

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: P997154

Luminaire Tested: **SMX4SLSFS010-1000LM-4000K**

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: P997154
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (A2410943A001)
Test Lab:
Issue Date: 3/11/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: HALO
Catalog Number: SMX4SLSFS010-1000LM-4000K
Description: 4IN SQAURE, 90CRI, 0-10V DIMMING, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 4000K CCT
Ballast/Driver: -

Summary

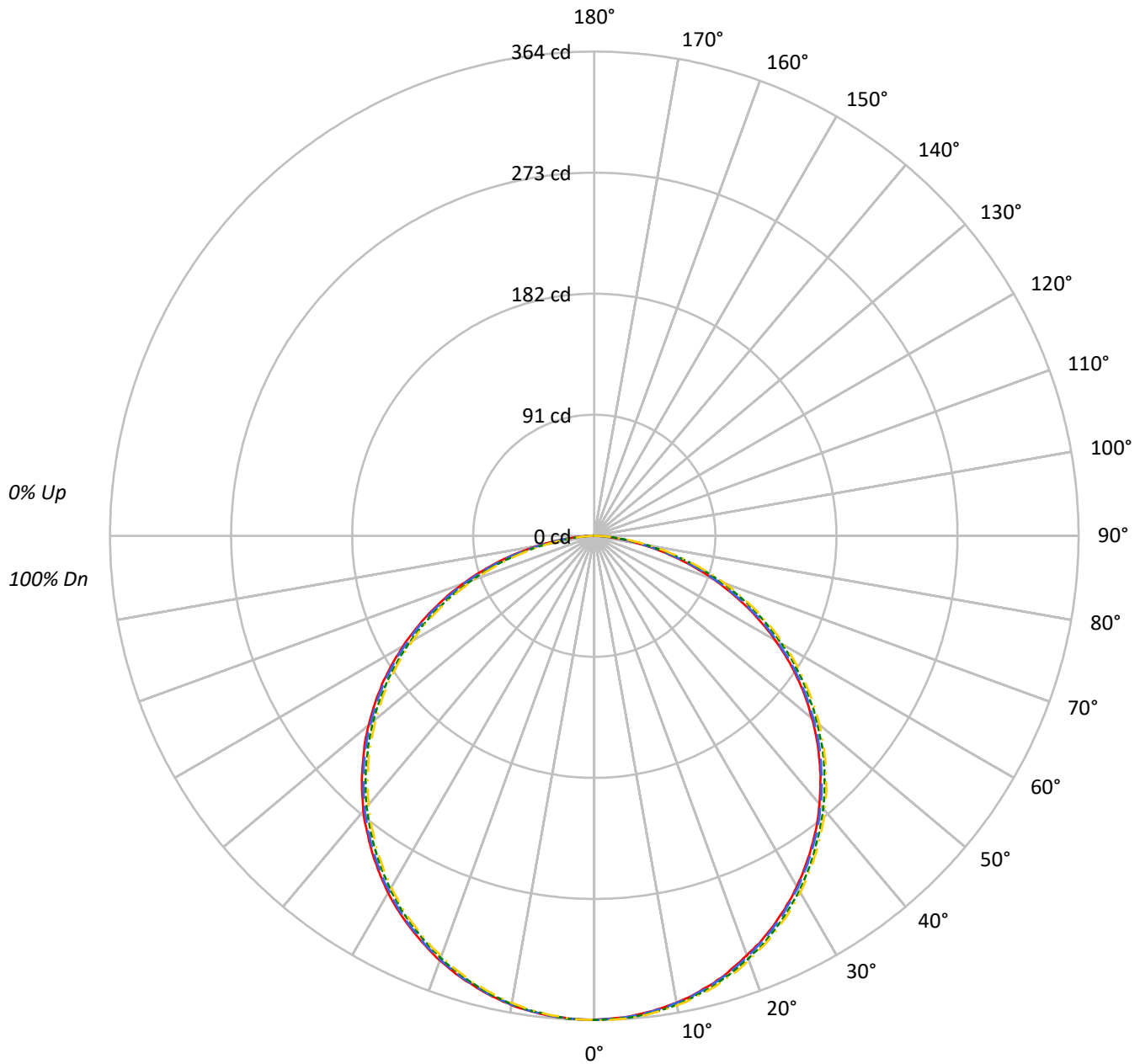
Lumens per Lamp: N/A
Luminaire Lumens: 1038.8 lumens
Efficiency: N/A
Efficacy: 91.9 lumens/watt
Spacing Criteria (0/90/45): 1.25 / 1.26 / 1.37
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
CIE Type: Direct

