

Scaled data based on original data using

LM-41-14 Approved Method for Photometric Testing Of Indoor Fluorescent Luminaires

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: HALO

Report Number: P997171

Luminaire Tested: **SMX4SLSFSD2W-650LM-2700K**

Issue Date: 3/11/2025

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

**Test Information**

Test Method: LM-41-14
Report Number: P997171
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (A2410456A001)
Test Lab:
Issue Date: 3/11/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: HALO
Catalog Number: SMX4SLSFSD2W-650LM-2700K
Description: 4IN SQAURE, 90CRI, DIMMING TO 10%, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 2700K CCT
Ballast/Driver: -

Summary

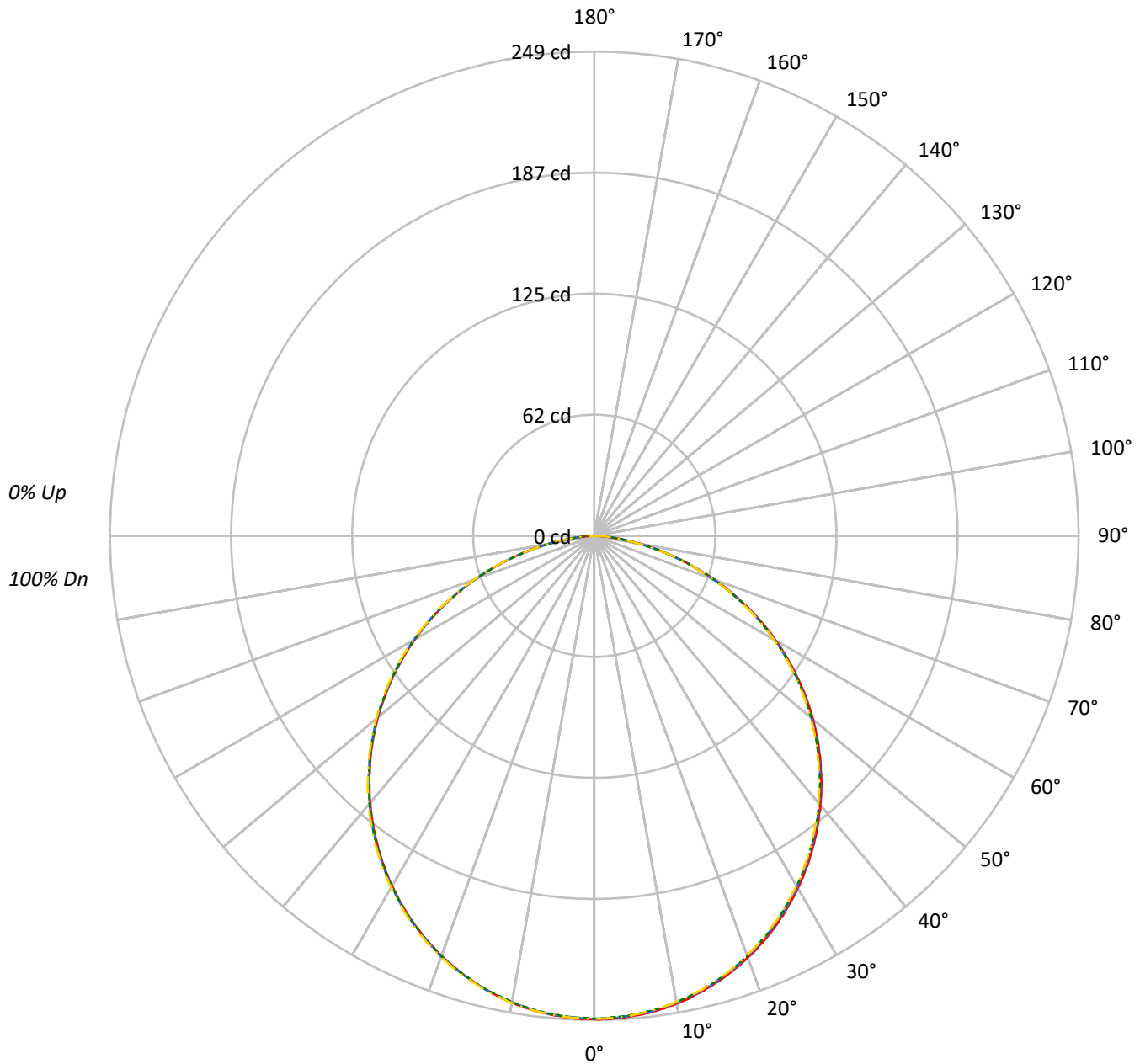
Lumens per Lamp: N/A
Luminaire Lumens: 694.7 lumens
Efficiency: N/A
Efficacy: 100.7 lumens/watt
Spacing Criteria (0/90/45): 1.25 / 1.25 / 1.37
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
CIE Type: Direct

Input Watts (W): 6.9
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: 25 FT

