

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: P938631

Luminaire Tested: SMX6RLSFSD2W-750LM-2700K

Issue Date: 1/9/2025

**Test Information**

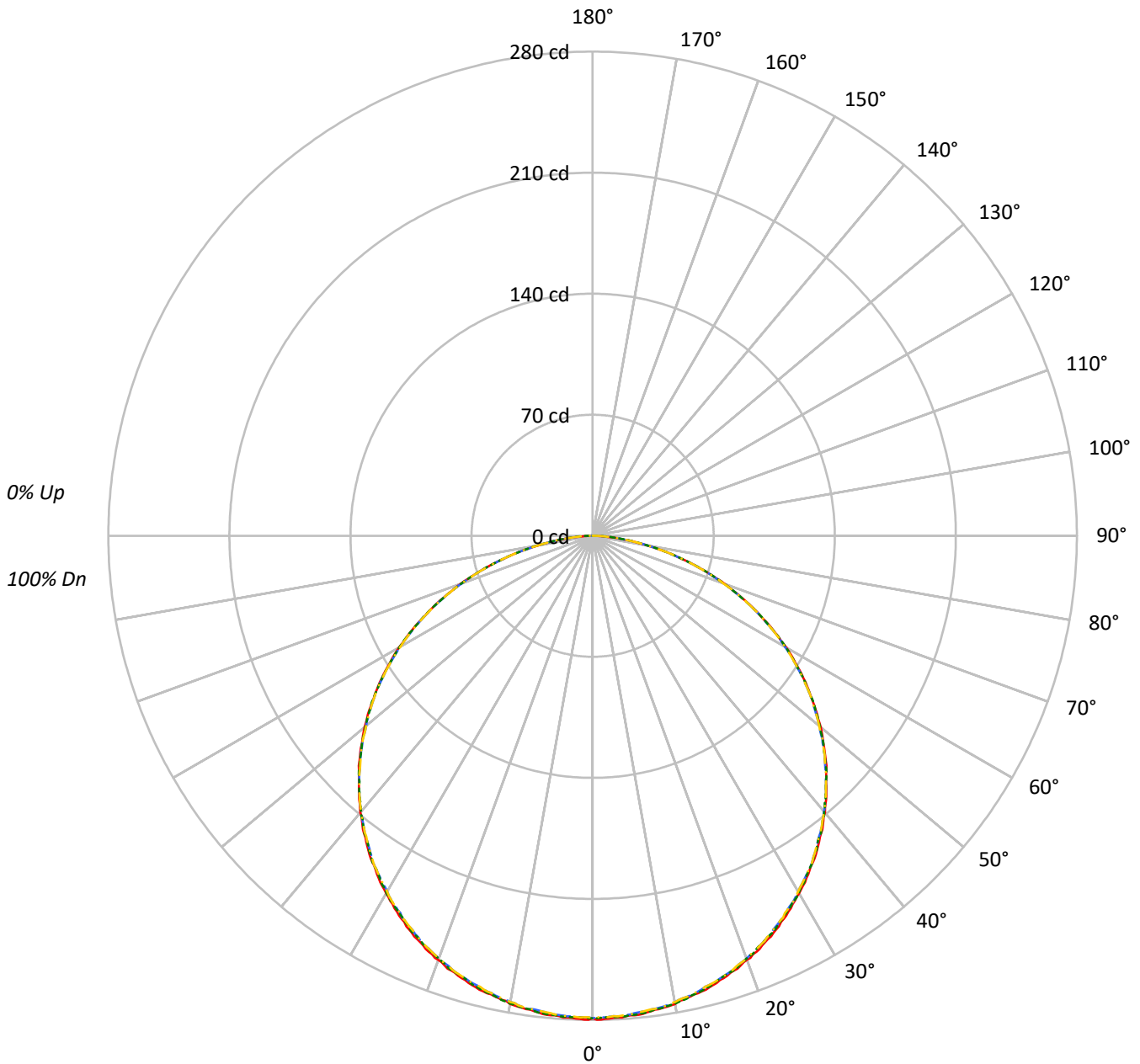
Test Method: LM-79-2019  
Report Number: P938631  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA ( A2405958-01A001)  
Test Lab:  
Issue Date: 1/9/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: HALO  
Catalog Number: SMX6RLSFSD2W-750LM-2700K  
Description: 6IN ROUND, 90CRI, DIMMING TO 10%, DAMP LOCATION  
Light Source: SELECTABLE CCT 90CRI / 2700K CCT  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 817.7 lumens  
Efficiency: N/A  
Efficacy: 103.5 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): 7.9  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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-2700K

### 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°	15300	15300	15300	15300
5°	15320	15304	15320	15304
10°	15308	15291	15308	15291
15°	15273	15255	15273	15255
20°	15226	15180	15226	15180
25°	15188	15158	15188	15158
30°	15116	15091	15116	15091
35°	15058	14997	15058	14997
40°	14964	14906	14964	14906
45°	14815	14815	14815	14815
50°	14678	14626	14678	14626
55°	14461	14422	14461	14422
60°	14166	14144	14166	14144
65°	13659	13659	13659	13659
70°	12999	12951	12999	12951
75°	11861	11882	11861	11882
80°	10134	10229	10134	10229
85°	7422	8240	7422	8240

