

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: P938634

Luminaire Tested: SMX6RLSFSD2W-750LM-4000K

Issue Date: 1/9/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P938634  
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-750LM-4000K  
Description: 6IN ROUND, 90CRI, DIMMING TO 10%, DAMP LOCATION  
Light Source: SELECTABLE CCT 90CRI / 4000K CCT  
Ballast/Driver: -

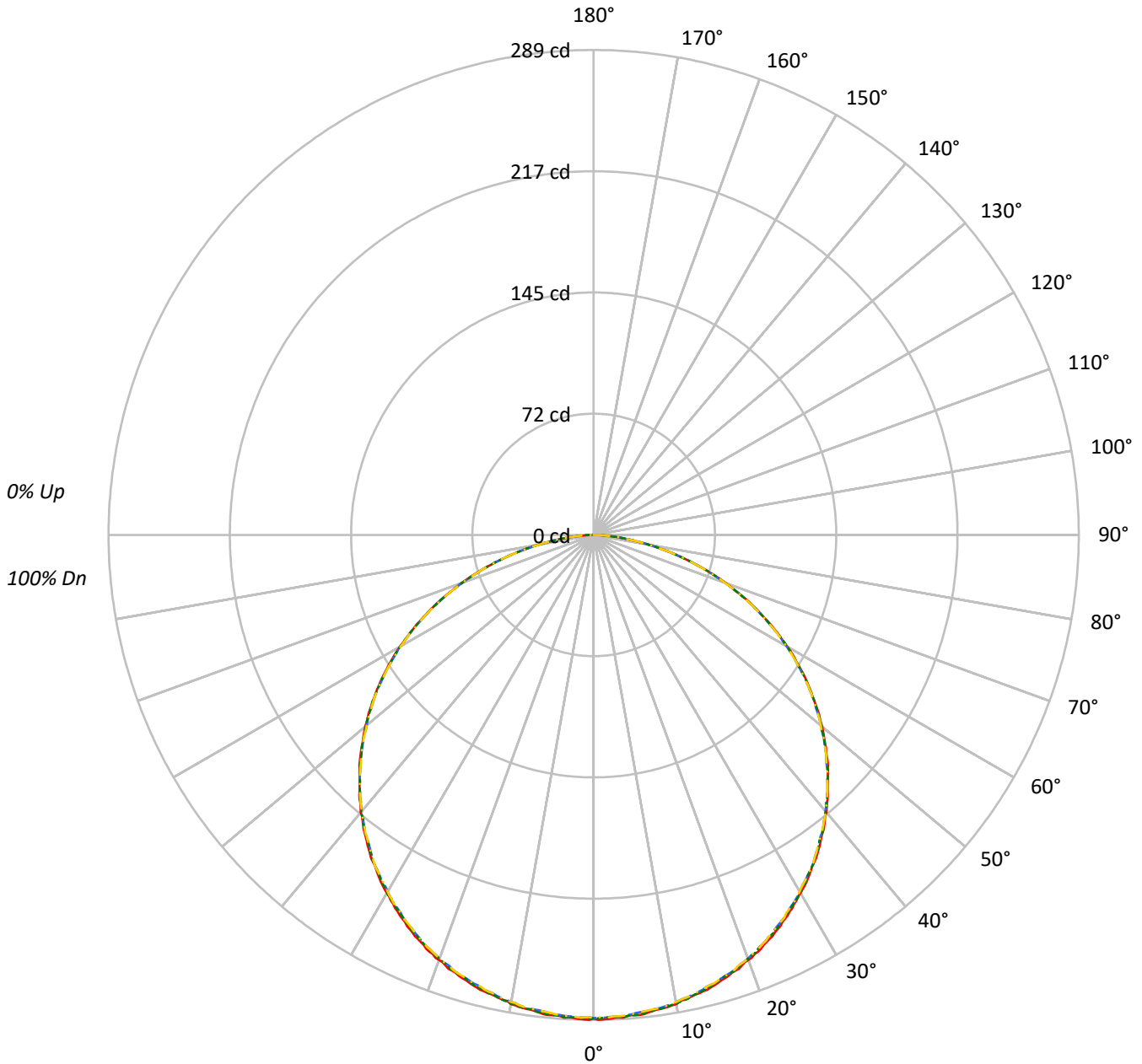
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 844.3 lumens  
Efficiency: N/A  
Efficacy: 105.5 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): 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: SMX6RLSFS2W-750LM-4000K

### Luminous Intensity Polar Plot





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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

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

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°	270°
0°	15794	15794	15794	15794
5°	15815	15804	15815	15804
10°	15804	15787	15804	15787
15°	15766	15749	15766	15749
20°	15722	15676	15722	15676
25°	15684	15648	15684	15648
30°	15604	15585	15604	15585
35°	15546	15486	15546	15486
40°	15450	15393	15450	15393
45°	15296	15296	15296	15296
50°	15155	15104	15155	15104
55°	14929	14891	14929	14891
60°	14626	14604	14626	14604
65°	14100	14100	14100	14100
70°	13416	13368	13416	13368
75°	12243	12264	12243	12264
80°	10481	10576	10481	10576
85°	7674	8554	7674	8554