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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					0
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	100	96	106	102	98	95	98	95	92	94	91	89	90	88	86	84		
2	99	91	84	78	96	89	83	77	85	80	76	82	78	74	79	76	72	70		
3	90	80	72	65	88	78	71	65	75	69	63	72	67	62	70	65	61	59		
4	83	71	62	55	80	69	61	55	67	60	54	64	58	53	62	57	53	50		
5	76	63	54	48	74	62	54	47	60	52	47	58	51	46	56	50	46	44		
6	70	57	48	41	68	56	47	41	54	47	41	52	46	41	51	45	40	38		
7	65	52	43	37	63	51	42	36	49	42	36	48	41	36	46	40	36	34		
8	61	47	38	33	59	46	38	33	45	38	32	44	37	32	43	36	32	30		
9	57	43	35	29	55	43	35	29	41	34	29	40	34	29	39	33	29	27		
10	53	40	32	27	52	39	32	27	38	31	26	37	31	26	36	30	26	24		

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	24552	24552	24552	24552
5°	24567	24527	24547	24517
10°	24510	24439	24459	24439
15°	24405	24334	24344	24334
20°	24277	24193	24172	24193
25°	24102	23982	23971	23993
30°	23877	23763	23728	23763
35°	23614	23493	23457	23493
40°	23329	23199	23122	23174
45°	22980	22827	22771	22827
50°	22558	22404	22328	22389
55°	22023	21868	21782	21834
60°	21310	21152	21073	21113
65°	20348	20184	20090	20114
70°	18929	18785	18669	18698
75°	16803	16689	16574	16536
80°	13490	13433	13320	13263
85°	8619	8506	8619	8165

Classified

Scaled Data Report

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.5	3.4
10°-20°	67.2	9.7
20°-30°	101.5	14.6
30°-40°	121.9	17.5
40°-50°	126.1	18.1
50°-60°	113.4	16.3
60°-70°	85.3	12.3
70°-80°	46.2	6.6
80°-90°	9.8	1.4
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°	192.1	27.7
0°-40°	314.0	45.2
0°-60°	553.5	79.7
0°-90°	694.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	694.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	248	248	248	248	248	
5°	248	247	247	247	248	24
15°	238	238	238	238	238	67
25°	221	220	220	220	221	102
35°	196	195	194	195	196	122
45°	164	163	163	163	164	127
55°	128	127	126	127	128	114
65°	87	86	86	86	87	86
75°	44	44	43	43	44	47
85°	8	8	8	7	8	10
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°	248.4	248.4	248.4	248.4	248.4	248.4	248.4	248.4	248.4	248.4	248.4
0.5°	248.9	248.6	248.4	248.3	248.1	248.2	248.5	248.5	248.6	248.6	248.5
1°	248.6	248.7	248.2	248.4	248.2	248.1	248.3	248.5	248.5	248.6	248.3
1.5°	248.7	248.4	248.5	248.2	248.1	248.1	248.4	248.3	248.7	248.4	248.2
2°	248.6	248.6	248.2	248.2	247.8	248.1	248.1	248.2	248.4	248.5	248.2
2.5°	248.4	248.3	248.1	247.7	247.9	247.8	248.1	248.0	248.5	248.3	247.9
3°	248.5	248.2	248.0	248.0	247.7	247.9	247.9	247.9	248.1	248.2	247.9
3.5°	248.4	248.3	247.8	247.7	247.6	247.6	247.8	247.9	248.1	248.1	247.8
4°	247.9	248.0	247.7	247.5	247.5	247.4	247.5	247.5	247.7	247.8	247.6
4.5°	247.8	247.8	247.5	247.3	247.1	247.2	247.4	247.4	247.7	247.6	247.4
5°	247.6	247.5	247.3	247.1	247.2	247.1	247.0	247.2	247.4	247.4	247.2
5.5°	247.5	247.4	247.0	246.9	246.7	246.7	247.0	246.7	247.1	247.2	246.9
6°	247.2	247.2	246.8	246.7	246.4	246.5	246.5	246.7	246.8	247.0	246.7
6.5°	247.0	246.7	246.4	246.2	246.1	246.1	246.5	246.2	246.7	246.6	246.3
7°	246.5	246.5	246.2	245.9	246.0	245.9	245.8	246.1	246.2	246.3	246.1
7.5°	246.4	246.2	245.8	245.5	245.6	245.4	245.7	245.6	245.9	245.8	245.8
8°	245.9	245.8	245.6	245.3	245.1	245.3	245.3	245.3	245.5	245.7	245.3
8.5°	245.7	245.4	245.0	244.7	244.9	244.5	244.7	244.8	245.1	245.0	245.0
9°	245.0	245.0	244.7	244.6	244.3	244.4	244.4	244.5	244.6	245.0	244.4
9.5°	244.8	244.6	244.2	243.9	244.0	243.9	244.1	243.9	244.3	244.2	244.1
10°	244.2	244.2	243.8	243.5	243.5	243.4	243.3	243.5	243.7	243.8	243.6
10.5°	243.9	243.6	243.3	242.9	243.0	242.9	243.2	242.9	243.3	243.4	243.3
11°	243.3	243.3	242.8	242.7	242.5	242.6	242.2	242.6	242.7	242.8	242.6
11.5°	243.0	242.7	242.3	242.1	242.0	241.9	242.0	241.9	242.3	242.4	242.2
12°	242.3	242.1	241.6	241.5	241.4	241.4	241.4	241.4	241.6	241.6	241.5
12.5°	241.6	241.6	241.3	240.9	240.8	240.8	240.8	240.8	241.1	241.1	241.1
13°	241.2	240.9	240.7	240.3	240.4	240.2	240.3	240.2	240.4	240.5	240.5
13.5°	240.7	240.3	240.0	239.6	239.8	239.5	239.8	239.6	239.9	240.0	239.9
14°	239.8	239.8	239.4	239.2	239.1	239.1	238.8	239.0	239.2	239.3	239.2
14.5°	239.5	239.0	238.9	238.3	238.4	238.3	238.5	238.3	238.5	238.6	238.5
15°	238.5	238.6	238.1	237.8	237.8	237.7	237.6	237.6	237.9	238.1	238.0
15.5°	237.9	237.6	237.3	236.9	236.9	236.9	237.0	237.0	237.1	237.2	237.2
16°	237.3	237.2	236.7	236.5	236.5	236.4	236.1	236.1	236.3	236.6	236.5
16.5°	236.6	236.2	235.9	235.5	235.5	235.4	235.5	235.4	235.7	235.9	235.8
17°	235.7	235.6	235.2	234.9	235.0	234.8	234.8	234.7	234.9	235.0	235.0
17.5°	235.0	234.9	234.4	233.9	234.1	233.9	234.0	233.7	234.1	234.2	234.2
18°	234.1	234.0	233.7	233.3	233.3	233.1	233.1	233.1	233.3	233.4	233.4
18.5°	233.5	233.1	232.7	232.3	232.4	232.3	232.4	232.1	232.4	232.7	232.6
19°	232.5	232.5	231.9	231.6	231.6	231.5	231.3	231.6	231.7	231.8	231.8
19.5°	231.7	231.3	231.1	230.6	230.8	230.6	230.7	230.4	230.7	230.8	231.0
20°	230.8	230.7	230.2	230.0	230.0	229.8	229.7	229.6	229.8	230.1	230.1
20.5°	230.0	229.7	229.2	228.9	228.8	228.8	228.7	228.6	229.0	229.2	229.2
21°	229.1	228.8	228.4	227.9	228.0	227.9	227.9	227.7	228.0	228.2	228.2

