

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: P938635

Luminaire Tested: SMX6RLSFSD2W-750LM-5000K

Issue Date: 1/9/2025

**Test Information**

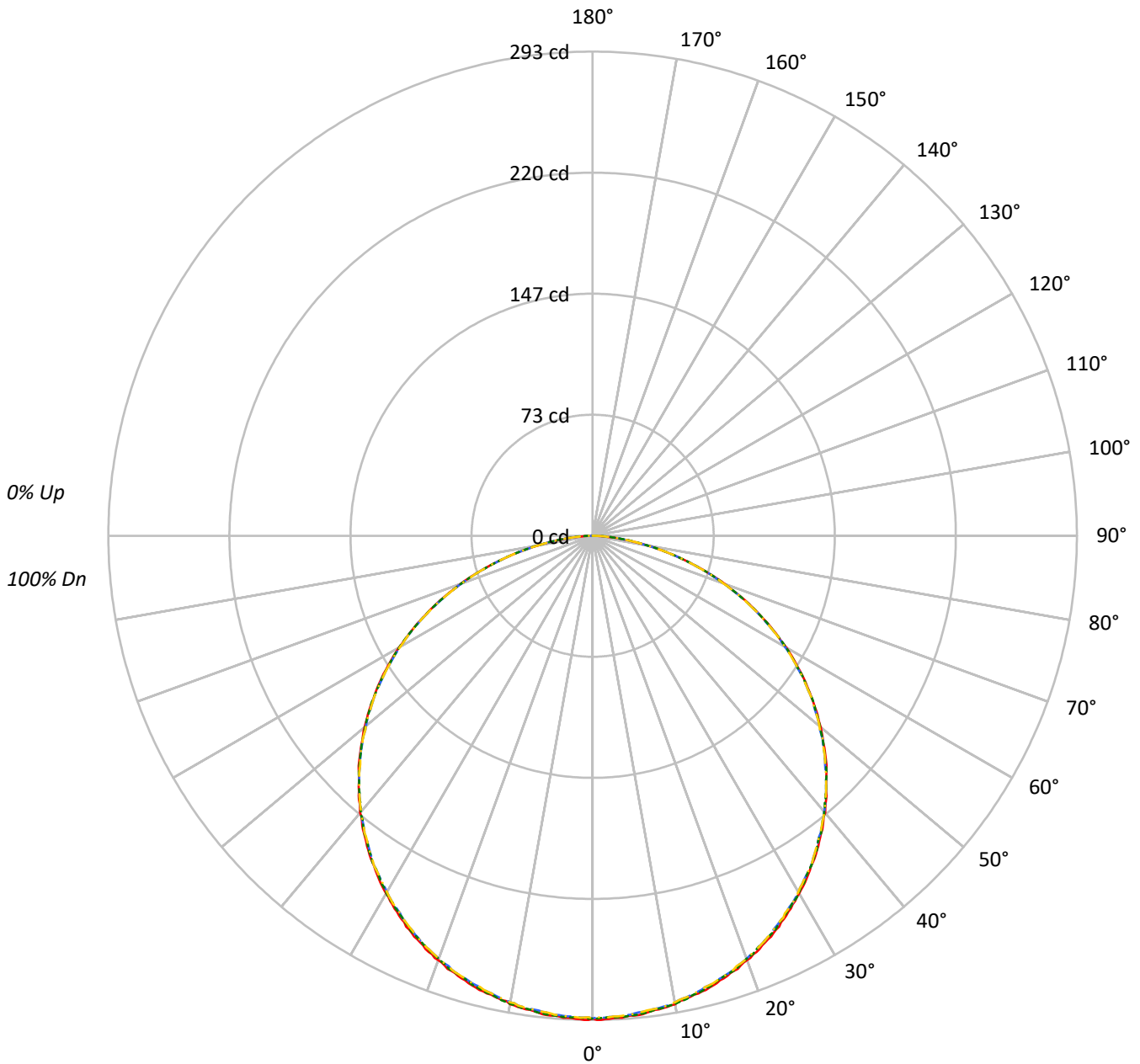
Test Method: LM-79-2019  
Report Number: P938635  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA ( A2405958-01A001)  
Test Lab:  
Issue Date: 1/9/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: HALO  
Catalog Number: SMX6RLSFSD2W-750LM-5000K  
Description: 6IN ROUND, 90CRI, DIMMING TO 10%, DAMP LOCATION  
Light Source: SELECTABLE CCT 90CRI / 5000K CCT  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 856.1 lumens  
Efficiency: N/A  
Efficacy: 108.4 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): 7.9  
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

TEST NUMBER: P938635  
CATALOG NUMBER: SMX6RLSFS2W-750LM-5000K

### Luminous Intensity Polar Plot





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

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

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

	0°	90°	180°	270°
0°	16018	16018	16018	16018
5°	16036	16025	16036	16025
10°	16026	16010	16026	16010
15°	15988	15971	15988	15971
20°	15944	15891	15944	15891
25°	15902	15872	15902	15872
30°	15825	15800	15825	15800
35°	15760	15700	15760	15700
40°	15665	15608	15665	15608
45°	15513	15505	15513	15505
50°	15360	15317	15360	15317
55°	15139	15091	15139	15091
60°	14823	14801	14823	14801
65°	14308	14308	14308	14308
70°	13608	13544	13608	13544
75°	12433	12433	12433	12433
80°	10607	10702	10607	10702
85°	7799	8617	7799	8617