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 90°  
 Vertical Angle: 89.5°  
 Luminance: 22615 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	27.3	3.2
10°-20°	78.2	9.3
20°-30°	119.2	14.1
30°-40°	144.8	17.2
40°-50°	151.8	18.0
50°-60°	139.1	16.5
60°-70°	107.3	12.7
70°-80°	61.1	7.2
80°-90°	15.6	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°	224.6	26.6
0°-40°	369.5	43.8
0°-60°	660.3	78.2
0°-90°	844.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	844.3	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	288	288	288	288	288	
5°	287	287	287	287	287	27
15°	278	278	278	278	278	78
25°	259	259	259	259	259	119
35°	232	231	232	231	232	145
45°	197	197	197	197	197	152
55°	156	156	156	156	156	139
65°	109	109	109	109	109	108
75°	58	58	58	58	58	61
85°	12	14	12	14	12	15
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°	288.1	288.1	288.1	288.1	288.1	288.1	288.1	288.1	288.1	288.1	288.1
0.5°	289.0	288.0	287.4	288.2	288.1	288.2	287.4	288.0	289.0	288.0	287.4
1°	288.9	287.8	287.5	287.9	287.9	287.9	287.5	287.8	288.9	287.8	287.5
1.5°	288.6	287.9	287.8	288.1	287.8	288.1	287.8	287.9	288.6	287.9	287.8
2°	288.5	288.0	287.5	288.0	287.4	288.0	287.5	288.0	288.5	288.0	287.5
2.5°	288.0	287.7	287.2	288.1	287.8	288.1	287.2	287.7	288.0	287.7	287.2
3°	288.0	287.6	287.3	287.8	287.8	287.8	287.3	287.6	288.0	287.6	287.3
3.5°	288.2	287.4	287.1	287.5	287.7	287.5	287.1	287.4	288.2	287.4	287.1
4°	287.5	287.4	286.8	287.2	287.5	287.2	286.8	287.4	287.5	287.4	286.8
4.5°	287.2	286.9	286.7	287.1	287.2	287.1	286.7	286.9	287.2	286.9	286.7
5°	287.4	286.7	286.1	286.9	287.2	286.9	286.1	286.7	287.4	286.7	286.1
5.5°	287.4	286.4	285.8	286.7	287.1	286.7	285.8	286.4	287.4	286.4	285.8
6°	287.2	286.1	285.6	286.3	286.6	286.3	285.6	286.1	287.2	286.1	285.6
6.5°	286.4	285.9	285.2	285.7	286.5	285.7	285.2	285.9	286.4	285.9	285.2
7°	286.0	285.8	285.0	285.5	285.9	285.5	285.0	285.8	286.0	285.8	285.0
7.5°	285.5	285.5	284.8	285.1	285.2	285.1	284.8	285.5	285.5	285.5	284.8
8°	285.4	285.1	284.6	284.6	285.1	284.6	284.6	285.1	285.4	285.1	284.6
8.5°	285.0	284.6	284.2	284.4	285.0	284.4	284.2	284.6	285.0	284.6	284.2
9°	284.7	284.2	283.8	283.9	284.4	283.9	283.8	284.2	284.7	284.2	283.8
9.5°	284.2	283.7	282.9	283.5	283.9	283.5	282.9	283.7	284.2	283.7	282.9
10°	283.9	283.4	282.7	283.3	283.6	283.3	282.7	283.4	283.9	283.4	282.7
10.5°	282.5	282.7	281.9	282.6	283.0	282.6	281.9	282.7	282.5	282.7	281.9
11°	282.3	282.1	281.5	282.2	282.5	282.2	281.5	282.1	282.3	282.1	281.5
11.5°	281.7	282.0	281.1	281.6	282.1	281.6	281.1	282.0	281.7	282.0	281.1
12°	281.2	281.2	280.5	281.2	280.9	281.2	280.5	281.2	281.2	281.2	280.5
12.5°	280.5	280.8	279.6	280.2	280.4	280.2	279.6	280.8	280.5	280.8	279.6
13°	280.3	280.0	279.3	279.9	280.0	279.9	279.3	280.0	280.3	280.0	279.3
13.5°	279.7	279.7	278.7	279.4	279.4	279.4	278.7	279.7	279.7	279.7	278.7
14°	279.4	278.5	277.6	278.5	278.6	278.5	277.6	278.5	279.4	278.5	277.6
14.5°	278.5	278.1	277.1	278.0	278.0	278.0	277.1	278.1	278.5	278.1	277.1
15°	277.8	277.0	276.7	277.6	277.5	277.6	276.7	277.0	277.8	277.0	276.7
15.5°	277.1	276.2	275.9	276.7	276.2	276.7	275.9	276.2	277.1	276.2	275.9
16°	276.0	275.4	275.0	275.8	275.3	275.8	275.0	275.4	276.0	275.4	275.0
16.5°	275.6	274.7	274.4	274.9	274.4	274.9	274.4	274.7	275.6	274.7	274.4
17°	274.8	274.0	273.7	273.9	273.9	273.9	273.7	274.0	274.8	274.0	273.7
17.5°	273.6	273.2	273.1	273.3	273.3	273.3	273.1	273.2	273.6	273.2	273.1
18°	273.0	272.5	272.2	272.4	272.9	272.4	272.2	272.5	273.0	272.5	272.2
18.5°	272.7	271.4	270.8	271.5	272.0	271.5	270.8	271.4	272.7	271.4	270.8
19°	271.3	271.0	270.2	270.8	270.5	270.8	270.2	271.0	271.3	271.0	270.2
19.5°	270.1	269.8	269.5	270.1	269.7	270.1	269.5	269.8	270.1	269.8	269.5
20°	269.5	268.7	268.6	268.8	268.7	268.8	268.6	268.7	269.5	268.7	268.6
20.5°	269.0	267.7	267.6	267.9	267.8	267.9	267.6	267.7	269.0	267.7	267.6
21°	267.5	266.7	266.6	267.0	267.3	267.0	266.6	266.7	267.5	266.7	266.6