**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°	26.4	3.2
10°-20°	75.8	9.3
20°-30°	115.4	14.1
30°-40°	140.3	17.2
40°-50°	147.0	18.0
50°-60°	134.7	16.5
60°-70°	103.9	12.7
70°-80°	59.1	7.2
80°-90°	15.1	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°	217.6	26.6
0°-40°	357.8	43.8
0°-60°	639.6	78.2
0°-90°	817.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	817.7	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	279	279	279	279	279	
5°	278	278	278	278	278	26
15°	269	269	269	269	269	76
25°	251	251	251	251	251	116
35°	225	224	225	224	225	141
45°	191	191	191	191	191	147
55°	151	151	151	151	151	135
65°	105	105	105	105	105	104
75°	56	56	56	56	56	59
85°	12	13	12	13	12	15
90°	0	0	0	0	0	



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CATALOG NUMBER: SMX6RLSFSD2W-750LM-2700K

**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	279.1	279.1	279.1	279.1	279.1	279.1	279.1	279.1	279.1	279.1	279.1
0.5°	279.9	278.9	278.4	279.1	279.1	279.1	278.4	278.9	279.9	278.9	278.4
1°	279.8	278.8	278.4	278.8	278.8	278.8	278.4	278.8	279.8	278.8	278.4
1.5°	279.5	278.8	278.7	279.0	278.7	279.0	278.7	278.8	279.5	278.8	278.7
2°	279.4	279.0	278.4	279.0	278.4	279.0	278.4	279.0	279.4	279.0	278.4
2.5°	279.0	278.6	278.1	279.1	278.7	279.1	278.1	278.6	279.0	278.6	278.1
3°	279.0	278.6	278.3	278.8	278.7	278.8	278.3	278.6	279.0	278.6	278.3
3.5°	279.1	278.4	278.0	278.4	278.6	278.4	278.0	278.4	279.1	278.4	278.0
4°	278.4	278.3	277.8	278.2	278.4	278.2	277.8	278.3	278.4	278.3	277.8
4.5°	278.2	277.9	277.7	278.0	278.1	278.0	277.7	277.9	278.2	277.9	277.7
5°	278.4	277.7	277.1	277.8	278.1	277.8	277.1	277.7	278.4	277.7	277.1
5.5°	278.3	277.4	276.9	277.7	278.0	277.7	276.9	277.4	278.3	277.4	276.9
6°	278.1	277.1	276.6	277.3	277.6	277.3	276.6	277.1	278.1	277.1	276.6
6.5°	277.4	276.9	276.3	276.7	277.5	276.7	276.3	276.9	277.4	276.9	276.3
7°	277.0	276.9	276.0	276.6	276.9	276.6	276.0	276.9	277.0	276.9	276.0
7.5°	276.5	276.6	275.9	276.2	276.3	276.2	275.9	276.6	276.5	276.6	275.9
8°	276.4	276.1	275.7	275.7	276.1	275.7	275.7	276.1	276.4	276.1	275.7
8.5°	276.0	275.6	275.3	275.4	276.0	275.4	275.3	275.6	276.0	275.6	275.3
9°	275.7	275.3	274.9	274.9	275.4	274.9	274.9	275.3	275.7	275.3	274.9
9.5°	275.3	274.8	274.0	274.6	275.0	274.6	274.0	274.8	275.3	274.8	274.0
10°	275.0	274.5	273.8	274.4	274.7	274.4	273.8	274.5	275.0	274.5	273.8
10.5°	273.6	273.8	273.0	273.7	274.1	273.7	273.0	273.8	273.6	273.8	273.0
11°	273.5	273.2	272.6	273.3	273.6	273.3	272.6	273.2	273.5	273.2	272.6
11.5°	272.9	273.1	272.2	272.7	273.2	272.7	272.2	273.1	272.9	273.1	272.2
12°	272.4	272.4	271.7	272.3	272.0	272.3	271.7	272.4	272.4	272.4	271.7
12.5°	271.6	271.9	270.8	271.4	271.6	271.4	270.8	271.9	271.6	271.9	270.8
13°	271.5	271.2	270.5	271.1	271.2	271.1	270.5	271.2	271.5	271.2	270.5
13.5°	270.9	270.9	269.9	270.6	270.6	270.6	269.9	270.9	270.9	270.9	269.9
14°	270.6	269.7	268.8	269.7	269.9	269.7	268.8	269.7	270.6	269.7	268.8
14.5°	269.7	269.4	268.4	269.2	269.3	269.2	268.4	269.4	269.7	269.4	268.4
15°	269.1	268.2	267.9	268.8	268.8	268.8	267.9	268.2	269.1	268.2	267.9
15.5°	268.4	267.5	267.2	268.0	267.5	268.0	267.2	267.5	268.4	267.5	267.2
16°	267.3	266.7	266.4	267.1	266.7	267.1	266.4	266.7	267.3	266.7	266.4
16.5°	266.9	266.1	265.8	266.2	265.8	266.2	265.8	266.1	266.9	266.1	265.8
17°	266.1	265.4	265.1	265.2	265.3	265.2	265.1	265.4	266.1	265.4	265.1
17.5°	265.0	264.6	264.5	264.7	264.7	264.7	264.5	264.6	265.0	264.6	264.5
18°	264.4	264.0	263.6	263.8	264.3	263.8	263.6	264.0	264.4	264.0	263.6
18.5°	264.1	262.9	262.3	263.0	263.4	263.0	262.3	262.9	264.1	262.9	262.3
19°	262.8	262.4	261.7	262.3	262.0	262.3	261.7	262.4	262.8	262.4	261.7
19.5°	261.6	261.3	261.0	261.6	261.2	261.6	261.0	261.3	261.6	261.3	261.0
20°	261.0	260.3	260.2	260.4	260.2	260.4	260.2	260.3	261.0	260.3	260.2
20.5°	260.6	259.3	259.2	259.4	259.4	259.4	259.2	259.3	260.6	259.3	259.2
21°	259.1	258.3	258.2	258.6	258.9	258.6	258.2	258.3	259.1	258.3	258.2