**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°	27.6	3.2
10°-20°	79.3	9.3
20°-30°	120.8	14.1
30°-40°	146.8	17.2
40°-50°	153.9	18.0
50°-60°	141.0	16.5
60°-70°	108.8	12.7
70°-80°	61.9	7.2
80°-90°	15.8	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°	227.8	26.6
0°-40°	374.6	43.8
0°-60°	669.6	78.2
0°-90°	856.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	856.1	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	292	292	292	292	292	
5°	291	291	291	291	291	28
15°	282	281	282	281	282	79
25°	263	262	263	262	263	121
35°	236	235	236	235	236	147
45°	200	200	200	200	200	154
55°	158	158	158	158	158	141
65°	110	110	110	110	110	109
75°	59	59	59	59	59	62
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°	292.2	292.2	292.2	292.2	292.2	292.2	292.2	292.2	292.2	292.2	292.2
0.5°	293.0	292.0	291.4	292.2	292.2	292.2	291.4	292.0	293.0	292.0	291.4
1°	293.0	291.9	291.5	291.9	291.9	291.9	291.5	291.9	293.0	291.9	291.5
1.5°	292.6	291.9	291.8	292.1	291.8	292.1	291.8	291.9	292.6	291.9	291.8
2°	292.5	292.1	291.5	292.1	291.4	292.1	291.5	292.1	292.5	292.1	291.5
2.5°	292.1	291.7	291.2	292.2	291.8	292.2	291.2	291.7	292.1	291.7	291.2
3°	292.1	291.6	291.3	291.9	291.8	291.9	291.3	291.6	292.1	291.6	291.3
3.5°	292.2	291.4	291.1	291.5	291.7	291.5	291.1	291.4	292.2	291.4	291.1
4°	291.5	291.4	290.8	291.3	291.5	291.3	290.8	291.4	291.5	291.4	290.8
4.5°	291.3	291.0	290.7	291.1	291.2	291.1	290.7	291.0	291.3	291.0	290.7
5°	291.4	290.7	290.1	290.9	291.2	290.9	290.1	290.7	291.4	290.7	290.1
5.5°	291.4	290.4	289.8	290.7	291.1	290.7	289.8	290.4	291.4	290.4	289.8
6°	291.2	290.1	289.6	290.3	290.6	290.3	289.6	290.1	291.2	290.1	289.6
6.5°	290.4	289.9	289.2	289.7	290.5	289.7	289.2	289.9	290.4	289.9	289.2
7°	290.0	289.8	289.0	289.5	289.9	289.5	289.0	289.8	290.0	289.8	289.0
7.5°	289.5	289.5	288.8	289.1	289.2	289.1	288.8	289.5	289.5	289.5	288.8
8°	289.4	289.0	288.6	288.6	289.0	288.6	288.6	289.0	289.4	289.0	288.6
8.5°	289.0	288.6	288.2	288.4	289.0	288.4	288.2	288.6	289.0	288.6	288.2
9°	288.7	288.2	287.8	287.8	288.4	287.8	287.8	288.2	288.7	288.2	287.8
9.5°	288.2	287.7	286.8	287.5	287.9	287.5	286.8	287.7	288.2	287.7	286.8
10°	287.9	287.3	286.7	287.3	287.6	287.3	286.7	287.3	287.9	287.3	286.7
10.5°	286.4	286.7	285.9	286.5	287.0	286.5	285.9	286.7	286.4	286.7	285.9
11°	286.3	286.0	285.4	286.2	286.5	286.2	285.4	286.0	286.3	286.0	285.4
11.5°	285.7	285.9	285.0	285.5	286.0	285.5	285.0	285.9	285.7	285.9	285.0
12°	285.2	285.2	284.4	285.1	284.8	285.1	284.4	285.2	285.2	285.2	284.4
12.5°	284.4	284.7	283.5	284.1	284.3	284.1	283.5	284.7	284.4	284.7	283.5
13°	284.3	284.0	283.2	283.8	283.9	283.8	283.2	284.0	284.3	284.0	283.2
13.5°	283.6	283.6	282.6	283.3	283.3	283.3	282.6	283.6	283.6	283.6	282.6
14°	283.3	282.4	281.4	282.4	282.5	282.4	281.4	282.4	283.3	282.4	281.4
14.5°	282.4	282.0	281.0	281.9	281.9	281.9	281.0	282.0	282.4	282.0	281.0
15°	281.7	280.8	280.5	281.4	281.4	281.4	280.5	280.8	281.7	280.8	280.5
15.5°	281.0	280.0	279.7	280.6	280.0	280.6	279.7	280.0	281.0	280.0	279.7
16°	279.8	279.2	278.9	279.7	279.2	279.7	278.9	279.2	279.8	279.2	278.9
16.5°	279.4	278.6	278.3	278.7	278.3	278.7	278.3	278.6	279.4	278.6	278.3
17°	278.6	277.8	277.6	277.7	277.8	277.7	277.6	277.8	278.6	277.8	277.6
17.5°	277.4	277.0	276.9	277.1	277.1	277.1	276.9	277.0	277.4	277.0	276.9
18°	276.8	276.3	276.0	276.2	276.7	276.2	276.0	276.3	276.8	276.3	276.0
18.5°	276.5	275.2	274.6	275.3	275.8	275.3	274.6	275.2	276.5	275.2	274.6
19°	275.1	274.8	274.0	274.6	274.3	274.6	274.0	274.8	275.1	274.8	274.0
19.5°	273.9	273.5	273.2	273.8	273.5	273.8	273.2	273.5	273.9	273.5	273.2
20°	273.3	272.5	272.4	272.6	272.4	272.6	272.4	272.5	273.3	272.5	272.4
20.5°	272.8	271.4	271.3	271.6	271.6	271.6	271.3	271.4	272.8	271.4	271.3
21°	271.3	270.5	270.3	270.7	271.1	270.7	270.3	270.5	271.3	270.5	270.3