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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°	226.3	225.9	225.5	225.1	225.1	225.0	224.9	224.8	225.1	225.2	225.3
23°	225.2	224.9	224.6	224.0	224.2	224.0	223.8	223.8	224.1	224.3	224.4
23.5°	224.2	223.9	223.5	223.1	223.1	222.9	222.9	222.8	223.0	223.2	223.3
24°	223.2	222.9	222.4	222.1	222.2	221.9	221.8	221.7	221.9	222.2	222.3
24.5°	222.1	221.9	221.4	220.8	221.0	220.7	220.7	220.8	221.0	221.1	221.3
25°	221.0	220.7	220.3	220.0	219.9	219.7	219.6	219.6	219.8	220.0	220.1
25.5°	220.0	219.6	219.2	218.6	218.8	218.5	218.7	218.5	218.7	218.9	219.0
26°	218.7	218.6	218.2	217.7	217.9	217.4	217.4	217.4	217.6	217.7	218.0
26.5°	217.8	217.5	217.0	216.4	216.5	216.4	216.4	216.3	216.4	216.6	216.8
27°	216.5	216.3	215.8	215.3	215.4	215.3	215.1	215.0	215.3	215.5	215.6
27.5°	215.4	215.0	214.6	214.2	214.2	213.9	214.1	213.9	214.1	214.3	214.6
28°	214.1	213.9	213.4	212.9	213.1	213.0	212.7	212.6	212.9	213.0	213.3
28.5°	213.0	212.7	212.1	211.8	211.9	211.5	211.6	211.5	211.7	211.9	212.1
29°	211.8	211.5	211.0	210.5	210.6	210.4	210.3	210.3	210.4	210.7	210.8
29.5°	210.6	210.2	209.8	209.3	209.4	209.2	209.1	209.0	209.2	209.4	209.8
30°	209.2	208.9	208.6	208.0	208.2	208.0	207.9	207.8	207.9	208.2	208.3
30.5°	208.1	207.7	207.2	206.7	206.8	206.5	206.7	206.3	206.6	206.8	207.1
31°	206.6	206.4	206.0	205.4	205.6	205.4	205.3	205.1	205.4	205.7	205.7
31.5°	205.6	205.1	204.6	204.1	204.2	204.0	204.0	203.9	204.0	204.2	204.5
32°	204.0	203.8	203.3	202.8	203.0	202.6	202.5	202.5	202.7	203.1	203.2
32.5°	202.8	202.5	202.0	201.5	201.5	201.3	201.3	201.2	201.3	201.6	201.8
33°	201.5	201.0	200.7	200.0	200.3	200.0	199.9	199.7	200.0	200.3	200.5
33.5°	200.1	199.8	199.2	198.7	198.9	198.6	198.6	198.4	198.6	198.8	199.0
34°	198.6	198.4	197.8	197.2	197.6	197.2	197.2	197.0	197.1	197.4	197.7
34.5°	197.3	196.9	196.6	195.9	195.9	195.8	195.7	195.6	195.8	196.1	196.3
35°	195.7	195.6	195.0	194.5	194.7	194.4	194.3	194.3	194.4	194.6	194.8
35.5°	194.5	194.1	193.6	193.0	193.3	192.9	192.9	192.7	192.9	193.0	193.5
36°	192.9	192.7	192.1	191.6	191.9	191.6	191.4	191.3	191.5	191.8	191.9
36.5°	191.6	191.2	190.7	190.1	190.3	190.0	190.0	189.8	190.0	190.2	190.6
37°	190.0	189.8	189.2	188.7	189.0	188.6	188.5	188.3	188.6	188.9	189.0
37.5°	188.5	188.1	187.7	187.1	187.3	187.0	187.0	186.8	186.9	187.2	187.5
38°	187.0	186.8	186.1	185.7	186.0	185.7	185.6	185.3	185.5	185.9	186.1
38.5°	185.5	185.2	184.6	184.1	184.3	184.0	183.8	183.8	183.9	184.2	184.4
39°	183.8	183.7	183.1	182.6	182.9	182.5	182.4	182.4	182.4	182.7	183.1
39.5°	182.6	182.0	181.6	181.0	181.3	180.9	180.8	180.7	180.9	181.1	181.4
40°	180.8	180.6	179.9	179.4	179.8	179.4	179.2	179.1	179.2	179.6	179.9
40.5°	179.3	178.9	178.4	177.8	178.0	177.8	177.6	177.5	177.8	178.0	178.3
41°	177.7	177.4	176.7	176.3	176.6	176.2	176.1	176.0	176.1	176.4	176.7
41.5°	176.1	175.7	175.2	174.5	174.8	174.5	174.4	174.3	174.5	174.8	175.1
42°	174.4	174.3	173.6	173.1	173.4	173.0	172.9	172.7	172.8	173.1	173.5
42.5°	172.9	172.5	171.9	171.3	171.7	171.2	171.1	171.1	171.3	171.5	171.8
43°	171.1	170.8	170.3	169.8	170.0	169.7	169.6	169.5	169.7	169.9	170.3
43.5°	169.6	169.2	168.6	168.0	168.4	168.1	167.9	167.7	167.8	168.2	168.5