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CATALOG NUMBER: SMX6RLSFSD2W-750LM-2700K

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
22.5°	256.3	255.9	255.3	256.0	255.8	256.0	255.3	255.9	256.3	255.9	255.3
23°	255.3	254.5	254.5	254.8	254.4	254.8	254.5	254.5	255.3	254.5	254.5
23.5°	254.3	253.6	253.1	253.6	253.5	253.6	253.1	253.6	254.3	253.6	253.1
24°	253.6	252.7	252.2	252.6	252.5	252.6	252.2	252.7	253.6	252.7	252.2
24.5°	252.2	251.9	250.8	251.4	251.8	251.4	250.8	251.9	252.2	251.9	250.8
25°	251.1	250.4	249.8	250.1	250.6	250.1	249.8	250.4	251.1	250.4	249.8
25.5°	250.3	249.5	248.7	249.1	249.1	249.1	248.7	249.5	250.3	249.5	248.7
26°	248.5	248.1	247.6	247.9	248.0	247.9	247.6	248.1	248.5	248.1	247.6
26.5°	247.6	247.2	246.8	246.7	246.6	246.7	246.8	247.2	247.6	247.2	246.8
27°	246.5	245.7	244.9	245.5	245.6	245.5	244.9	245.7	246.5	245.7	244.9
27.5°	245.0	244.2	243.9	244.7	244.3	244.7	243.9	244.2	245.0	244.2	243.9
28°	244.1	243.4	242.7	243.6	243.3	243.6	242.7	243.4	244.1	243.4	242.7
28.5°	242.4	242.3	241.8	241.9	241.7	241.9	241.8	242.3	242.4	242.3	241.8
29°	241.3	241.2	240.5	240.9	241.0	240.9	240.5	241.2	241.3	241.2	240.5
29.5°	239.8	239.7	239.2	239.8	239.9	239.8	239.2	239.7	239.8	239.7	239.2
30°	238.8	238.7	237.6	238.5	238.4	238.5	237.6	238.7	238.8	238.7	237.6
30.5°	237.5	237.1	236.2	237.3	236.8	237.3	236.2	237.1	237.5	237.1	236.2
31°	236.2	235.8	235.0	235.7	235.7	235.7	235.0	235.8	236.2	235.8	235.0
31.5°	235.0	234.3	233.7	234.4	234.5	234.4	233.7	234.3	235.0	234.3	233.7
32°	233.4	232.9	232.4	232.8	232.7	232.8	232.4	232.9	233.4	232.9	232.4
32.5°	232.0	231.7	231.1	231.4	231.3	231.4	231.1	231.7	232.0	231.7	231.1
33°	230.4	230.3	229.9	230.0	229.9	230.0	229.9	230.3	230.4	230.3	229.9
33.5°	228.8	228.8	228.7	228.5	228.9	228.5	228.7	228.8	228.8	228.8	228.7
34°	227.7	227.2	227.1	227.2	227.6	227.2	227.1	227.2	227.7	227.2	227.1
34.5°	226.5	225.6	225.4	225.9	225.8	225.9	225.4	225.6	226.5	225.6	225.4
35°	225.0	224.0	224.0	224.3	224.1	224.3	224.0	224.0	225.0	224.0	224.0
35.5°	223.3	222.5	222.3	222.5	223.1	222.5	222.3	222.5	223.3	222.5	222.3
36°	221.8	221.3	220.8	220.9	220.9	220.9	220.8	221.3	221.8	221.3	220.8
36.5°	220.1	219.5	219.2	219.7	219.2	219.7	219.2	219.5	220.1	219.5	219.2
37°	218.4	218.0	217.6	218.0	217.9	218.0	217.6	218.0	218.4	218.0	217.6
37.5°	217.0	216.5	216.4	216.1	216.8	216.1	216.4	216.5	217.0	216.5	216.4
38°	215.7	214.7	214.7	214.6	215.0	214.6	214.7	214.7	215.7	214.7	214.7
38.5°	213.9	213.6	213.0	213.3	213.3	213.3	213.0	213.6	213.9	213.6	213.0
39°	212.0	211.7	211.4	211.6	211.2	211.6	211.4	211.7	212.0	211.7	211.4
39.5°	210.0	210.2	209.9	209.9	210.2	209.9	209.9	210.2	210.0	210.2	209.9
40°	209.1	208.3	208.2	208.2	208.3	208.2	208.2	208.3	209.1	208.3	208.2
40.5°	207.0	206.6	206.6	206.4	206.6	206.4	206.6	206.6	207.0	206.6	206.6
41°	205.2	204.9	204.9	204.8	204.5	204.8	204.9	204.9	205.2	204.9	204.9
41.5°	203.8	203.2	203.2	203.0	203.3	203.0	203.2	203.2	203.8	203.2	203.2
42°	202.0	201.5	201.5	201.2	201.2	201.2	201.5	201.5	202.0	201.5	201.5
42.5°	200.0	199.7	199.7	199.6	199.7	199.6	199.7	199.7	200.0	199.7	199.7
43°	198.2	197.7	197.8	197.9	197.8	197.9	197.8	197.7	198.2	197.7	197.8
43.5°	196.2	195.7	196.0	196.2	195.9	196.2	196.0	195.7	196.2	195.7	196.0