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CATALOG NUMBER: SMX6RLSFSD2W-750LM-5000K

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
22.5°	268.3	267.9	267.3	268.1	267.8	268.1	267.3	267.9	268.3	267.9	267.3
23°	267.3	266.4	266.4	266.7	266.3	266.7	266.4	266.4	267.3	266.4	266.4
23.5°	266.2	265.5	265.0	265.5	265.4	265.5	265.0	265.5	266.2	265.5	265.0
24°	265.5	264.6	264.1	264.4	264.3	264.4	264.1	264.6	265.5	264.6	264.1
24.5°	264.1	263.7	262.6	263.2	263.6	263.2	262.6	263.7	264.1	263.7	262.6
25°	262.9	262.2	261.5	261.8	262.4	261.8	261.5	262.2	262.9	262.2	261.5
25.5°	262.1	261.3	260.4	260.8	260.8	260.8	260.4	261.3	262.1	261.3	260.4
26°	260.2	259.8	259.2	259.5	259.6	259.5	259.2	259.8	260.2	259.8	259.2
26.5°	259.2	258.8	258.4	258.3	258.2	258.3	258.4	258.8	259.2	258.8	258.4
27°	258.1	257.2	256.4	257.0	257.1	257.0	256.4	257.2	258.1	257.2	256.4
27.5°	256.5	255.6	255.4	256.2	255.8	256.2	255.4	255.6	256.5	255.6	255.4
28°	255.5	254.9	254.1	255.1	254.8	255.1	254.1	254.9	255.5	254.9	254.1
28.5°	253.8	253.7	253.2	253.3	253.1	253.3	253.2	253.7	253.8	253.7	253.2
29°	252.7	252.5	251.8	252.2	252.3	252.2	251.8	252.5	252.7	252.5	251.8
29.5°	251.0	250.9	250.5	251.1	251.2	251.1	250.5	250.9	251.0	250.9	250.5
30°	250.0	249.9	248.8	249.7	249.6	249.7	248.8	249.9	250.0	249.9	248.8
30.5°	248.6	248.2	247.3	248.4	247.9	248.4	247.3	248.2	248.6	248.2	247.3
31°	247.3	246.8	246.0	246.7	246.8	246.7	246.0	246.8	247.3	246.8	246.0
31.5°	246.0	245.3	244.6	245.4	245.5	245.4	244.6	245.3	246.0	245.3	244.6
32°	244.4	243.8	243.3	243.7	243.6	243.7	243.3	243.8	244.4	243.8	243.3
32.5°	242.8	242.6	241.9	242.2	242.1	242.2	241.9	242.6	242.8	242.6	241.9
33°	241.3	241.1	240.7	240.8	240.6	240.8	240.7	241.1	241.3	241.1	240.7
33.5°	239.5	239.5	239.5	239.2	239.6	239.2	239.5	239.5	239.5	239.5	239.5
34°	238.4	237.8	237.8	237.8	238.2	237.8	237.8	237.8	238.4	237.8	237.8
34.5°	237.1	236.2	236.0	236.5	236.4	236.5	236.0	236.2	237.1	236.2	236.0
35°	235.5	234.5	234.5	234.8	234.6	234.8	234.5	234.5	235.5	234.5	234.5
35.5°	233.8	233.0	232.7	233.0	233.6	233.0	232.7	233.0	233.8	233.0	232.7
36°	232.2	231.7	231.2	231.3	231.3	231.3	231.2	231.7	232.2	231.7	231.2
36.5°	230.4	229.8	229.5	230.0	229.5	230.0	229.5	229.8	230.4	229.8	229.5
37°	228.7	228.2	227.8	228.2	228.1	228.2	227.8	228.2	228.7	228.2	227.8
37.5°	227.1	226.6	226.6	226.3	227.0	226.3	226.6	226.6	227.1	226.6	226.6
38°	225.8	224.8	224.7	224.6	225.1	224.6	224.7	224.8	225.8	224.8	224.7
38.5°	223.9	223.6	223.0	223.3	223.3	223.3	223.0	223.6	223.9	223.6	223.0
39°	221.9	221.7	221.4	221.5	221.1	221.5	221.4	221.7	221.9	221.7	221.4
39.5°	219.9	220.0	219.7	219.7	220.0	219.7	219.7	220.0	219.9	220.0	219.7
40°	218.9	218.1	217.9	218.0	218.1	218.0	217.9	218.1	218.9	218.1	217.9
40.5°	216.7	216.3	216.3	216.0	216.3	216.0	216.3	216.3	216.7	216.3	216.3
41°	214.9	214.6	214.5	214.4	214.1	214.4	214.5	214.6	214.9	214.6	214.5
41.5°	213.3	212.8	212.7	212.5	212.8	212.5	212.7	212.8	213.3	212.8	212.7
42°	211.5	211.0	210.9	210.6	210.6	210.6	210.9	211.0	211.5	211.0	210.9
42.5°	209.4	209.0	209.1	209.0	209.0	209.0	209.1	209.0	209.4	209.0	209.1
43°	207.5	207.0	207.1	207.1	207.1	207.1	207.1	207.0	207.5	207.0	207.1
43.5°	205.4	204.9	205.2	205.4	205.1	205.4	205.2	204.9	205.4	204.9	205.2