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	164.4	164.2	163.5	162.9	163.3	163.0	162.7	162.7	162.9	163.1	163.4
45.5°	162.8	162.3	161.8	161.2	161.6	161.1	161.0	161.1	161.0	161.5	161.8
46°	161.0	160.8	160.1	159.6	160.0	159.5	159.4	159.3	159.5	159.7	160.0
46.5°	159.3	158.9	158.3	157.7	158.1	157.8	157.6	157.5	157.7	158.0	158.3
47°	157.5	157.2	156.5	156.1	156.4	156.0	155.9	155.8	155.9	156.1	156.6
47.5°	155.8	155.4	154.9	154.2	154.7	154.2	154.0	154.0	154.1	154.4	154.7
48°	154.0	153.6	153.0	152.5	152.9	152.5	152.4	152.2	152.4	152.7	153.0
48.5°	152.2	151.9	151.3	150.7	151.1	150.6	150.5	150.5	150.6	150.8	151.2
49°	150.4	150.1	149.6	148.9	149.4	148.9	148.8	148.6	148.8	149.1	149.4
49.5°	148.6	148.3	147.6	147.1	147.4	147.1	147.0	146.9	146.9	147.2	147.6
50°	146.7	146.3	145.9	145.2	145.7	145.4	145.2	145.0	145.2	145.4	145.8
50.5°	145.0	144.7	144.0	143.4	143.7	143.3	143.2	143.3	143.3	143.6	144.0
51°	143.0	142.8	142.2	141.6	142.0	141.6	141.5	141.3	141.6	141.7	142.0
51.5°	141.2	140.9	140.2	139.6	140.0	139.8	139.5	139.6	139.6	139.9	140.3
52°	139.3	139.0	138.6	137.9	138.4	137.9	137.8	137.7	137.8	138.0	138.4
52.5°	137.5	137.1	136.5	135.9	136.3	136.1	135.7	135.8	135.8	136.2	136.6
53°	135.5	135.2	134.7	134.1	134.5	134.2	134.0	133.9	134.0	134.3	134.7
53.5°	133.6	133.3	132.7	132.0	132.6	132.2	132.0	132.0	132.1	132.3	132.7
54°	131.7	131.4	130.9	130.3	130.7	130.3	130.3	130.1	130.2	130.5	130.8
54.5°	129.8	129.5	128.8	128.1	128.7	128.3	128.2	128.2	128.2	128.5	128.9
55°	127.8	127.5	127.0	126.5	126.9	126.5	126.3	126.3	126.4	126.7	127.0
55.5°	125.9	125.6	125.0	124.3	124.8	124.5	124.4	124.2	124.3	124.8	125.0
56°	123.9	123.7	123.0	122.6	123.0	122.6	122.4	122.4	122.6	122.6	123.0
56.5°	122.0	121.7	121.1	120.4	121.0	120.7	120.4	120.4	120.4	120.8	121.2
57°	119.9	119.7	119.1	118.6	119.0	118.6	118.5	118.5	118.4	118.7	119.2
57.5°	117.9	117.7	117.1	116.5	117.0	116.7	116.4	116.4	116.5	116.9	117.2
58°	116.0	115.7	115.1	114.6	115.1	114.7	114.6	114.4	114.5	114.8	115.2
58.5°	113.9	113.6	113.1	112.5	113.0	112.7	112.5	112.5	112.6	112.8	113.3
59°	111.9	111.7	111.1	110.5	111.1	110.7	110.6	110.5	110.6	110.8	111.2
59.5°	109.9	109.6	109.1	108.5	109.0	108.7	108.5	108.4	108.4	108.8	109.2
60°	107.8	107.6	107.0	106.5	107.0	106.5	106.5	106.4	106.6	106.7	107.1
60.5°	105.8	105.5	105.0	104.4	105.0	104.6	104.5	104.4	104.4	104.8	105.1
61°	103.8	103.5	102.9	102.3	102.9	102.5	102.4	102.4	102.4	102.7	103.0
61.5°	101.7	101.5	100.8	100.3	100.8	100.6	100.4	100.3	100.4	100.7	101.1
62°	99.6	99.3	98.8	98.2	98.8	98.4	98.4	98.3	98.4	98.5	98.8
62.5°	97.5	97.2	96.7	96.2	96.7	96.4	96.2	96.1	96.2	96.6	96.9
63°	95.4	95.1	94.6	94.1	94.6	94.3	94.2	94.1	94.2	94.4	94.8
63.5°	93.3	93.1	92.5	92.0	92.5	92.2	92.1	91.9	92.0	92.3	92.7
64°	91.2	90.9	90.4	89.9	90.5	90.1	90.1	90.0	90.1	90.2	90.6
64.5°	89.1	88.9	88.3	87.7	88.4	88.0	87.9	87.7	87.9	88.2	88.6
65°	87.0	86.7	86.2	85.7	86.3	86.0	85.8	85.8	85.9	86.0	86.4
65.5°	84.8	84.6	84.0	83.6	84.2	83.9	83.7	83.6	83.7	84.0	84.3
66°	82.7	82.4	81.9	81.4	82.1	81.7	81.6	81.5	81.6	81.8	82.2