TEST NUMBER: P938631

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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	191.1	190.8	190.3	190.5	191.1	190.5	190.3	190.8	191.1	190.8	190.3
45.5°	189.6	188.8	188.4	188.8	188.9	188.8	188.4	188.8	189.6	188.8	188.4
46°	187.5	187.1	186.6	187.0	187.1	187.0	186.6	187.1	187.5	187.1	186.6
46.5°	185.5	185.2	185.0	185.2	185.0	185.2	185.0	185.2	185.5	185.2	185.0
47°	183.6	183.1	183.1	183.1	182.9	183.1	183.1	183.1	183.6	183.1	183.1
47.5°	181.7	181.3	181.0	181.0	181.2	181.0	181.0	181.3	181.7	181.3	181.0
48°	179.6	179.5	179.0	179.5	179.6	179.5	179.0	179.5	179.6	179.5	179.0
48.5°	177.7	177.6	177.3	177.5	177.5	177.5	177.3	177.6	177.7	177.6	177.3
49°	175.9	175.5	175.0	175.5	175.3	175.5	175.0	175.5	175.9	175.5	175.0
49.5°	174.0	173.6	172.8	173.6	173.2	173.6	172.8	173.6	174.0	173.6	172.8
50°	172.1	171.6	171.0	171.6	171.5	171.6	171.0	171.6	172.1	171.6	171.0
50.5°	169.9	169.6	169.2	169.4	169.5	169.4	169.2	169.6	169.9	169.6	169.2
51°	167.8	167.5	167.1	167.4	167.7	167.4	167.1	167.5	167.8	167.5	167.1
51.5°	166.0	165.4	165.0	165.3	165.5	165.3	165.0	165.4	166.0	165.4	165.0
52°	163.9	163.3	163.0	163.3	163.4	163.3	163.0	163.3	163.9	163.3	163.0
52.5°	161.7	161.3	161.0	161.3	161.7	161.3	161.0	161.3	161.7	161.3	161.0
53°	159.5	159.2	159.0	159.3	159.8	159.3	159.0	159.2	159.5	159.2	159.0
53.5°	157.3	157.1	157.1	157.2	157.5	157.2	157.1	157.1	157.3	157.1	157.1
54°	155.4	155.0	155.1	155.1	155.2	155.1	155.1	155.0	155.4	155.0	155.1
54.5°	153.4	152.9	152.8	152.9	153.0	152.9	152.8	152.9	153.4	152.9	152.8
55°	151.3	150.9	150.6	150.7	150.9	150.7	150.6	150.9	151.3	150.9	150.6
55.5°	149.2	148.6	148.4	148.4	148.8	148.4	148.4	148.6	149.2	148.6	148.4
56°	146.9	146.5	146.2	146.3	146.7	146.3	146.2	146.5	146.9	146.5	146.2
56.5°	144.9	144.3	144.1	144.1	144.6	144.1	144.1	144.3	144.9	144.3	144.1
57°	142.5	142.0	141.9	142.1	142.1	142.1	141.9	142.0	142.5	142.0	141.9
57.5°	140.3	139.7	139.6	140.0	139.9	140.0	139.6	139.7	140.3	139.7	139.6
58°	138.1	137.7	137.4	137.8	137.8	137.8	137.4	137.7	138.1	137.7	137.4
58.5°	136.0	135.4	135.3	135.7	135.7	135.7	135.3	135.4	136.0	135.4	135.3
59°	133.8	133.3	133.0	133.4	133.3	133.4	133.0	133.3	133.8	133.3	133.0
59.5°	131.5	130.9	130.8	131.0	131.2	131.0	130.8	130.9	131.5	130.9	130.8
60°	129.2	128.7	128.4	128.6	129.0	128.6	128.4	128.7	129.2	128.7	128.4
60.5°	126.6	126.5	126.1	126.3	126.8	126.3	126.1	126.5	126.6	126.5	126.1
61°	124.3	124.2	123.9	123.9	124.5	123.9	123.9	124.2	124.3	124.2	123.9
61.5°	122.0	121.7	121.5	121.6	122.1	121.6	121.5	121.7	122.0	121.7	121.5
62°	119.8	119.6	119.2	119.3	119.7	119.3	119.2	119.6	119.8	119.6	119.2
62.5°	117.4	117.1	116.9	117.0	117.1	117.0	116.9	117.1	117.4	117.1	116.9
63°	115.1	114.7	114.5	114.8	114.7	114.8	114.5	114.7	115.1	114.7	114.5
63.5°	112.6	112.3	112.1	112.4	112.4	112.4	112.1	112.3	112.6	112.3	112.1
64°	109.9	110.1	109.8	110.1	110.1	110.1	109.8	110.1	109.9	110.1	109.8
64.5°	107.5	107.5	107.4	107.7	107.7	107.7	107.4	107.5	107.5	107.5	107.4
65°	105.3	105.0	105.1	105.3	105.3	105.3	105.1	105.0	105.3	105.0	105.1
65.5°	103.0	102.7	102.6	102.8	102.9	102.8	102.6	102.7	103.0	102.7	102.6
66°	100.7	100.5	100.2	100.3	100.5	100.3	100.2	100.5	100.7	100.5	100.2