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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°	264.6	264.2	263.6	264.4	264.1	264.4	263.6	264.2	264.6	264.2	263.6
23°	263.6	262.7	262.7	263.0	262.7	263.0	262.7	262.7	263.6	262.7	262.7
23.5°	262.6	261.9	261.3	261.9	261.8	261.9	261.3	261.9	262.6	261.9	261.3
24°	261.8	260.9	260.4	260.8	260.7	260.8	260.4	260.9	261.8	260.9	260.4
24.5°	260.4	260.1	259.0	259.5	260.0	259.5	259.0	260.1	260.4	260.1	259.0
25°	259.3	258.6	257.9	258.2	258.7	258.2	257.9	258.6	259.3	258.6	257.9
25.5°	258.4	257.7	256.8	257.2	257.2	257.2	256.8	257.7	258.4	257.7	256.8
26°	256.6	256.2	255.7	256.0	256.0	256.0	255.7	256.2	256.6	256.2	255.7
26.5°	255.6	255.2	254.8	254.7	254.6	254.7	254.8	255.2	255.6	255.2	254.8
27°	254.5	253.7	252.9	253.5	253.5	253.5	252.9	253.7	254.5	253.7	252.9
27.5°	253.0	252.1	251.8	252.6	252.3	252.6	251.8	252.1	253.0	252.1	251.8
28°	252.0	251.4	250.6	251.5	251.2	251.5	250.6	251.4	252.0	251.4	250.6
28.5°	250.3	250.2	249.7	249.8	249.6	249.8	249.7	250.2	250.3	250.2	249.7
29°	249.2	249.0	248.3	248.7	248.8	248.7	248.3	249.0	249.2	249.0	248.3
29.5°	247.5	247.5	247.0	247.6	247.7	247.6	247.0	247.5	247.5	247.5	247.0
30°	246.5	246.5	245.4	246.3	246.2	246.3	245.4	246.5	246.5	246.5	245.4
30.5°	245.2	244.8	243.9	245.0	244.5	245.0	243.9	244.8	245.2	244.8	243.9
31°	243.9	243.4	242.6	243.3	243.4	243.3	242.6	243.4	243.9	243.4	242.6
31.5°	242.6	241.9	241.3	242.0	242.1	242.0	241.3	241.9	242.6	241.9	241.3
32°	241.0	240.5	240.0	240.3	240.3	240.3	240.0	240.5	241.0	240.5	240.0
32.5°	239.5	239.3	238.6	238.9	238.8	238.9	238.6	239.3	239.5	239.3	238.6
33°	237.9	237.8	237.4	237.5	237.3	237.5	237.4	237.8	237.9	237.8	237.4
33.5°	236.2	236.2	236.2	235.9	236.3	235.9	236.2	236.2	236.2	236.2	236.2
34°	235.1	234.5	234.5	234.5	235.0	234.5	234.5	234.5	235.1	234.5	234.5
34.5°	233.9	233.0	232.7	233.3	233.1	233.3	232.7	233.0	233.9	233.0	232.7
35°	232.3	231.3	231.3	231.6	231.4	231.6	231.3	231.3	232.3	231.3	231.3
35.5°	230.6	229.8	229.5	229.8	230.4	229.8	229.5	229.8	230.6	229.8	229.5
36°	229.0	228.5	228.0	228.1	228.1	228.1	228.0	228.5	229.0	228.5	228.0
36.5°	227.2	226.6	226.3	226.8	226.3	226.8	226.3	226.6	227.2	226.6	226.3
37°	225.5	225.0	224.7	225.1	225.0	225.1	224.7	225.0	225.5	225.0	224.7
37.5°	224.0	223.5	223.5	223.2	223.8	223.2	223.5	223.5	224.0	223.5	223.5
38°	222.7	221.7	221.6	221.5	222.0	221.5	221.6	221.7	222.7	221.7	221.6
38.5°	220.8	220.5	220.0	220.3	220.3	220.3	220.0	220.5	220.8	220.5	220.0
39°	218.9	218.6	218.3	218.4	218.1	218.4	218.3	218.6	218.9	218.6	218.3
39.5°	216.9	217.0	216.7	216.7	217.0	216.7	216.7	217.0	216.9	217.0	216.7
40°	215.9	215.1	214.9	215.0	215.1	215.0	214.9	215.1	215.9	215.1	214.9
40.5°	213.7	213.3	213.3	213.1	213.3	213.1	213.3	213.3	213.7	213.3	213.3
41°	211.9	211.6	211.5	211.4	211.1	211.4	211.5	211.6	211.9	211.6	211.5
41.5°	210.4	209.8	209.8	209.6	209.9	209.6	209.8	209.8	210.4	209.8	209.8
42°	208.6	208.1	208.0	207.7	207.7	207.7	208.0	208.1	208.6	208.1	208.0
42.5°	206.5	206.2	206.2	206.1	206.2	206.1	206.2	206.2	206.5	206.2	206.2
43°	204.6	204.1	204.2	204.3	204.2	204.3	204.2	204.1	204.6	204.1	204.2
43.5°	202.6	202.1	202.3	202.5	202.2	202.5	202.3	202.1	202.6	202.1	202.3