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997171

CATALOG NUMBER: SMX4SLSFSD2W-650LM-2700K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	76.3	76.0	75.5	75.1	75.7	75.4	75.2	75.1	75.2	75.5	75.8
68°	74.1	73.9	73.3	73.0	73.5	73.2	73.1	73.0	73.1	73.3	73.6
68.5°	72.0	71.7	71.3	70.7	71.4	71.1	71.0	70.9	70.9	71.2	71.6
69°	69.8	69.6	69.0	68.6	69.2	69.0	68.9	68.8	68.8	69.0	69.4
69.5°	67.6	67.4	66.9	66.4	67.1	66.8	66.8	66.6	66.7	67.0	67.3
70°	65.5	65.2	64.7	64.4	65.0	64.7	64.6	64.5	64.6	64.7	65.1
70.5°	63.3	63.1	62.6	62.1	62.8	62.5	62.4	62.3	62.4	62.7	63.0
71°	61.2	60.9	60.5	60.0	60.7	60.4	60.4	60.3	60.3	60.5	60.9
71.5°	59.0	58.8	58.3	57.8	58.6	58.3	58.2	58.0	58.1	58.4	58.7
72°	56.8	56.6	56.2	55.8	56.5	56.2	56.2	56.1	56.1	56.3	56.6
72.5°	54.7	54.5	54.0	53.5	54.3	54.1	54.0	54.0	54.0	54.2	54.4
73°	52.6	52.3	51.8	51.5	52.2	51.9	51.9	51.8	51.9	52.0	52.3
73.5°	50.4	50.2	49.8	49.3	50.0	49.8	49.8	49.7	49.7	49.9	50.1
74°	48.2	48.0	47.6	47.2	47.9	47.7	47.7	47.6	47.6	47.8	48.0
74.5°	46.1	45.9	45.5	45.1	45.8	45.6	45.5	45.4	45.4	45.7	46.0
75°	44.0	43.8	43.4	43.0	43.7	43.5	43.4	43.3	43.4	43.6	43.8
75.5°	41.9	41.7	41.3	40.8	41.6	41.4	41.3	41.2	41.2	41.5	41.9
76°	39.7	39.6	39.2	38.8	39.5	39.3	39.3	39.1	39.2	39.4	39.7
76.5°	37.7	37.5	37.1	36.7	37.4	37.2	37.2	37.0	37.1	37.4	37.6
77°	35.6	35.4	35.1	34.7	35.4	35.2	35.2	35.1	35.1	35.3	35.5
77.5°	33.6	33.4	33.1	32.7	33.4	33.2	33.1	33.0	33.1	33.3	33.6
78°	31.6	31.4	31.0	30.7	31.4	31.2	31.2	31.1	31.1	31.3	31.6
78.5°	29.6	29.4	29.0	28.7	29.4	29.2	29.1	29.0	29.1	29.3	29.5
79°	27.6	27.4	27.1	26.8	27.4	27.2	27.2	27.2	27.2	27.3	27.6
79.5°	25.6	25.5	25.2	24.8	25.5	25.3	25.2	25.2	25.2	25.5	25.7
80°	23.7	23.6	23.3	23.0	23.6	23.5	23.4	23.4	23.4	23.5	23.7
80.5°	21.9	21.8	21.5	21.2	21.7	21.6	21.6	21.5	21.5	21.7	22.0
81°	20.2	20.0	19.8	19.5	20.0	19.8	19.7	19.7	19.7	19.9	20.1
81.5°	18.4	18.3	18.0	17.8	18.2	18.0	18.0	17.9	17.9	18.1	18.3
82°	16.7	16.5	16.3	16.0	16.5	16.3	16.3	16.2	16.2	16.4	16.6
82.5°	14.9	14.8	14.5	14.3	14.8	14.7	14.6	14.5	14.6	14.7	15.0
83°	13.3	13.2	12.9	12.7	13.2	13.0	13.0	13.0	13.0	13.1	13.3
83.5°	11.7	11.6	11.4	11.1	11.6	11.5	11.5	11.4	11.5	11.6	11.8
84°	10.3	10.2	9.9	9.7	10.2	10.0	10.0	10.0	10.0	10.1	10.3
84.5°	8.8	8.8	8.6	8.4	8.8	8.7	8.6	8.6	8.6	8.8	8.9
85°	7.6	7.4	7.2	7.1	7.5	7.7	7.5	7.5	7.6	7.5	7.6
85.5°	6.3	6.2	6.1	5.9	6.5	6.6	6.4	6.4	6.6	6.5	6.6
86°	5.2	5.1	5.0	4.8	5.5	5.6	5.3	5.3	5.5	5.5	5.6
86.5°	4.2	4.1	4.0	3.8	4.5	4.5	4.2	4.2	4.5	4.5	4.6
87°	3.3	3.2	3.1	3.0	3.5	3.5	3.2	3.1	3.5	3.5	3.6
87.5°	2.5	2.4	2.4	2.3	2.5	2.4	2.4	2.4	2.4	2.5	2.6
88°	2.0	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.9	2.0
88.5°	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.3	1.4	1.4	1.4