TEST NUMBER: P938631  
 CATALOG NUMBER: SMX6RLSFS2W-750LM-2700K

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	93.2	92.9	92.8	93.1	92.9	93.1	92.8	92.9	93.2	92.9	92.8
68°	90.8	90.5	90.4	90.6	90.5	90.6	90.4	90.5	90.8	90.5	90.4
68.5°	88.3	88.1	88.0	88.1	88.0	88.1	88.0	88.1	88.3	88.1	88.0
69°	85.7	85.7	85.5	85.5	85.7	85.5	85.5	85.7	85.7	85.7	85.5
69.5°	83.5	83.2	83.0	83.2	83.2	83.2	83.0	83.2	83.5	83.2	83.0
70°	81.1	80.8	80.5	80.6	80.8	80.6	80.5	80.8	81.1	80.8	80.5
70.5°	78.7	78.2	78.1	78.4	78.4	78.4	78.1	78.2	78.7	78.2	78.1
71°	76.1	75.8	75.5	75.8	75.8	75.8	75.5	75.8	76.1	75.8	75.5
71.5°	73.4	73.3	73.1	73.4	73.3	73.4	73.1	73.3	73.4	73.3	73.1
72°	71.0	70.7	70.7	71.0	70.8	71.0	70.7	70.7	71.0	70.7	70.7
72.5°	68.5	68.2	68.2	68.5	68.5	68.5	68.2	68.2	68.5	68.2	68.2
73°	65.8	65.6	65.6	66.0	65.9	66.0	65.6	65.6	65.8	65.6	65.6
73.5°	63.2	63.4	63.2	63.5	63.4	63.5	63.2	63.4	63.2	63.4	63.2
74°	60.8	60.8	60.7	60.9	61.0	60.9	60.7	60.8	60.8	60.8	60.7
74.5°	58.5	58.3	58.3	58.5	58.5	58.5	58.3	58.3	58.5	58.3	58.3
75°	56.0	55.8	55.7	55.9	56.1	55.9	55.7	55.8	56.0	55.8	55.7
75.5°	53.4	53.4	53.3	53.6	53.5	53.6	53.3	53.4	53.4	53.4	53.3
76°	50.9	50.9	50.9	51.0	51.2	51.0	50.9	50.9	50.9	50.9	50.9
76.5°	48.5	48.5	48.5	48.7	48.8	48.7	48.5	48.5	48.5	48.5	48.5
77°	46.1	46.0	46.1	46.3	46.4	46.3	46.1	46.0	46.1	46.0	46.1
77.5°	43.7	43.5	43.7	44.0	44.0	44.0	43.7	43.5	43.7	43.5	43.7
78°	41.4	41.3	41.4	41.7	41.8	41.7	41.4	41.3	41.4	41.3	41.4
78.5°	39.0	38.9	39.0	39.2	39.4	39.2	39.0	38.9	39.0	38.9	39.0
79°	36.7	36.6	36.7	37.0	37.0	37.0	36.7	36.6	36.7	36.6	36.7
79.5°	34.3	34.3	34.5	34.6	34.7	34.6	34.5	34.3	34.3	34.3	34.5
80°	32.1	32.1	32.2	32.4	32.4	32.4	32.2	32.1	32.1	32.1	32.2
80.5°	29.8	29.8	29.9	30.1	30.1	30.1	29.9	29.8	29.8	29.8	29.9
81°	27.7	27.7	27.8	28.0	28.0	28.0	27.8	27.7	27.7	27.7	27.8
81.5°	25.5	25.4	25.6	25.8	26.0	25.8	25.6	25.4	25.5	25.4	25.6
82°	23.2	23.3	23.5	23.8	23.9	23.8	23.5	23.3	23.2	23.3	23.5
82.5°	21.1	21.2	21.5	21.9	21.9	21.9	21.5	21.2	21.1	21.2	21.5
83°	19.0	19.2	19.5	19.9	20.1	19.9	19.5	19.2	19.0	19.2	19.5
83.5°	17.0	17.2	17.6	18.1	18.3	18.1	17.6	17.2	17.0	17.2	17.6
84°	15.2	15.4	15.8	16.2	16.5	16.2	15.8	15.4	15.2	15.4	15.8
84.5°	13.7	13.5	14.0	14.5	14.8	14.5	14.0	13.5	13.7	13.5	14.0
85°	11.8	12.0	12.3	12.8	13.1	12.8	12.3	12.0	11.8	12.0	12.3
85.5°	10.1	10.3	10.7	11.2	11.6	11.2	10.7	10.3	10.1	10.3	10.7
86°	8.6	8.8	9.3	9.8	10.3	9.8	9.3	8.8	8.6	8.8	9.3
86.5°	7.3	7.4	7.9	8.4	8.9	8.4	7.9	7.4	7.3	7.4	7.9
87°	5.9	6.1	6.7	7.3	7.8	7.3	6.7	6.1	5.9	6.1	6.7
87.5°	4.7	5.0	5.6	6.2	6.7	6.2	5.6	5.0	4.7	5.0	5.6
88°	3.8	4.0	4.6	5.2	5.8	5.2	4.6	4.0	3.8	4.0	4.6
88.5°	2.8	3.0	3.7	4.4	4.9	4.4	3.7	3.0	2.8	3.0	3.7