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	197.3	197.0	196.5	196.7	197.3	196.7	196.5	197.0	197.3	197.0	196.5
45.5°	195.7	195.0	194.5	195.0	195.1	195.0	194.5	195.0	195.7	195.0	194.5
46°	193.6	193.1	192.7	193.0	193.1	193.0	192.7	193.1	193.6	193.1	192.7
46.5°	191.5	191.2	191.0	191.2	191.0	191.2	191.0	191.2	191.5	191.2	191.0
47°	189.5	189.1	189.0	189.1	188.9	189.1	189.0	189.1	189.5	189.1	189.0
47.5°	187.6	187.2	186.9	186.9	187.1	186.9	186.9	187.2	187.6	187.2	186.9
48°	185.4	185.3	184.9	185.3	185.4	185.3	184.9	185.3	185.4	185.3	184.9
48.5°	183.5	183.3	183.1	183.2	183.2	183.2	183.1	183.3	183.5	183.3	183.1
49°	181.7	181.2	180.7	181.2	181.0	181.2	180.7	181.2	181.7	181.2	180.7
49.5°	179.7	179.2	178.4	179.3	178.9	179.3	178.4	179.2	179.7	179.2	178.4
50°	177.7	177.2	176.6	177.2	177.1	177.2	176.6	177.2	177.7	177.2	176.6
50.5°	175.4	175.1	174.7	174.9	175.1	174.9	174.7	175.1	175.4	175.1	174.7
51°	173.2	172.9	172.6	172.8	173.2	172.8	172.6	172.9	173.2	172.9	172.6
51.5°	171.4	170.8	170.4	170.7	170.9	170.7	170.4	170.8	171.4	170.8	170.4
52°	169.2	168.6	168.3	168.6	168.7	168.6	168.3	168.6	169.2	168.6	168.3
52.5°	166.9	166.5	166.3	166.6	166.9	166.6	166.3	166.5	166.9	166.5	166.3
53°	164.7	164.3	164.2	164.5	164.9	164.5	164.2	164.3	164.7	164.3	164.2
53.5°	162.4	162.2	162.2	162.3	162.6	162.3	162.2	162.2	162.4	162.2	162.2
54°	160.5	160.0	160.1	160.1	160.3	160.1	160.1	160.0	160.5	160.0	160.1
54.5°	158.4	157.9	157.8	157.9	158.0	157.9	157.8	157.9	158.4	157.9	157.8
55°	156.2	155.8	155.5	155.6	155.8	155.6	155.5	155.8	156.2	155.8	155.5
55.5°	154.0	153.4	153.3	153.2	153.6	153.2	153.3	153.4	154.0	153.4	153.3
56°	151.7	151.2	151.0	151.0	151.5	151.0	151.0	151.2	151.7	151.2	151.0
56.5°	149.6	149.0	148.7	148.8	149.3	148.8	148.7	149.0	149.6	149.0	148.7
57°	147.1	146.6	146.5	146.7	146.7	146.7	146.5	146.6	147.1	146.6	146.5
57.5°	144.9	144.3	144.1	144.5	144.4	144.5	144.1	144.3	144.9	144.3	144.1
58°	142.6	142.1	141.9	142.3	142.3	142.3	141.9	142.1	142.6	142.1	141.9
58.5°	140.4	139.8	139.7	140.1	140.1	140.1	139.7	139.8	140.4	139.8	139.7
59°	138.1	137.6	137.4	137.7	137.7	137.7	137.4	137.6	138.1	137.6	137.4
59.5°	135.7	135.2	135.1	135.2	135.5	135.2	135.1	135.2	135.7	135.2	135.1
60°	133.4	132.9	132.6	132.8	133.2	132.8	132.6	132.9	133.4	132.9	132.6
60.5°	130.7	130.6	130.2	130.4	130.9	130.4	130.2	130.6	130.7	130.6	130.2
61°	128.3	128.2	127.9	127.9	128.6	127.9	127.9	128.2	128.3	128.2	127.9
61.5°	126.0	125.7	125.5	125.6	126.0	125.6	125.5	125.7	126.0	125.7	125.5
62°	123.7	123.4	123.1	123.1	123.6	123.1	123.1	123.4	123.7	123.4	123.1
62.5°	121.2	120.9	120.7	120.8	120.9	120.8	120.7	120.9	121.2	120.9	120.7
63°	118.8	118.5	118.2	118.5	118.4	118.5	118.2	118.5	118.8	118.5	118.2
63.5°	116.3	115.9	115.7	116.1	116.1	116.1	115.7	115.9	116.3	115.9	115.7
64°	113.5	113.6	113.4	113.7	113.7	113.7	113.4	113.6	113.5	113.6	113.4
64.5°	111.0	111.0	110.9	111.2	111.2	111.2	110.9	111.0	111.0	111.0	110.9
65°	108.7	108.4	108.5	108.7	108.7	108.7	108.5	108.4	108.7	108.4	108.5
65.5°	106.4	106.0	106.0	106.1	106.3	106.1	106.0	106.0	106.4	106.0	106.0
66°	104.0	103.7	103.4	103.6	103.7	103.6	103.4	103.7	104.0	103.7	103.4