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

Scaled Data Report



TEST NUMBER: P997171
CATALOG NUMBER: SMX4SLSFSD2W-650LM-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

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997171

CATALOG NUMBER: SMX4SLSFSD2W-650LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	248.4	248.4	248.4	248.4	248.4	248.4
0.5°	248.2	248.0	248.2	248.4	248.5	248.9
1°	248.3	248.1	248.3	248.4	248.5	248.6
1.5°	248.2	248.0	248.0	248.4	248.4	248.7
2°	248.2	248.0	248.1	248.0	248.5	248.6
2.5°	248.0	247.8	247.9	248.3	248.3	248.4
3°	248.0	247.8	248.0	247.9	248.3	248.5
3.5°	247.8	247.4	247.6	247.9	247.9	248.4
4°	247.7	247.5	247.7	247.7	247.9	247.9
4.5°	247.3	247.0	247.2	247.5	247.7	247.8
5°	247.3	247.1	247.2	247.2	247.6	247.6
5.5°	246.9	246.8	246.7	247.1	247.1	247.5
6°	246.7	246.4	246.7	246.7	247.1	247.2
6.5°	246.4	246.2	246.3	246.6	246.7	247.0
7°	246.1	245.9	246.0	246.2	246.4	246.5
7.5°	245.7	245.4	245.7	245.9	246.0	246.4
8°	245.5	245.2	245.5	245.4	245.8	245.9
8.5°	245.1	244.8	244.8	245.4	245.2	245.7
9°	244.7	244.4	244.6	244.6	245.2	245.0
9.5°	244.1	243.9	244.0	244.4	244.4	244.8
10°	243.9	243.5	243.9	243.8	244.1	244.2
10.5°	243.3	242.8	243.1	243.6	243.7	243.9
11°	242.7	242.7	242.8	242.8	243.1	243.3
11.5°	242.4	241.8	242.2	242.4	242.8	243.0
12°	241.8	241.4	241.7	241.8	242.0	242.3
12.5°	241.3	240.8	241.0	241.5	241.6	241.6
13°	240.6	240.4	240.6	240.8	241.0	241.2
13.5°	240.1	239.7	239.8	240.2	240.4	240.7
14°	239.5	239.1	239.3	239.6	239.9	239.8
14.5°	238.8	238.4	238.5	238.9	239.1	239.5
15°	238.3	237.8	237.9	238.1	238.5	238.5
15.5°	237.4	237.1	237.2	237.6	237.8	237.9
16°	236.7	236.3	236.6	236.7	237.2	237.3
16.5°	235.9	235.7	235.8	236.3	236.3	236.6
17°	235.2	234.8	235.1	235.3	235.7	235.7
17.5°	234.5	234.0	234.2	234.6	234.8	235.0
18°	233.5	233.2	233.6	233.9	234.0	234.1
18.5°	232.9	232.5	232.7	233.0	233.4	233.5
19°	231.9	231.8	231.9	232.1	232.5	232.5
19.5°	231.2	230.7	231.0	231.4	231.7	231.7
20°	230.3	230.0	230.3	230.4	230.7	230.8
20.5°	229.2	229.0	229.1	229.7	229.9	230.0
21°	228.5	228.1	228.5	228.5	228.9	229.1