Input Watts (W): 11.3
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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CATALOG NUMBER: SMX4SLSFS010-1000LM-4000K

Luminous Intensity Polar Plot



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CATALOG NUMBER: SMX4SLSFS010-1000LM-4000K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	109	104	100	96	106	102	98	94	97	94	91	94	91	89	90	88	86	84		
2	99	91	84	78	96	89	82	77	85	80	75	82	77	73	79	75	72	70		
3	90	79	71	65	88	78	70	64	75	68	63	72	66	62	69	65	61	59		
4	82	70	61	55	80	69	61	54	66	59	54	64	58	53	62	57	52	50		
5	76	63	54	47	74	62	53	47	59	52	46	57	51	46	56	50	45	43		
6	70	56	47	41	68	55	47	41	54	46	40	52	45	40	50	44	40	38		
7	65	51	42	36	63	50	42	36	49	41	36	47	41	35	46	40	35	33		
8	60	47	38	32	59	46	38	32	45	37	32	43	37	32	42	36	31	30		
9	56	43	35	29	55	42	34	29	41	34	29	40	33	29	39	33	28	27		
10	53	39	32	26	51	39	31	26	38	31	26	37	31	26	36	30	26	24		

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	35969	35969	35969	35969
5°	35878	35987	35967	35957
10°	35771	35941	35951	35871
15°	35590	35805	35836	35703
20°	35311	35595	35732	35521
25°	35063	35379	35543	35270
30°	34754	35176	35381	35005
35°	34377	34836	35101	34679
40°	33986	34528	34838	34348
45°	33450	34149	34457	33856
50°	32830	33599	34060	33338
55°	32070	33018	33569	32707
60°	31017	32143	32796	31709
65°	29609	31013	31784	30381
70°	27483	29333	30316	28437
75°	24327	26656	27955	25473
80°	19353	22598	24305	21061
85°	11795	16444	18826	14176