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	200.1	199.7	199.2	199.5	200.0	199.5	199.2	199.7	200.1	199.7	199.2
45.5°	198.5	197.7	197.2	197.7	197.8	197.7	197.2	197.7	198.5	197.7	197.2
46°	196.3	195.8	195.4	195.7	195.8	195.7	195.4	195.8	196.3	195.8	195.4
46.5°	194.2	193.9	193.6	193.9	193.7	193.9	193.6	193.9	194.2	193.9	193.6
47°	192.2	191.7	191.7	191.7	191.5	191.7	191.7	191.7	192.2	191.7	191.7
47.5°	190.2	189.8	189.5	189.5	189.7	189.5	189.5	189.8	190.2	189.8	189.5
48°	188.0	187.9	187.4	187.9	188.0	187.9	187.4	187.9	188.0	187.9	187.4
48.5°	186.0	185.9	185.7	185.8	185.8	185.8	185.7	185.9	186.0	185.9	185.7
49°	184.2	183.8	183.2	183.8	183.5	183.8	183.2	183.8	184.2	183.8	183.2
49.5°	182.2	181.7	180.9	181.8	181.4	181.8	180.9	181.7	182.2	181.7	180.9
50°	180.1	179.7	179.0	179.7	179.6	179.7	179.0	179.7	180.1	179.7	179.0
50.5°	177.9	177.6	177.1	177.4	177.5	177.4	177.1	177.6	177.9	177.6	177.1
51°	175.7	175.4	175.0	175.2	175.6	175.2	175.0	175.4	175.7	175.4	175.0
51.5°	173.8	173.1	172.8	173.1	173.3	173.1	172.8	173.1	173.8	173.1	172.8
52°	171.6	170.9	170.6	170.9	171.1	170.9	170.6	170.9	171.6	170.9	170.6
52.5°	169.3	168.9	168.6	168.9	169.3	168.9	168.6	168.9	169.3	168.9	168.6
53°	167.0	166.6	166.5	166.8	167.3	166.8	166.5	166.6	167.0	166.6	166.5
53.5°	164.7	164.4	164.5	164.6	164.9	164.6	164.5	164.4	164.7	164.4	164.5
54°	162.7	162.2	162.3	162.3	162.5	162.3	162.3	162.2	162.7	162.2	162.3
54.5°	160.6	160.1	160.0	160.1	160.2	160.1	160.0	160.1	160.6	160.1	160.0
55°	158.4	157.9	157.7	157.7	157.9	157.7	157.7	157.9	158.4	157.9	157.7
55.5°	156.2	155.5	155.4	155.4	155.8	155.4	155.4	155.5	156.2	155.5	155.4
56°	153.8	153.3	153.1	153.1	153.6	153.1	153.1	153.3	153.8	153.3	153.1
56.5°	151.7	151.1	150.8	150.9	151.4	150.9	150.8	151.1	151.7	151.1	150.8
57°	149.2	148.7	148.5	148.7	148.7	148.7	148.5	148.7	149.2	148.7	148.5
57.5°	146.9	146.3	146.2	146.5	146.5	146.5	146.2	146.3	146.9	146.3	146.2
58°	144.6	144.1	143.9	144.3	144.2	144.3	143.9	144.1	144.6	144.1	143.9
58.5°	142.4	141.8	141.6	142.0	142.0	142.0	141.6	141.8	142.4	141.8	141.6
59°	140.1	139.5	139.3	139.6	139.6	139.6	139.3	139.5	140.1	139.5	139.3
59.5°	137.6	137.1	136.9	137.1	137.4	137.1	136.9	137.1	137.6	137.1	136.9
60°	135.2	134.7	134.4	134.7	135.0	134.7	134.4	134.7	135.2	134.7	134.4
60.5°	132.5	132.4	132.0	132.2	132.8	132.2	132.0	132.4	132.5	132.4	132.0
61°	130.1	130.0	129.7	129.7	130.4	129.7	129.7	130.0	130.1	130.0	129.7
61.5°	127.7	127.4	127.3	127.3	127.8	127.3	127.3	127.4	127.7	127.4	127.3
62°	125.4	125.2	124.8	124.9	125.3	124.9	124.8	125.2	125.4	125.2	124.8
62.5°	122.9	122.6	122.3	122.5	122.6	122.5	122.3	122.6	122.9	122.6	122.3
63°	120.5	120.1	119.8	120.2	120.1	120.2	119.8	120.1	120.5	120.1	119.8
63.5°	117.9	117.6	117.3	117.7	117.7	117.7	117.3	117.6	117.9	117.6	117.3
64°	115.1	115.2	115.0	115.3	115.3	115.3	115.0	115.2	115.1	115.2	115.0
64.5°	112.6	112.6	112.4	112.7	112.8	112.7	112.4	112.6	112.6	112.6	112.4
65°	110.3	110.0	110.0	110.2	110.3	110.2	110.0	110.0	110.3	110.0	110.0
65.5°	107.9	107.5	107.4	107.6	107.7	107.6	107.4	107.5	107.9	107.5	107.4
66°	105.4	105.2	104.9	105.0	105.2	105.0	104.9	105.2	105.4	105.2	104.9