TEST NUMBER: P938634  
 CATALOG NUMBER: SMX6RLSFSD2W-750LM-4000K

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	96.3	95.9	95.8	96.2	96.0	96.2	95.8	95.9	96.3	95.9	95.8
68°	93.7	93.5	93.4	93.5	93.5	93.5	93.4	93.5	93.7	93.5	93.4
68.5°	91.2	91.0	90.8	91.0	90.9	91.0	90.8	91.0	91.2	91.0	90.8
69°	88.5	88.5	88.3	88.3	88.5	88.3	88.3	88.5	88.5	88.5	88.3
69.5°	86.2	85.9	85.7	85.9	85.9	85.9	85.7	85.9	86.2	85.9	85.7
70°	83.7	83.4	83.1	83.3	83.4	83.3	83.1	83.4	83.7	83.4	83.1
70.5°	81.3	80.8	80.6	80.9	80.9	80.9	80.6	80.8	81.3	80.8	80.6
71°	78.6	78.2	78.0	78.2	78.2	78.2	78.0	78.2	78.6	78.2	78.0
71.5°	75.8	75.6	75.5	75.8	75.7	75.8	75.5	75.6	75.8	75.6	75.5
72°	73.3	73.0	73.0	73.3	73.1	73.3	73.0	73.0	73.3	73.0	73.0
72.5°	70.7	70.4	70.4	70.7	70.7	70.7	70.4	70.4	70.7	70.4	70.4
73°	68.0	67.8	67.8	68.1	68.1	68.1	67.8	67.8	68.0	67.8	67.8
73.5°	65.3	65.4	65.2	65.5	65.4	65.5	65.2	65.4	65.3	65.4	65.2
74°	62.7	62.8	62.7	62.9	63.0	62.9	62.7	62.8	62.7	62.8	62.7
74.5°	60.4	60.1	60.1	60.4	60.4	60.4	60.1	60.1	60.4	60.1	60.1
75°	57.8	57.6	57.5	57.7	57.9	57.7	57.5	57.6	57.8	57.6	57.5
75.5°	55.2	55.1	55.0	55.3	55.2	55.3	55.0	55.1	55.2	55.1	55.0
76°	52.6	52.6	52.6	52.7	52.9	52.7	52.6	52.6	52.6	52.6	52.6
76.5°	50.0	50.0	50.0	50.3	50.3	50.3	50.0	50.0	50.0	50.0	50.0
77°	47.6	47.5	47.6	47.8	47.9	47.8	47.6	47.5	47.6	47.5	47.6
77.5°	45.1	45.0	45.1	45.4	45.4	45.4	45.1	45.0	45.1	45.0	45.1
78°	42.7	42.6	42.7	43.0	43.2	43.0	42.7	42.6	42.7	42.6	42.7
78.5°	40.3	40.2	40.3	40.5	40.7	40.5	40.3	40.2	40.3	40.2	40.3
79°	37.9	37.8	37.9	38.2	38.2	38.2	37.9	37.8	37.9	37.8	37.9
79.5°	35.5	35.4	35.6	35.8	35.8	35.8	35.6	35.4	35.5	35.4	35.6
80°	33.2	33.1	33.2	33.4	33.5	33.4	33.2	33.1	33.2	33.1	33.2
80.5°	30.8	30.8	30.9	31.1	31.1	31.1	30.9	30.8	30.8	30.8	30.9
81°	28.6	28.6	28.7	28.9	28.9	28.9	28.7	28.6	28.6	28.6	28.7
81.5°	26.3	26.3	26.4	26.7	26.8	26.7	26.4	26.3	26.3	26.3	26.4
82°	24.0	24.1	24.3	24.6	24.7	24.6	24.3	24.1	24.0	24.1	24.3
82.5°	21.8	21.9	22.2	22.6	22.6	22.6	22.2	21.9	21.8	21.9	22.2
83°	19.7	19.8	20.1	20.6	20.8	20.6	20.1	19.8	19.7	19.8	20.1
83.5°	17.5	17.8	18.2	18.6	18.9	18.6	18.2	17.8	17.5	17.8	18.2
84°	15.7	15.9	16.3	16.8	17.0	16.8	16.3	15.9	15.7	15.9	16.3
84.5°	14.1	14.0	14.5	14.9	15.2	14.9	14.5	14.0	14.1	14.0	14.5
85°	12.2	12.3	12.7	13.2	13.6	13.2	12.7	12.3	12.2	12.3	12.7
85.5°	10.5	10.6	11.0	11.6	12.0	11.6	11.0	10.6	10.5	10.6	11.0
86°	8.9	9.1	9.6	10.1	10.6	10.1	9.6	9.1	8.9	9.1	9.6
86.5°	7.5	7.6	8.2	8.7	9.2	8.7	8.2	7.6	7.5	7.6	8.2
87°	6.1	6.3	6.9	7.6	8.0	7.6	6.9	6.3	6.1	6.3	6.9
87.5°	4.8	5.1	5.7	6.4	7.0	6.4	5.7	5.1	4.8	5.1	5.7
88°	3.9	4.1	4.7	5.4	6.0	5.4	4.7	4.1	3.9	4.1	4.7
88.5°	2.9	3.1	3.8	4.5	5.1	4.5	3.8	3.1	2.9	3.1	3.8