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997171

CATALOG NUMBER: SMX4SLSFSD2W-650LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	225.6	225.1	225.3	226.0	226.0	226.3
23°	224.5	224.2	224.7	224.7	225.2	225.2
23.5°	223.6	223.2	223.4	223.9	224.1	224.2
24°	222.5	222.2	222.4	222.8	223.1	223.2
24.5°	221.5	221.0	221.4	221.8	222.0	222.1
25°	220.4	220.0	220.3	220.6	221.0	221.0
25.5°	219.2	218.8	219.2	219.7	219.8	220.0
26°	218.2	217.8	218.2	218.4	218.8	218.7
26.5°	217.0	216.5	216.9	217.4	217.6	217.8
27°	215.9	215.5	215.8	216.2	216.5	216.5
27.5°	214.7	214.2	214.7	215.0	215.3	215.4
28°	213.5	213.1	213.4	213.8	214.1	214.1
28.5°	212.3	211.9	212.2	212.7	212.9	213.0
29°	211.2	210.7	211.1	211.4	211.9	211.8
29.5°	209.8	209.5	209.8	210.3	210.4	210.6
30°	208.6	208.2	208.6	208.8	209.4	209.2
30.5°	207.2	206.9	207.2	207.8	207.8	208.1
31°	206.2	205.7	206.0	206.3	207.0	206.6
31.5°	204.6	204.4	204.7	205.3	205.2	205.6
32°	203.6	202.9	203.4	203.8	204.0	204.0
32.5°	201.9	201.7	202.0	202.5	202.7	202.8
33°	200.8	200.3	200.7	201.1	201.4	201.5
33.5°	199.1	198.8	199.3	199.7	200.1	200.1
34°	198.1	197.6	198.0	198.3	198.7	198.6
34.5°	196.4	196.1	196.5	196.9	197.3	197.3
35°	195.2	194.7	195.1	195.5	195.9	195.7
35.5°	193.7	193.3	193.7	194.2	194.5	194.5
36°	192.4	191.9	192.2	192.6	193.0	192.9
36.5°	190.8	190.3	190.8	191.3	191.5	191.6
37°	189.4	188.9	189.3	189.7	190.0	190.0
37.5°	187.8	187.3	187.7	188.3	188.5	188.5
38°	186.4	185.9	186.3	186.7	187.1	187.0
38.5°	184.8	184.4	184.7	185.2	185.5	185.5
39°	183.4	182.7	183.3	183.6	184.1	183.8
39.5°	181.7	181.3	181.7	182.1	182.5	182.6
40°	180.3	179.6	180.1	180.6	180.9	180.8
40.5°	178.5	178.1	178.5	179.0	179.2	179.3
41°	177.1	176.5	177.0	177.3	177.7	177.7
41.5°	175.4	174.9	175.3	175.7	176.0	176.1
42°	173.8	173.3	173.7	174.1	174.5	174.4
42.5°	172.1	171.7	172.1	172.5	172.7	172.9
43°	170.6	170.1	170.5	170.8	171.3	171.1
43.5°	168.8	168.3	168.8	169.2	169.5	169.6

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997171

CATALOG NUMBER: SMX4SLSFSD2W-650LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	163.9	163.3	163.7	164.2	164.5	164.4
45.5°	162.1	161.6	162.0	162.3	162.7	162.8
46°	160.4	159.9	160.2	160.7	161.1	161.0
46.5°	158.6	158.0	158.5	158.8	159.3	159.3
47°	157.0	156.4	156.7	157.2	157.5	157.5
47.5°	155.1	154.7	155.1	155.4	155.7	155.8
48°	153.4	152.8	153.3	153.7	154.0	154.0
48.5°	151.5	151.0	151.4	151.9	152.2	152.2
49°	149.8	149.3	149.7	150.1	150.4	150.4
49.5°	147.8	147.5	147.9	148.2	148.5	148.6
50°	146.3	145.6	146.1	146.4	146.8	146.7
50.5°	144.3	143.8	144.2	144.5	144.9	145.0
51°	142.4	141.8	142.3	142.8	143.0	143.0
51.5°	140.6	140.0	140.5	140.8	141.2	141.2
52°	138.8	138.2	138.6	139.1	139.3	139.3
52.5°	136.9	136.3	136.7	137.1	137.5	137.5
53°	135.0	134.3	134.9	135.2	135.5	135.5
53.5°	133.1	132.5	132.9	133.3	133.7	133.6
54°	131.1	130.6	130.9	131.4	131.7	131.7
54.5°	129.3	128.7	129.1	129.5	129.9	129.8
55°	127.4	126.7	127.1	127.6	127.8	127.8
55.5°	125.4	124.9	125.2	125.5	125.8	125.9
56°	123.4	122.8	123.2	123.6	124.0	123.9
56.5°	121.5	120.9	121.3	121.6	121.9	122.0
57°	119.5	118.9	119.3	119.7	120.0	119.9
57.5°	117.5	116.9	117.2	117.6	117.9	117.9
58°	115.6	114.8	115.2	115.7	116.1	116.0
58.5°	113.6	112.9	113.3	113.7	114.0	113.9
59°	111.6	110.9	111.2	111.7	111.9	111.9
59.5°	109.4	108.9	109.3	109.6	109.9	109.9
60°	107.5	106.8	107.2	107.6	107.9	107.8
60.5°	105.5	104.9	105.2	105.5	105.8	105.8
61°	103.4	102.6	103.1	103.4	103.7	103.8
61.5°	101.3	100.7	101.1	101.4	101.7	101.7
62°	99.3	98.5	99.0	99.3	99.6	99.6
62.5°	97.2	96.6	97.0	97.2	97.5	97.5
63°	95.2	94.5	94.8	95.2	95.5	95.4
63.5°	93.0	92.4	92.8	93.0	93.4	93.3
64°	91.0	90.2	90.6	91.0	91.2	91.2
64.5°	88.8	88.1	88.6	88.8	89.1	89.1
65°	86.8	86.0	86.4	86.7	87.0	87.0
65.5°	84.7	84.0	84.3	84.6	84.9	84.8
66°	82.6	81.8	82.2	82.4	82.7	82.7