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°	34.4	3.3
10°-20°	98.5	9.5
20°-30°	149.3	14.4
30°-40°	180.2	17.3
40°-50°	187.4	18.0
50°-60°	170.0	16.4
60°-70°	129.7	12.5
70°-80°	72.4	7.0
80°-90°	16.8	1.6
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°	282.2	27.2
0°-40°	462.4	44.5
0°-60°	819.9	78.9
0°-90°	1038.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1038.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	364	364	364	364	364	
5°	362	363	362	362	362	34
15°	348	350	350	349	348	98
25°	322	324	326	323	322	148
35°	285	289	291	287	285	178
45°	239	244	246	242	239	185
55°	186	192	195	190	186	166
65°	127	133	136	130	127	125
75°	64	70	73	67	64	67
85°	10	14	17	12	10	14
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°	363.9	363.9	363.9	363.9	363.9	363.9	363.9	363.9	363.9	363.9	363.9
0.5°	363.6	363.6	363.9	363.7	363.8	363.7	364.3	363.9	363.8	364.0	363.7
1°	363.6	363.6	363.5	363.6	363.8	363.5	364.2	363.9	363.8	364.0	363.8
1.5°	363.3	363.7	363.4	363.4	363.7	363.8	364.2	363.8	363.7	363.8	363.7
2°	363.1	363.5	363.4	363.2	363.6	363.9	364.2	363.8	363.6	363.8	363.5
2.5°	362.9	363.4	363.2	363.2	363.6	363.7	363.9	363.7	363.6	363.7	363.5
3°	362.8	363.3	363.1	363.1	363.5	363.4	363.9	363.5	363.4	363.5	363.3
3.5°	362.8	363.1	362.8	362.9	363.2	363.1	363.8	363.3	363.1	363.5	363.2
4°	362.4	362.7	362.7	362.7	363.3	363.0	363.4	363.1	362.9	363.3	362.8
4.5°	362.0	362.5	362.3	362.3	363.0	362.8	363.4	362.9	362.9	363.1	362.7
5°	361.6	362.1	361.9	362.0	362.7	362.5	362.9	362.6	362.5	362.9	362.5
5.5°	361.1	361.5	361.7	361.9	362.1	362.4	362.6	362.4	362.3	362.6	362.2
6°	360.6	361.2	361.1	361.4	361.7	362.0	362.5	361.9	361.9	362.2	361.7
6.5°	360.2	360.8	360.7	361.0	361.5	361.6	362.0	361.7	361.6	362.0	361.4
7°	359.9	360.3	360.2	360.5	361.1	361.1	361.3	361.6	361.0	361.6	360.9
7.5°	359.2	359.7	359.6	359.9	360.8	360.7	360.9	361.0	360.8	360.9	360.5
8°	358.8	359.3	359.1	359.2	360.1	360.3	360.6	360.5	360.3	360.5	360.1
8.5°	358.2	358.6	358.6	358.7	359.6	359.8	360.1	359.9	359.8	360.0	359.5
9°	357.5	358.0	358.0	358.1	359.0	359.2	359.6	359.4	359.4	359.4	358.8
9.5°	357.0	357.4	357.2	357.6	358.5	358.6	359.0	358.8	358.9	359.0	358.7
10°	356.4	356.5	356.6	356.8	358.1	358.0	358.5	358.3	358.2	358.6	357.8
10.5°	355.5	355.7	355.9	356.3	357.0	357.5	357.8	357.6	357.5	357.8	357.3
11°	354.8	355.1	355.3	355.3	356.2	356.7	357.3	356.9	357.0	357.1	356.4
11.5°	354.2	354.2	354.4	354.6	355.7	356.1	356.5	356.2	356.2	356.4	355.9
12°	353.4	353.5	353.8	353.8	354.9	355.3	355.7	355.5	355.4	355.6	355.0
12.5°	352.5	352.5	352.8	353.1	353.8	354.3	354.7	354.8	354.7	355.0	354.3
13°	351.6	351.9	352.0	352.2	353.1	353.7	354.1	353.9	353.8	354.2	353.5
13.5°	350.4	351.0	351.1	351.4	352.4	352.9	353.4	353.3	353.1	353.2	352.6
14°	349.7	350.0	350.1	350.6	351.4	351.9	352.6	352.3	352.1	352.3	351.6
14.5°	348.8	348.9	349.2	349.5	350.4	351.0	351.7	351.4	351.3	351.5	350.9
15°	347.8	348.1	348.2	348.4	349.9	350.2	350.9	350.6	350.2	350.6	349.9
15.5°	346.5	347.0	347.2	347.5	348.5	349.0	349.8	349.7	349.2	349.6	349.0
16°	345.7	345.9	346.3	346.3	347.4	348.4	348.8	348.8	348.5	348.9	347.9
16.5°	344.5	344.6	345.1	345.4	346.3	347.3	347.8	347.8	347.6	347.8	347.0
17°	343.3	343.6	344.0	344.3	345.4	346.1	346.6	346.7	346.4	346.5	345.9
17.5°	341.7	342.6	342.9	343.2	344.2	345.0	345.7	345.6	345.6	345.6	344.8
18°	340.6	341.6	341.9	342.0	343.2	344.0	344.7	344.3	344.2	344.3	343.5
18.5°	339.4	340.2	340.5	341.1	341.9	343.0	343.5	343.4	343.2	343.3	342.6
19°	338.3	339.0	339.2	339.8	340.7	341.8	342.2	342.3	341.8	342.0	341.3
19.5°	336.7	337.7	338.0	338.6	339.6	340.5	340.9	340.9	340.8	340.9	340.2
20°	335.7	336.4	336.7	337.3	338.4	339.4	339.5	339.5	339.7	339.5	338.8
20.5°	334.1	335.0	335.4	336.2	337.0	338.1	338.5	338.5	338.6	338.3	337.7
21°	333.0	333.8	334.1	334.6	335.6	336.8	337.0	337.1	337.1	337.0	336.4