TEST NUMBER: P938634  
CATALOG NUMBER: SMX6RLSFSD2W-750LM-4000K

**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: P938634

CATALOG NUMBER: SMX6RLSFSD2W-750LM-4000K

**CANDELA DISTRIBUTION (continued):**

	247.5°	270°	292.5°	315°	337.5°	360°
0°	288.1	288.1	288.1	288.1	288.1	288.1
0.5°	288.2	288.1	288.2	287.4	288.0	289.0
1°	287.9	287.9	287.9	287.5	287.8	288.9
1.5°	288.1	287.8	288.1	287.8	287.9	288.6
2°	288.0	287.4	288.0	287.5	288.0	288.5
2.5°	288.1	287.8	288.1	287.2	287.7	288.0
3°	287.8	287.8	287.8	287.3	287.6	288.0
3.5°	287.5	287.7	287.5	287.1	287.4	288.2
4°	287.2	287.5	287.2	286.8	287.4	287.5
4.5°	287.1	287.2	287.1	286.7	286.9	287.2
5°	286.9	287.2	286.9	286.1	286.7	287.4
5.5°	286.7	287.1	286.7	285.8	286.4	287.4
6°	286.3	286.6	286.3	285.6	286.1	287.2
6.5°	285.7	286.5	285.7	285.2	285.9	286.4
7°	285.5	285.9	285.5	285.0	285.8	286.0
7.5°	285.1	285.2	285.1	284.8	285.5	285.5
8°	284.6	285.1	284.6	284.6	285.1	285.4
8.5°	284.4	285.0	284.4	284.2	284.6	285.0
9°	283.9	284.4	283.9	283.8	284.2	284.7
9.5°	283.5	283.9	283.5	282.9	283.7	284.2
10°	283.3	283.6	283.3	282.7	283.4	283.9
10.5°	282.6	283.0	282.6	281.9	282.7	282.5
11°	282.2	282.5	282.2	281.5	282.1	282.3
11.5°	281.6	282.1	281.6	281.1	282.0	281.7
12°	281.2	280.9	281.2	280.5	281.2	281.2
12.5°	280.2	280.4	280.2	279.6	280.8	280.5
13°	279.9	280.0	279.9	279.3	280.0	280.3
13.5°	279.4	279.4	279.4	278.7	279.7	279.7
14°	278.5	278.6	278.5	277.6	278.5	279.4
14.5°	278.0	278.0	278.0	277.1	278.1	278.5
15°	277.6	277.5	277.6	276.7	277.0	277.8
15.5°	276.7	276.2	276.7	275.9	276.2	277.1
16°	275.8	275.3	275.8	275.0	275.4	276.0
16.5°	274.9	274.4	274.9	274.4	274.7	275.6
17°	273.9	273.9	273.9	273.7	274.0	274.8
17.5°	273.3	273.3	273.3	273.1	273.2	273.6
18°	272.4	272.9	272.4	272.2	272.5	273.0
18.5°	271.5	272.0	271.5	270.8	271.4	272.7
19°	270.8	270.5	270.8	270.2	271.0	271.3
19.5°	270.1	269.7	270.1	269.5	269.8	270.1
20°	268.8	268.7	268.8	268.6	268.7	269.5
20.5°	267.9	267.8	267.9	267.6	267.7	269.0
21°	267.0	267.3	267.0	266.6	266.7	267.5