TEST NUMBER: P938631  
CATALOG NUMBER: SMX6RLSFSD2W-750LM-2700K

**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: P938631

CATALOG NUMBER: SMX6RLSFSD2W-750LM-2700K

**CANDELA DISTRIBUTION (continued):**

	247.5°	270°	292.5°	315°	337.5°	360°
0°	279.1	279.1	279.1	279.1	279.1	279.1
0.5°	279.1	279.1	279.1	278.4	278.9	279.9
1°	278.8	278.8	278.8	278.4	278.8	279.8
1.5°	279.0	278.7	279.0	278.7	278.8	279.5
2°	279.0	278.4	279.0	278.4	279.0	279.4
2.5°	279.1	278.7	279.1	278.1	278.6	279.0
3°	278.8	278.7	278.8	278.3	278.6	279.0
3.5°	278.4	278.6	278.4	278.0	278.4	279.1
4°	278.2	278.4	278.2	277.8	278.3	278.4
4.5°	278.0	278.1	278.0	277.7	277.9	278.2
5°	277.8	278.1	277.8	277.1	277.7	278.4
5.5°	277.7	278.0	277.7	276.9	277.4	278.3
6°	277.3	277.6	277.3	276.6	277.1	278.1
6.5°	276.7	277.5	276.7	276.3	276.9	277.4
7°	276.6	276.9	276.6	276.0	276.9	277.0
7.5°	276.2	276.3	276.2	275.9	276.6	276.5
8°	275.7	276.1	275.7	275.7	276.1	276.4
8.5°	275.4	276.0	275.4	275.3	275.6	276.0
9°	274.9	275.4	274.9	274.9	275.3	275.7
9.5°	274.6	275.0	274.6	274.0	274.8	275.3
10°	274.4	274.7	274.4	273.8	274.5	275.0
10.5°	273.7	274.1	273.7	273.0	273.8	273.6
11°	273.3	273.6	273.3	272.6	273.2	273.5
11.5°	272.7	273.2	272.7	272.2	273.1	272.9
12°	272.3	272.0	272.3	271.7	272.4	272.4
12.5°	271.4	271.6	271.4	270.8	271.9	271.6
13°	271.1	271.2	271.1	270.5	271.2	271.5
13.5°	270.6	270.6	270.6	269.9	270.9	270.9
14°	269.7	269.9	269.7	268.8	269.7	270.6
14.5°	269.2	269.3	269.2	268.4	269.4	269.7
15°	268.8	268.8	268.8	267.9	268.2	269.1
15.5°	268.0	267.5	268.0	267.2	267.5	268.4
16°	267.1	266.7	267.1	266.4	266.7	267.3
16.5°	266.2	265.8	266.2	265.8	266.1	266.9
17°	265.2	265.3	265.2	265.1	265.4	266.1
17.5°	264.7	264.7	264.7	264.5	264.6	265.0
18°	263.8	264.3	263.8	263.6	264.0	264.4
18.5°	263.0	263.4	263.0	262.3	262.9	264.1
19°	262.3	262.0	262.3	261.7	262.4	262.8
19.5°	261.6	261.2	261.6	261.0	261.3	261.6
20°	260.4	260.2	260.4	260.2	260.3	261.0
20.5°	259.4	259.4	259.4	259.2	259.3	260.6
21°	258.6	258.9	258.6	258.2	258.3	259.1