TEST NUMBER: P938635

CATALOG NUMBER: SMX6RLSFS2W-750LM-5000K

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	97.6	97.2	97.2	97.5	97.3	97.5	97.2	97.2	97.6	97.2	97.2
68°	95.0	94.8	94.7	94.9	94.8	94.9	94.7	94.8	95.0	94.8	94.7
68.5°	92.5	92.3	92.1	92.3	92.2	92.3	92.1	92.3	92.5	92.3	92.1
69°	89.7	89.7	89.5	89.5	89.7	89.5	89.5	89.7	89.7	89.7	89.5
69.5°	87.4	87.1	86.9	87.1	87.1	87.1	86.9	87.1	87.4	87.1	86.9
70°	84.9	84.6	84.3	84.4	84.5	84.4	84.3	84.6	84.9	84.6	84.3
70.5°	82.4	81.9	81.7	82.0	82.0	82.0	81.7	81.9	82.4	81.9	81.7
71°	79.7	79.3	79.1	79.3	79.3	79.3	79.1	79.3	79.7	79.3	79.1
71.5°	76.9	76.7	76.6	76.8	76.8	76.8	76.6	76.7	76.9	76.7	76.6
72°	74.4	74.0	74.1	74.3	74.1	74.3	74.1	74.0	74.4	74.0	74.1
72.5°	71.7	71.4	71.4	71.7	71.7	71.7	71.4	71.4	71.7	71.4	71.4
73°	68.9	68.7	68.7	69.1	69.0	69.1	68.7	68.7	68.9	68.7	68.7
73.5°	66.2	66.3	66.1	66.4	66.3	66.4	66.1	66.3	66.2	66.3	66.1
74°	63.6	63.7	63.6	63.8	63.9	63.8	63.6	63.7	63.6	63.7	63.6
74.5°	61.2	61.0	61.0	61.2	61.2	61.2	61.0	61.0	61.2	61.0	61.0
75°	58.7	58.4	58.3	58.5	58.7	58.5	58.3	58.4	58.7	58.4	58.3
75.5°	56.0	55.9	55.8	56.1	56.0	56.1	55.8	55.9	56.0	55.9	55.8
76°	53.3	53.3	53.3	53.4	53.6	53.4	53.3	53.3	53.3	53.3	53.3
76.5°	50.7	50.7	50.7	51.0	51.0	51.0	50.7	50.7	50.7	50.7	50.7
77°	48.2	48.2	48.2	48.5	48.5	48.5	48.2	48.2	48.2	48.2	48.2
77.5°	45.8	45.6	45.7	46.1	46.1	46.1	45.7	45.6	45.8	45.6	45.7
78°	43.3	43.2	43.3	43.6	43.8	43.6	43.3	43.2	43.3	43.2	43.3
78.5°	40.9	40.7	40.9	41.0	41.2	41.0	40.9	40.7	40.9	40.7	40.9
79°	38.4	38.3	38.5	38.7	38.8	38.7	38.5	38.3	38.4	38.3	38.5
79.5°	36.0	35.9	36.1	36.3	36.3	36.3	36.1	35.9	36.0	35.9	36.1
80°	33.6	33.6	33.7	33.9	33.9	33.9	33.7	33.6	33.6	33.6	33.7
80.5°	31.2	31.2	31.4	31.5	31.5	31.5	31.4	31.2	31.2	31.2	31.4
81°	29.0	29.0	29.1	29.3	29.3	29.3	29.1	29.0	29.0	29.0	29.1
81.5°	26.7	26.6	26.8	27.1	27.2	27.1	26.8	26.6	26.7	26.6	26.8
82°	24.3	24.4	24.6	24.9	25.0	24.9	24.6	24.4	24.3	24.4	24.6
82.5°	22.1	22.2	22.5	22.9	22.9	22.9	22.5	22.2	22.1	22.2	22.5
83°	19.9	20.1	20.4	20.9	21.0	20.9	20.4	20.1	19.9	20.1	20.4
83.5°	17.8	18.0	18.5	18.9	19.1	18.9	18.5	18.0	17.8	18.0	18.5
84°	15.9	16.1	16.6	17.0	17.2	17.0	16.6	16.1	15.9	16.1	16.6
84.5°	14.3	14.2	14.7	15.2	15.5	15.2	14.7	14.2	14.3	14.2	14.7
85°	12.4	12.5	12.9	13.4	13.7	13.4	12.9	12.5	12.4	12.5	12.9
85.5°	10.6	10.8	11.2	11.7	12.1	11.7	11.2	10.8	10.6	10.8	11.2
86°	9.0	9.2	9.7	10.2	10.7	10.2	9.7	9.2	9.0	9.2	9.7
86.5°	7.6	7.7	8.3	8.8	9.3	8.8	8.3	7.7	7.6	7.7	8.3
87°	6.1	6.4	7.0	7.7	8.2	7.7	7.0	6.4	6.1	6.4	7.0
87.5°	4.9	5.2	5.8	6.5	7.1	6.5	5.8	5.2	4.9	5.2	5.8
88°	3.9	4.2	4.8	5.5	6.1	5.5	4.8	4.2	3.9	4.2	4.8
88.5°	2.9	3.2	3.9	4.6	5.2	4.6	3.9	3.2	2.9	3.2	3.9