TEST NUMBER: P938634  
 CATALOG NUMBER: SMX6RLSFSD2W-750LM-4000K

**CANDELA DISTRIBUTION (continued):**

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	264.4	264.1	264.4	263.6	264.2	264.6
23°	263.0	262.7	263.0	262.7	262.7	263.6
23.5°	261.9	261.8	261.9	261.3	261.9	262.6
24°	260.8	260.7	260.8	260.4	260.9	261.8
24.5°	259.5	260.0	259.5	259.0	260.1	260.4
25°	258.2	258.7	258.2	257.9	258.6	259.3
25.5°	257.2	257.2	257.2	256.8	257.7	258.4
26°	256.0	256.0	256.0	255.7	256.2	256.6
26.5°	254.7	254.6	254.7	254.8	255.2	255.6
27°	253.5	253.5	253.5	252.9	253.7	254.5
27.5°	252.6	252.3	252.6	251.8	252.1	253.0
28°	251.5	251.2	251.5	250.6	251.4	252.0
28.5°	249.8	249.6	249.8	249.7	250.2	250.3
29°	248.7	248.8	248.7	248.3	249.0	249.2
29.5°	247.6	247.7	247.6	247.0	247.5	247.5
30°	246.3	246.2	246.3	245.4	246.5	246.5
30.5°	245.0	244.5	245.0	243.9	244.8	245.2
31°	243.3	243.4	243.3	242.6	243.4	243.9
31.5°	242.0	242.1	242.0	241.3	241.9	242.6
32°	240.3	240.3	240.3	240.0	240.5	241.0
32.5°	238.9	238.8	238.9	238.6	239.3	239.5
33°	237.5	237.3	237.5	237.4	237.8	237.9
33.5°	235.9	236.3	235.9	236.2	236.2	236.2
34°	234.5	235.0	234.5	234.5	234.5	235.1
34.5°	233.3	233.1	233.3	232.7	233.0	233.9
35°	231.6	231.4	231.6	231.3	231.3	232.3
35.5°	229.8	230.4	229.8	229.5	229.8	230.6
36°	228.1	228.1	228.1	228.0	228.5	229.0
36.5°	226.8	226.3	226.8	226.3	226.6	227.2
37°	225.1	225.0	225.1	224.7	225.0	225.5
37.5°	223.2	223.8	223.2	223.5	223.5	224.0
38°	221.5	222.0	221.5	221.6	221.7	222.7
38.5°	220.3	220.3	220.3	220.0	220.5	220.8
39°	218.4	218.1	218.4	218.3	218.6	218.9
39.5°	216.7	217.0	216.7	216.7	217.0	216.9
40°	215.0	215.1	215.0	214.9	215.1	215.9
40.5°	213.1	213.3	213.1	213.3	213.3	213.7
41°	211.4	211.1	211.4	211.5	211.6	211.9
41.5°	209.6	209.9	209.6	209.8	209.8	210.4
42°	207.7	207.7	207.7	208.0	208.1	208.6
42.5°	206.1	206.2	206.1	206.2	206.2	206.5
43°	204.3	204.2	204.3	204.2	204.1	204.6
43.5°	202.5	202.2	202.5	202.3	202.1	202.6



TEST NUMBER: P938634

CATALOG NUMBER: SMX6RLSFSD2W-750LM-4000K

**CANDELA DISTRIBUTION (continued):**

	247.5°	270°	292.5°	315°	337.5°	360°
45°	196.7	197.3	196.7	196.5	197.0	197.3
45.5°	195.0	195.1	195.0	194.5	195.0	195.7
46°	193.0	193.1	193.0	192.7	193.1	193.6
46.5°	191.2	191.0	191.2	191.0	191.2	191.5
47°	189.1	188.9	189.1	189.0	189.1	189.5
47.5°	186.9	187.1	186.9	186.9	187.2	187.6
48°	185.3	185.4	185.3	184.9	185.3	185.4
48.5°	183.2	183.2	183.2	183.1	183.3	183.5
49°	181.2	181.0	181.2	180.7	181.2	181.7
49.5°	179.3	178.9	179.3	178.4	179.2	179.7
50°	177.2	177.1	177.2	176.6	177.2	177.7
50.5°	174.9	175.1	174.9	174.7	175.1	175.4
51°	172.8	173.2	172.8	172.6	172.9	173.2
51.5°	170.7	170.9	170.7	170.4	170.8	171.4
52°	168.6	168.7	168.6	168.3	168.6	169.2
52.5°	166.6	166.9	166.6	166.3	166.5	166.9
53°	164.5	164.9	164.5	164.2	164.3	164.7
53.5°	162.3	162.6	162.3	162.2	162.2	162.4
54°	160.1	160.3	160.1	160.1	160.0	160.5
54.5°	157.9	158.0	157.9	157.8	157.9	158.4
55°	155.6	155.8	155.6	155.5	155.8	156.2
55.5°	153.2	153.6	153.2	153.3	153.4	154.0
56°	151.0	151.5	151.0	151.0	151.2	151.7
56.5°	148.8	149.3	148.8	148.7	149.0	149.6
57°	146.7	146.7	146.7	146.5	146.6	147.1
57.5°	144.5	144.4	144.5	144.1	144.3	144.9
58°	142.3	142.3	142.3	141.9	142.1	142.6
58.5°	140.1	140.1	140.1	139.7	139.8	140.4
59°	137.7	137.7	137.7	137.4	137.6	138.1
59.5°	135.2	135.5	135.2	135.1	135.2	135.7
60°	132.8	133.2	132.8	132.6	132.9	133.4
60.5°	130.4	130.9	130.4	130.2	130.6	130.7
61°	127.9	128.6	127.9	127.9	128.2	128.3
61.5°	125.6	126.0	125.6	125.5	125.7	126.0
62°	123.1	123.6	123.1	123.1	123.4	123.7
62.5°	120.8	120.9	120.8	120.7	120.9	121.2
63°	118.5	118.4	118.5	118.2	118.5	118.8
63.5°	116.1	116.1	116.1	115.7	115.9	116.3
64°	113.7	113.7	113.7	113.4	113.6	113.5
64.5°	111.2	111.2	111.2	110.9	111.0	111.0
65°	108.7	108.7	108.7	108.5	108.4	108.7
65.5°	106.1	106.3	106.1	106.0	106.0	106.4
66°	103.6	103.7	103.6	103.4	103.7	104.0