TEST NUMBER: P938631  
 CATALOG NUMBER: SMX6RLSFSD2W-750LM-2700K

**CANDELA DISTRIBUTION (continued):**

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	256.0	255.8	256.0	255.3	255.9	256.3
23°	254.8	254.4	254.8	254.5	254.5	255.3
23.5°	253.6	253.5	253.6	253.1	253.6	254.3
24°	252.6	252.5	252.6	252.2	252.7	253.6
24.5°	251.4	251.8	251.4	250.8	251.9	252.2
25°	250.1	250.6	250.1	249.8	250.4	251.1
25.5°	249.1	249.1	249.1	248.7	249.5	250.3
26°	247.9	248.0	247.9	247.6	248.1	248.5
26.5°	246.7	246.6	246.7	246.8	247.2	247.6
27°	245.5	245.6	245.5	244.9	245.7	246.5
27.5°	244.7	244.3	244.7	243.9	244.2	245.0
28°	243.6	243.3	243.6	242.7	243.4	244.1
28.5°	241.9	241.7	241.9	241.8	242.3	242.4
29°	240.9	241.0	240.9	240.5	241.2	241.3
29.5°	239.8	239.9	239.8	239.2	239.7	239.8
30°	238.5	238.4	238.5	237.6	238.7	238.8
30.5°	237.3	236.8	237.3	236.2	237.1	237.5
31°	235.7	235.7	235.7	235.0	235.8	236.2
31.5°	234.4	234.5	234.4	233.7	234.3	235.0
32°	232.8	232.7	232.8	232.4	232.9	233.4
32.5°	231.4	231.3	231.4	231.1	231.7	232.0
33°	230.0	229.9	230.0	229.9	230.3	230.4
33.5°	228.5	228.9	228.5	228.7	228.8	228.8
34°	227.2	227.6	227.2	227.1	227.2	227.7
34.5°	225.9	225.8	225.9	225.4	225.6	226.5
35°	224.3	224.1	224.3	224.0	224.0	225.0
35.5°	222.5	223.1	222.5	222.3	222.5	223.3
36°	220.9	220.9	220.9	220.8	221.3	221.8
36.5°	219.7	219.2	219.7	219.2	219.5	220.1
37°	218.0	217.9	218.0	217.6	218.0	218.4
37.5°	216.1	216.8	216.1	216.4	216.5	217.0
38°	214.6	215.0	214.6	214.7	214.7	215.7
38.5°	213.3	213.3	213.3	213.0	213.6	213.9
39°	211.6	211.2	211.6	211.4	211.7	212.0
39.5°	209.9	210.2	209.9	209.9	210.2	210.0
40°	208.2	208.3	208.2	208.2	208.3	209.1
40.5°	206.4	206.6	206.4	206.6	206.6	207.0
41°	204.8	204.5	204.8	204.9	204.9	205.2
41.5°	203.0	203.3	203.0	203.2	203.2	203.8
42°	201.2	201.2	201.2	201.5	201.5	202.0
42.5°	199.6	199.7	199.6	199.7	199.7	200.0
43°	197.9	197.8	197.9	197.8	197.7	198.2
43.5°	196.2	195.9	196.2	196.0	195.7	196.2

TEST NUMBER: P938631

CATALOG NUMBER: SMX6RLSFSD2W-750LM-2700K

**CANDELA DISTRIBUTION (continued):**

	247.5°	270°	292.5°	315°	337.5°	360°
45°	190.5	191.1	190.5	190.3	190.8	191.1
45.5°	188.8	188.9	188.8	188.4	188.8	189.6
46°	187.0	187.1	187.0	186.6	187.1	187.5
46.5°	185.2	185.0	185.2	185.0	185.2	185.5
47°	183.1	182.9	183.1	183.1	183.1	183.6
47.5°	181.0	181.2	181.0	181.0	181.3	181.7
48°	179.5	179.6	179.5	179.0	179.5	179.6
48.5°	177.5	177.5	177.5	177.3	177.6	177.7
49°	175.5	175.3	175.5	175.0	175.5	175.9
49.5°	173.6	173.2	173.6	172.8	173.6	174.0
50°	171.6	171.5	171.6	171.0	171.6	172.1
50.5°	169.4	169.5	169.4	169.2	169.6	169.9
51°	167.4	167.7	167.4	167.1	167.5	167.8
51.5°	165.3	165.5	165.3	165.0	165.4	166.0
52°	163.3	163.4	163.3	163.0	163.3	163.9
52.5°	161.3	161.7	161.3	161.0	161.3	161.7
53°	159.3	159.8	159.3	159.0	159.2	159.5
53.5°	157.2	157.5	157.2	157.1	157.1	157.3
54°	155.1	155.2	155.1	155.1	155.0	155.4
54.5°	152.9	153.0	152.9	152.8	152.9	153.4
55°	150.7	150.9	150.7	150.6	150.9	151.3
55.5°	148.4	148.8	148.4	148.4	148.6	149.2
56°	146.3	146.7	146.3	146.2	146.5	146.9
56.5°	144.1	144.6	144.1	144.1	144.3	144.9
57°	142.1	142.1	142.1	141.9	142.0	142.5
57.5°	140.0	139.9	140.0	139.6	139.7	140.3
58°	137.8	137.8	137.8	137.4	137.7	138.1
58.5°	135.7	135.7	135.7	135.3	135.4	136.0
59°	133.4	133.3	133.4	133.0	133.3	133.8
59.5°	131.0	131.2	131.0	130.8	130.9	131.5
60°	128.6	129.0	128.6	128.4	128.7	129.2
60.5°	126.3	126.8	126.3	126.1	126.5	126.6
61°	123.9	124.5	123.9	123.9	124.2	124.3
61.5°	121.6	122.1	121.6	121.5	121.7	122.0
62°	119.3	119.7	119.3	119.2	119.6	119.8
62.5°	117.0	117.1	117.0	116.9	117.1	117.4
63°	114.8	114.7	114.8	114.5	114.7	115.1
63.5°	112.4	112.4	112.4	112.1	112.3	112.6
64°	110.1	110.1	110.1	109.8	110.1	109.9
64.5°	107.7	107.7	107.7	107.4	107.5	107.5
65°	105.3	105.3	105.3	105.1	105.0	105.3
65.5°	102.8	102.9	102.8	102.6	102.7	103.0
66°	100.3	100.5	100.3	100.2	100.5	100.7