TEST NUMBER: P938635  
CATALOG NUMBER: SMX6RLSFS2W-750LM-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: P938635

CATALOG NUMBER: SMX6RLSFSD2W-750LM-5000K

**CANDELA DISTRIBUTION (continued):**

	247.5°	270°	292.5°	315°	337.5°	360°
0°	292.2	292.2	292.2	292.2	292.2	292.2
0.5°	292.2	292.2	292.2	291.4	292.0	293.0
1°	291.9	291.9	291.9	291.5	291.9	293.0
1.5°	292.1	291.8	292.1	291.8	291.9	292.6
2°	292.1	291.4	292.1	291.5	292.1	292.5
2.5°	292.2	291.8	292.2	291.2	291.7	292.1
3°	291.9	291.8	291.9	291.3	291.6	292.1
3.5°	291.5	291.7	291.5	291.1	291.4	292.2
4°	291.3	291.5	291.3	290.8	291.4	291.5
4.5°	291.1	291.2	291.1	290.7	291.0	291.3
5°	290.9	291.2	290.9	290.1	290.7	291.4
5.5°	290.7	291.1	290.7	289.8	290.4	291.4
6°	290.3	290.6	290.3	289.6	290.1	291.2
6.5°	289.7	290.5	289.7	289.2	289.9	290.4
7°	289.5	289.9	289.5	289.0	289.8	290.0
7.5°	289.1	289.2	289.1	288.8	289.5	289.5
8°	288.6	289.0	288.6	288.6	289.0	289.4
8.5°	288.4	289.0	288.4	288.2	288.6	289.0
9°	287.8	288.4	287.8	287.8	288.2	288.7
9.5°	287.5	287.9	287.5	286.8	287.7	288.2
10°	287.3	287.6	287.3	286.7	287.3	287.9
10.5°	286.5	287.0	286.5	285.9	286.7	286.4
11°	286.2	286.5	286.2	285.4	286.0	286.3
11.5°	285.5	286.0	285.5	285.0	285.9	285.7
12°	285.1	284.8	285.1	284.4	285.2	285.2
12.5°	284.1	284.3	284.1	283.5	284.7	284.4
13°	283.8	283.9	283.8	283.2	284.0	284.3
13.5°	283.3	283.3	283.3	282.6	283.6	283.6
14°	282.4	282.5	282.4	281.4	282.4	283.3
14.5°	281.9	281.9	281.9	281.0	282.0	282.4
15°	281.4	281.4	281.4	280.5	280.8	281.7
15.5°	280.6	280.0	280.6	279.7	280.0	281.0
16°	279.7	279.2	279.7	278.9	279.2	279.8
16.5°	278.7	278.3	278.7	278.3	278.6	279.4
17°	277.7	277.8	277.7	277.6	277.8	278.6
17.5°	277.1	277.1	277.1	276.9	277.0	277.4
18°	276.2	276.7	276.2	276.0	276.3	276.8
18.5°	275.3	275.8	275.3	274.6	275.2	276.5
19°	274.6	274.3	274.6	274.0	274.8	275.1
19.5°	273.8	273.5	273.8	273.2	273.5	273.9
20°	272.6	272.4	272.6	272.4	272.5	273.3
20.5°	271.6	271.6	271.6	271.3	271.4	272.8
21°	270.7	271.1	270.7	270.3	270.5	271.3



