6.3	6.8	6.3	5.6	5.1	4.8
88°	5.3	5.9	5.3	4.6	4.0	3.8
88.5°	4.5	5.0	4.5	3.7	3.1	2.9



TEST NUMBER: P938632
CATALOG NUMBER: SMX6RLSFSD2W-750LM-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



Report Generated By 670245859 / DESKTOP-T8S5UU9





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







21.5°	262.3	261.4	260.9	261.6	261.1	261.6	260.9	261.4	262.3	261.4	260.9
22°	261.4	260.3	260.2	260.5	259.9	260.5	260.2	260.3	261.4	260.3	260.2



44°	197.3	197.0	197.0	197.1	197.3	197.1	197.0	197.0	197.3	197.0	197.0
44.5°	195.5	195.3	195.1	195.2	195.7	195.2	195.1	195.3	195.5	195.3	195.1



66.5°	99.6	99.4	99.1	99.3	99.4	99.3	99.1	99.4	99.6	99.4	99.1
67°	97.1	96.8	96.7	96.8	96.8	96.8	96.7	96.8	97.1	96.8	96.7



89°	2.1	2.4	3.0	3.7	4.2	3.7	3.0	2.4	2.1	2.4	3.0
89.5°	1.5	1.8	2.3	3.0	3.5	3.0	2.3	1.8	1.5	1.8	2.3





21.5°	261.6	261.1	261.6	260.9	261.4	262.3
22°	260.5	259.9	260.5	260.2	260.3	261.4



44°	197.1	197.3	197.1	197.0	197.0	197.3
44.5°	195.2	195.7	195.2	195.1	195.3	195.5



66.5°	99.3	99.4	99.3	99.1	99.4	99.6
67°	96.8	96.8	96.8	96.7	96.8	97.1



89°	3.7	4.2	3.7	3.0	2.4	2.1
89.5°	3.0	3.5	3.0	2.3	1.8	1.5



(END OF REPORT)