TEST NUMBER: P938634  
 CATALOG NUMBER: SMX6RLSFSD2W-750LM-4000K

**CANDELA DISTRIBUTION (continued):**

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	96.2	96.0	96.2	95.8	95.9	96.3
68°	93.5	93.5	93.5	93.4	93.5	93.7
68.5°	91.0	90.9	91.0	90.8	91.0	91.2
69°	88.3	88.5	88.3	88.3	88.5	88.5
69.5°	85.9	85.9	85.9	85.7	85.9	86.2
70°	83.3	83.4	83.3	83.1	83.4	83.7
70.5°	80.9	80.9	80.9	80.6	80.8	81.3
71°	78.2	78.2	78.2	78.0	78.2	78.6
71.5°	75.8	75.7	75.8	75.5	75.6	75.8
72°	73.3	73.1	73.3	73.0	73.0	73.3
72.5°	70.7	70.7	70.7	70.4	70.4	70.7
73°	68.1	68.1	68.1	67.8	67.8	68.0
73.5°	65.5	65.4	65.5	65.2	65.4	65.3
74°	62.9	63.0	62.9	62.7	62.8	62.7
74.5°	60.4	60.4	60.4	60.1	60.1	60.4
75°	57.7	57.9	57.7	57.5	57.6	57.8
75.5°	55.3	55.2	55.3	55.0	55.1	55.2
76°	52.7	52.9	52.7	52.6	52.6	52.6
76.5°	50.3	50.3	50.3	50.0	50.0	50.0
77°	47.8	47.9	47.8	47.6	47.5	47.6
77.5°	45.4	45.4	45.4	45.1	45.0	45.1
78°	43.0	43.2	43.0	42.7	42.6	42.7
78.5°	40.5	40.7	40.5	40.3	40.2	40.3
79°	38.2	38.2	38.2	37.9	37.8	37.9
79.5°	35.8	35.8	35.8	35.6	35.4	35.5
80°	33.4	33.5	33.4	33.2	33.1	33.2
80.5°	31.1	31.1	31.1	30.9	30.8	30.8
81°	28.9	28.9	28.9	28.7	28.6	28.6
81.5°	26.7	26.8	26.7	26.4	26.3	26.3
82°	24.6	24.7	24.6	24.3	24.1	24.0
82.5°	22.6	22.6	22.6	22.2	21.9	21.8
83°	20.6	20.8	20.6	20.1	19.8	19.7
83.5°	18.6	18.9	18.6	18.2	17.8	17.5
84°	16.8	17.0	16.8	16.3	15.9	15.7
84.5°	14.9	15.2	14.9	14.5	14.0	14.1
85°	13.2	13.6	13.2	12.7	12.3	12.2
85.5°	11.6	12.0	11.6	11.0	10.6	10.5
86°	10.1	10.6	10.1	9.6	9.1	8.9
86.5°	8.7	9.2	8.7	8.2	7.6	7.5
87°	7.6	8.0	7.6	6.9	6.3	6.1
87.5°	6.4	7.0	6.4	5.7	5.1	4.8
88°	5.4	6.0	5.4	4.7	4.1	3.9
88.5°	4.5	5.1	4.5	3.8	3.1	2.9



TEST NUMBER: P938634  
CATALOG NUMBER: SMX6RLSFSD2W-750LM-4000K

**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

Signify Classified - Internal  
Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



Report Generated By 670245859 / DESKTOP-T8S5UU9



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

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21.5°	267.0	266.1	265.6	266.2	265.8	266.2	265.6	266.1	267.0	266.1	265.6
22°	266.1	265.0	264.8	265.1	264.5	265.1	264.8	265.0	266.1	265.0	264.8



44°	200.8	200.5	200.5	200.6	200.8	200.6	200.5	200.5	200.8	200.5	200.5
44.5°	199.0	198.8	198.6	198.7	199.1	198.7	198.6	198.8	199.0	198.8	198.6



66.5°	101.4	101.2	100.9	101.1	101.2	101.1	100.9	101.2	101.4	101.2	100.9
67°	98.9	98.5	98.4	98.6	98.5	98.6	98.4	98.5	98.9	98.5	98.4



89°	2.2	2.4	3.1	3.8	4.2	3.8	3.1	2.4	2.2	2.4	3.1
89.5°	1.5	1.8	2.4	3.0	3.6	3.0	2.4	1.8	1.5	1.8	2.4



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21.5°	266.2	265.8	266.2	265.6	266.1	267.0
22°	265.1	264.5	265.1	264.8	265.0	266.1



44°	200.6	200.8	200.6	200.5	200.5	200.8
44.5°	198.7	199.1	198.7	198.6	198.8	199.0



66.5°	101.1	101.2	101.1	100.9	101.2	101.4
67°	98.6	98.5	98.6	98.4	98.5	98.9



89°	3.8	4.2	3.8	3.1	2.4	2.2
89.5°	3.0	3.6	3.0	2.4	1.8	1.5

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Scaled Data Report



(END OF REPORT)