TEST NUMBER: P938635

CATALOG NUMBER: SMX6RLSFSD2W-750LM-5000K

**CANDELA DISTRIBUTION (continued):**

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	268.1	267.8	268.1	267.3	267.9	268.3
23°	266.7	266.3	266.7	266.4	266.4	267.3
23.5°	265.5	265.4	265.5	265.0	265.5	266.2
24°	264.4	264.3	264.4	264.1	264.6	265.5
24.5°	263.2	263.6	263.2	262.6	263.7	264.1
25°	261.8	262.4	261.8	261.5	262.2	262.9
25.5°	260.8	260.8	260.8	260.4	261.3	262.1
26°	259.5	259.6	259.5	259.2	259.8	260.2
26.5°	258.3	258.2	258.3	258.4	258.8	259.2
27°	257.0	257.1	257.0	256.4	257.2	258.1
27.5°	256.2	255.8	256.2	255.4	255.6	256.5
28°	255.1	254.8	255.1	254.1	254.9	255.5
28.5°	253.3	253.1	253.3	253.2	253.7	253.8
29°	252.2	252.3	252.2	251.8	252.5	252.7
29.5°	251.1	251.2	251.1	250.5	250.9	251.0
30°	249.7	249.6	249.7	248.8	249.9	250.0
30.5°	248.4	247.9	248.4	247.3	248.2	248.6
31°	246.7	246.8	246.7	246.0	246.8	247.3
31.5°	245.4	245.5	245.4	244.6	245.3	246.0
32°	243.7	243.6	243.7	243.3	243.8	244.4
32.5°	242.2	242.1	242.2	241.9	242.6	242.8
33°	240.8	240.6	240.8	240.7	241.1	241.3
33.5°	239.2	239.6	239.2	239.5	239.5	239.5
34°	237.8	238.2	237.8	237.8	237.8	238.4
34.5°	236.5	236.4	236.5	236.0	236.2	237.1
35°	234.8	234.6	234.8	234.5	234.5	235.5
35.5°	233.0	233.6	233.0	232.7	233.0	233.8
36°	231.3	231.3	231.3	231.2	231.7	232.2
36.5°	230.0	229.5	230.0	229.5	229.8	230.4
37°	228.2	228.1	228.2	227.8	228.2	228.7
37.5°	226.3	227.0	226.3	226.6	226.6	227.1
38°	224.6	225.1	224.6	224.7	224.8	225.8
38.5°	223.3	223.3	223.3	223.0	223.6	223.9
39°	221.5	221.1	221.5	221.4	221.7	221.9
39.5°	219.7	220.0	219.7	219.7	220.0	219.9
40°	218.0	218.1	218.0	217.9	218.1	218.9
40.5°	216.0	216.3	216.0	216.3	216.3	216.7
41°	214.4	214.1	214.4	214.5	214.6	214.9
41.5°	212.5	212.8	212.5	212.7	212.8	213.3
42°	210.6	210.6	210.6	210.9	211.0	211.5
42.5°	209.0	209.0	209.0	209.1	209.0	209.4
43°	207.1	207.1	207.1	207.1	207.0	207.5
43.5°	205.4	205.1	205.4	205.2	204.9	205.4



TEST NUMBER: P938635

CATALOG NUMBER: SMX6RLSFSD2W-750LM-5000K

**CANDELA DISTRIBUTION (continued):**

	247.5°	270°	292.5°	315°	337.5°	360°
45°	199.5	200.0	199.5	199.2	199.7	200.1
45.5°	197.7	197.8	197.7	197.2	197.7	198.5
46°	195.7	195.8	195.7	195.4	195.8	196.3
46.5°	193.9	193.7	193.9	193.6	193.9	194.2
47°	191.7	191.5	191.7	191.7	191.7	192.2
47.5°	189.5	189.7	189.5	189.5	189.8	190.2
48°	187.9	188.0	187.9	187.4	187.9	188.0
48.5°	185.8	185.8	185.8	185.7	185.9	186.0
49°	183.8	183.5	183.8	183.2	183.8	184.2
49.5°	181.8	181.4	181.8	180.9	181.7	182.2
50°	179.7	179.6	179.7	179.0	179.7	180.1
50.5°	177.4	177.5	177.4	177.1	177.6	177.9
51°	175.2	175.6	175.2	175.0	175.4	175.7
51.5°	173.1	173.3	173.1	172.8	173.1	173.8
52°	170.9	171.1	170.9	170.6	170.9	171.6
52.5°	168.9	169.3	168.9	168.6	168.9	169.3
53°	166.8	167.3	166.8	166.5	166.6	167.0
53.5°	164.6	164.9	164.6	164.5	164.4	164.7
54°	162.3	162.5	162.3	162.3	162.2	162.7
54.5°	160.1	160.2	160.1	160.0	160.1	160.6
55°	157.7	157.9	157.7	157.7	157.9	158.4
55.5°	155.4	155.8	155.4	155.4	155.5	156.2
56°	153.1	153.6	153.1	153.1	153.3	153.8
56.5°	150.9	151.4	150.9	150.8	151.1	151.7
57°	148.7	148.7	148.7	148.5	148.7	149.2
57.5°	146.5	146.5	146.5	146.2	146.3	146.9
58°	144.3	144.2	144.3	143.9	144.1	144.6
58.5°	142.0	142.0	142.0	141.6	141.8	142.4
59°	139.6	139.6	139.6	139.3	139.5	140.1
59.5°	137.1	137.4	137.1	136.9	137.1	137.6
60°	134.7	135.0	134.7	134.4	134.7	135.2
60.5°	132.2	132.8	132.2	132.0	132.4	132.5
61°	129.7	130.4	129.7	129.7	130.0	130.1
61.5°	127.3	127.8	127.3	127.3	127.4	127.7
62°	124.9	125.3	124.9	124.8	125.2	125.4
62.5°	122.5	122.6	122.5	122.3	122.6	122.9
63°	120.2	120.1	120.2	119.8	120.1	120.5
63.5°	117.7	117.7	117.7	117.3	117.6	117.9
64°	115.3	115.3	115.3	115.0	115.2	115.1
64.5°	112.7	112.8	112.7	112.4	112.6	112.6
65°	110.2	110.3	110.2	110.0	110.0	110.3
65.5°	107.6	107.7	107.6	107.4	107.5	107.9
66°	105.0	105.2	105.0	104.9	105.2	105.4