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997171

CATALOG NUMBER: SMX4SLSFSD2W-650LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	76.2	75.4	75.8	76.1	76.3	76.3
68°	74.0	73.3	73.6	73.9	74.1	74.1
68.5°	71.9	71.1	71.5	71.7	72.0	72.0
69°	69.8	68.9	69.3	69.5	69.8	69.8
69.5°	67.6	66.9	67.2	67.4	67.7	67.6
70°	65.5	64.7	65.0	65.3	65.4	65.5
70.5°	63.3	62.5	62.9	63.1	63.4	63.3
71°	61.2	60.4	60.7	60.9	61.1	61.2
71.5°	59.0	58.2	58.6	58.8	59.0	59.0
72°	57.0	56.1	56.4	56.7	56.8	56.8
72.5°	54.8	54.0	54.3	54.4	54.7	54.7
73°	52.7	51.8	52.1	52.3	52.5	52.6
73.5°	50.6	49.6	50.0	50.2	50.4	50.4
74°	48.5	47.5	47.8	48.1	48.2	48.2
74.5°	46.3	45.4	45.7	45.9	46.2	46.1
75°	44.2	43.3	43.6	43.8	44.0	44.0
75.5°	42.1	41.3	41.5	41.7	41.9	41.9
76°	40.0	39.1	39.4	39.6	39.8	39.7
76.5°	37.8	37.1	37.4	37.5	37.7	37.7
77°	35.8	35.0	35.2	35.5	35.7	35.6
77.5°	33.8	33.0	33.3	33.4	33.6	33.6
78°	31.8	31.0	31.2	31.4	31.6	31.6
78.5°	29.8	29.0	29.3	29.4	29.6	29.6
79°	27.8	27.1	27.3	27.4	27.6	27.6
79.5°	25.9	25.1	25.3	25.5	25.7	25.6
80°	24.0	23.3	23.4	23.6	23.8	23.7
80.5°	22.1	21.5	21.7	21.8	22.0	21.9
81°	20.3	19.8	19.9	20.1	20.2	20.2
81.5°	18.5	18.0	18.2	18.3	18.5	18.4
82°	16.8	16.3	16.4	16.5	16.7	16.7
82.5°	15.1	14.5	14.7	14.8	15.0	14.9
83°	13.5	12.9	13.1	13.1	13.3	13.3
83.5°	11.9	11.4	11.5	11.6	11.7	11.7
84°	10.4	9.9	10.1	10.1	10.3	10.3
84.5°	9.0	8.5	8.7	8.7	8.9	8.8
85°	7.7	7.2	7.4	7.4	7.6	7.6
85.5°	6.7	6.0	6.1	6.2	6.3	6.3
86°	5.7	4.9	5.0	5.1	5.2	5.2
86.5°	4.7	4.0	4.0	4.1	4.2	4.2
87°	3.7	3.1	3.1	3.2	3.3	3.3
87.5°	2.6	2.3	2.4	2.4	2.5	2.5
88°	2.0	1.9	1.9	2.0	2.0	2.0
88.5°	1.4	1.4	1.5	1.5	1.5	1.5

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Scaled Data Report



TEST NUMBER: P997171
CATALOG NUMBER: SMX4SLSFSD2W-650LM-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

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Scaled Data Report

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1121 Highway 74 South

Peachtree City, GA 30269



Report Generated By 670245859 / DESKTOP-T8S5UU9

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

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21.5°	228.2	227.8	227.3	227.0	227.0	226.8	226.9	226.8	227.0	227.2	227.4
22°	227.1	226.9	226.5	226.0	226.3	226.0	226.0	225.8	226.1	226.3	226.4



44°	167.7	167.7	167.0	166.4	166.7	166.4	166.1	166.2	166.2	166.5	166.8
44.5°	166.1	165.8	165.3	164.6	165.0	164.6	164.6	164.3	164.5	164.9	165.2



66.5°	80.5	80.4	79.8	79.3	79.9	79.6	79.4	79.4	79.4	79.7	80.1
67°	78.4	78.2	77.7	77.2	77.8	77.5	77.4	77.3	77.3	77.6	77.9

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89°	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0
89.5°	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.7	0.7	0.7

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21.5°	227.5	226.9	227.3	227.7	228.0	228.2
22°	226.5	226.3	226.6	226.7	227.1	227.1

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44°	167.3	166.6	167.0	167.5	167.9	167.7
44.5°	165.4	165.0	165.4	165.8	166.2	166.1

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66.5°	80.4	79.7	80.1	80.3	80.6	80.5
67°	78.3	77.5	77.9	78.1	78.4	78.4

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89°	1.0	1.0	1.0	1.0	1.0	1.0
89.5°	0.6	0.5	0.5	0.5	0.5	0.5

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(END OF REPORT)