TEST NUMBER: P938631  
 CATALOG NUMBER: SMX6RLSFSD2W-750LM-2700K

**CANDELA DISTRIBUTION (continued):**

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	93.1	92.9	93.1	92.8	92.9	93.2
68°	90.6	90.5	90.6	90.4	90.5	90.8
68.5°	88.1	88.0	88.1	88.0	88.1	88.3
69°	85.5	85.7	85.5	85.5	85.7	85.7
69.5°	83.2	83.2	83.2	83.0	83.2	83.5
70°	80.6	80.8	80.6	80.5	80.8	81.1
70.5°	78.4	78.4	78.4	78.1	78.2	78.7
71°	75.8	75.8	75.8	75.5	75.8	76.1
71.5°	73.4	73.3	73.4	73.1	73.3	73.4
72°	71.0	70.8	71.0	70.7	70.7	71.0
72.5°	68.5	68.5	68.5	68.2	68.2	68.5
73°	66.0	65.9	66.0	65.6	65.6	65.8
73.5°	63.5	63.4	63.5	63.2	63.4	63.2
74°	60.9	61.0	60.9	60.7	60.8	60.8
74.5°	58.5	58.5	58.5	58.3	58.3	58.5
75°	55.9	56.1	55.9	55.7	55.8	56.0
75.5°	53.6	53.5	53.6	53.3	53.4	53.4
76°	51.0	51.2	51.0	50.9	50.9	50.9
76.5°	48.7	48.8	48.7	48.5	48.5	48.5
77°	46.3	46.4	46.3	46.1	46.0	46.1
77.5°	44.0	44.0	44.0	43.7	43.5	43.7
78°	41.7	41.8	41.7	41.4	41.3	41.4
78.5°	39.2	39.4	39.2	39.0	38.9	39.0
79°	37.0	37.0	37.0	36.7	36.6	36.7
79.5°	34.6	34.7	34.6	34.5	34.3	34.3
80°	32.4	32.4	32.4	32.2	32.1	32.1
80.5°	30.1	30.1	30.1	29.9	29.8	29.8
81°	28.0	28.0	28.0	27.8	27.7	27.7
81.5°	25.8	26.0	25.8	25.6	25.4	25.5
82°	23.8	23.9	23.8	23.5	23.3	23.2
82.5°	21.9	21.9	21.9	21.5	21.2	21.1
83°	19.9	20.1	19.9	19.5	19.2	19.0
83.5°	18.1	18.3	18.1	17.6	17.2	17.0
84°	16.2	16.5	16.2	15.8	15.4	15.2
84.5°	14.5	14.8	14.5	14.0	13.5	13.7
85°	12.8	13.1	12.8	12.3	12.0	11.8
85.5°	11.2	11.6	11.2	10.7	10.3	10.1
86°	9.8	10.3	9.8	9.3	8.8	8.6
86.5°	8.4	8.9	8.4	7.9	7.4	7.3
87°	7.3	7.8	7.3	6.7	6.1	5.9
87.5°	6.2	6.7	6.2	5.6	5.0	4.7
88°	5.2	5.8	5.2	4.6	4.0	3.8
88.5°	4.4	4.9	4.4	3.7	3.0	2.8



TEST NUMBER: P938631  
CATALOG NUMBER: SMX6RLSFSD2W-750LM-2700K

**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°	258.6	257.7	257.2	257.9	257.4	257.9	257.2	257.7	258.6	257.7	257.2
22°	257.7	256.6	256.5	256.8	256.2	256.8	256.5	256.6	257.7	256.6	256.5



44°	194.5	194.2	194.2	194.3	194.5	194.3	194.2	194.2	194.5	194.2	194.2
44.5°	192.7	192.5	192.3	192.5	192.9	192.5	192.3	192.5	192.7	192.5	192.3



66.5°	98.2	98.0	97.7	97.9	98.0	97.9	97.7	98.0	98.2	98.0	97.7
67°	95.8	95.4	95.3	95.5	95.4	95.5	95.3	95.4	95.8	95.4	95.3



89°	2.1	2.3	3.0	3.6	4.1	3.6	3.0	2.3	2.1	2.3	3.0
89.5°	1.5	1.8	2.3	2.9	3.5	2.9	2.3	1.8	1.5	1.8	2.3



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21.5°	257.9	257.4	257.9	257.2	257.7	258.6
22°	256.8	256.2	256.8	256.5	256.6	257.7



44°	194.3	194.5	194.3	194.2	194.2	194.5
44.5°	192.5	192.9	192.5	192.3	192.5	192.7

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66.5°	97.9	98.0	97.9	97.7	98.0	98.2
67°	95.5	95.4	95.5	95.3	95.4	95.8



89°	3.6	4.1	3.6	3.0	2.3	2.1
89.5°	2.9	3.5	2.9	2.3	1.8	1.5

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(END OF REPORT)