TEST NUMBER: P938635  
 CATALOG NUMBER: SMX6RLSFSD2W-750LM-5000K

**CANDELA DISTRIBUTION (continued):**

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	97.5	97.3	97.5	97.2	97.2	97.6
68°	94.9	94.8	94.9	94.7	94.8	95.0
68.5°	92.3	92.2	92.3	92.1	92.3	92.5
69°	89.5	89.7	89.5	89.5	89.7	89.7
69.5°	87.1	87.1	87.1	86.9	87.1	87.4
70°	84.4	84.5	84.4	84.3	84.6	84.9
70.5°	82.0	82.0	82.0	81.7	81.9	82.4
71°	79.3	79.3	79.3	79.1	79.3	79.7
71.5°	76.8	76.8	76.8	76.6	76.7	76.9
72°	74.3	74.1	74.3	74.1	74.0	74.4
72.5°	71.7	71.7	71.7	71.4	71.4	71.7
73°	69.1	69.0	69.1	68.7	68.7	68.9
73.5°	66.4	66.3	66.4	66.1	66.3	66.2
74°	63.8	63.9	63.8	63.6	63.7	63.6
74.5°	61.2	61.2	61.2	61.0	61.0	61.2
75°	58.5	58.7	58.5	58.3	58.4	58.7
75.5°	56.1	56.0	56.1	55.8	55.9	56.0
76°	53.4	53.6	53.4	53.3	53.3	53.3
76.5°	51.0	51.0	51.0	50.7	50.7	50.7
77°	48.5	48.5	48.5	48.2	48.2	48.2
77.5°	46.1	46.1	46.1	45.7	45.6	45.8
78°	43.6	43.8	43.6	43.3	43.2	43.3
78.5°	41.0	41.2	41.0	40.9	40.7	40.9
79°	38.7	38.8	38.7	38.5	38.3	38.4
79.5°	36.3	36.3	36.3	36.1	35.9	36.0
80°	33.9	33.9	33.9	33.7	33.6	33.6
80.5°	31.5	31.5	31.5	31.4	31.2	31.2
81°	29.3	29.3	29.3	29.1	29.0	29.0
81.5°	27.1	27.2	27.1	26.8	26.6	26.7
82°	24.9	25.0	24.9	24.6	24.4	24.3
82.5°	22.9	22.9	22.9	22.5	22.2	22.1
83°	20.9	21.0	20.9	20.4	20.1	19.9
83.5°	18.9	19.1	18.9	18.5	18.0	17.8
84°	17.0	17.2	17.0	16.6	16.1	15.9
84.5°	15.2	15.5	15.2	14.7	14.2	14.3
85°	13.4	13.7	13.4	12.9	12.5	12.4
85.5°	11.7	12.1	11.7	11.2	10.8	10.6
86°	10.2	10.7	10.2	9.7	9.2	9.0
86.5°	8.8	9.3	8.8	8.3	7.7	7.6
87°	7.7	8.2	7.7	7.0	6.4	6.1
87.5°	6.5	7.1	6.5	5.8	5.2	4.9
88°	5.5	6.1	5.5	4.8	4.2	3.9
88.5°	4.6	5.2	4.6	3.9	3.2	2.9



TEST NUMBER: P938635  
CATALOG NUMBER: SMX6RLSFSD2W-750LM-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

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°	270.7	269.8	269.3	270.0	269.5	270.0	269.3	269.8	270.7	269.8	269.3
22°	269.8	268.7	268.5	268.8	268.2	268.8	268.5	268.7	269.8	268.7	268.5



44°	203.6	203.3	203.3	203.4	203.6	203.4	203.3	203.3	203.6	203.3	203.3
44.5°	201.7	201.6	201.4	201.5	201.9	201.5	201.4	201.6	201.7	201.6	201.4



66.5°	102.8	102.6	102.3	102.5	102.6	102.5	102.3	102.6	102.8	102.6	102.3
67°	100.3	99.9	99.8	99.9	99.9	99.9	99.8	99.9	100.3	99.9	99.8



89°	2.2	2.5	3.1	3.8	4.3	3.8	3.1	2.5	2.2	2.5	3.1
89.5°	1.5	1.8	2.4	3.1	3.6	3.1	2.4	1.8	1.5	1.8	2.4



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21.5°	270.0	269.5	270.0	269.3	269.8	270.7
22°	268.8	268.2	268.8	268.5	268.7	269.8



44°	203.4	203.6	203.4	203.3	203.3	203.6
44.5°	201.5	201.9	201.5	201.4	201.6	201.7

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66.5°	102.5	102.6	102.5	102.3	102.6	102.8
67°	99.9	99.9	99.9	99.8	99.9	100.3



89°	3.8	4.3	3.8	3.1	2.5	2.2
89.5°	3.1	3.6	3.1	2.4	1.8	1.5

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(END OF REPORT)