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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°	329.1	329.5	329.9	330.5	331.9	332.8	333.4	333.3	333.1	333.4	332.5
23°	327.5	328.1	328.5	328.9	330.4	331.6	331.9	332.1	331.7	332.0	331.0
23.5°	326.0	326.6	327.0	327.6	328.8	329.9	330.5	330.4	330.2	330.6	329.5
24°	324.6	325.1	325.8	326.0	327.4	328.3	329.1	328.9	328.9	329.1	328.0
24.5°	323.1	323.5	324.0	324.6	326.0	327.0	327.7	327.7	327.4	327.5	326.6
25°	321.5	322.1	322.5	322.9	324.4	325.6	326.1	326.0	325.9	326.2	325.1
25.5°	319.7	320.4	321.0	321.7	322.9	324.0	324.6	324.6	324.4	324.6	323.7
26°	318.0	318.9	319.7	320.1	321.4	322.4	322.8	323.2	322.9	322.8	322.1
26.5°	316.5	317.3	317.9	318.4	319.8	320.9	321.4	321.7	321.4	321.4	320.7
27°	315.0	315.5	315.9	316.9	318.2	319.3	319.9	320.0	319.8	319.9	318.9
27.5°	313.0	313.8	314.1	315.2	316.5	317.5	318.1	318.5	318.3	318.2	317.3
28°	311.6	312.2	312.7	313.4	314.9	315.9	316.5	316.6	316.7	316.6	315.7
28.5°	310.0	310.4	311.0	311.6	313.2	314.1	314.9	315.0	315.1	314.9	314.0
29°	308.2	308.7	309.1	309.7	311.6	312.5	313.2	313.2	313.3	313.2	312.2
29.5°	306.2	307.1	307.3	308.2	309.9	310.6	311.5	311.5	311.7	311.5	310.6
30°	304.5	305.1	305.6	306.2	308.2	308.9	309.6	309.8	310.0	309.8	308.5
30.5°	302.5	303.1	303.7	304.5	306.2	307.2	307.9	308.1	308.2	307.8	306.8
31°	300.8	301.4	301.8	302.5	304.4	305.6	306.1	306.3	306.2	306.0	305.1
31.5°	298.9	299.6	299.8	300.7	302.4	303.5	304.1	304.4	304.4	304.1	303.4
32°	296.9	297.6	298.1	298.8	300.5	301.6	302.2	302.4	302.6	302.4	301.3
32.5°	294.8	295.5	296.2	297.0	298.7	299.8	300.4	300.4	300.6	300.4	299.6
33°	293.0	293.6	294.2	295.1	296.8	297.9	298.7	298.7	298.9	298.5	297.4
33.5°	291.0	291.7	292.1	293.1	294.8	295.6	296.8	296.6	296.7	296.5	295.4
34°	289.1	289.6	290.2	291.0	292.9	293.7	294.6	294.8	294.9	294.5	293.5
34.5°	287.1	287.7	288.2	289.0	290.9	291.8	292.5	292.9	292.9	292.6	291.6
35°	284.9	285.6	286.1	286.9	288.7	289.9	290.7	290.7	290.9	290.6	289.4
35.5°	282.9	283.5	284.0	285.0	286.5	288.0	288.6	288.7	288.9	288.5	287.5
36°	280.8	281.4	282.1	283.0	284.5	286.0	286.5	286.7	286.9	286.5	285.4
36.5°	278.8	279.4	280.0	280.9	282.6	283.6	284.6	284.8	284.9	284.6	283.4
37°	276.8	277.3	278.0	278.8	280.5	281.7	282.5	282.8	282.6	282.3	281.2
37.5°	274.6	275.1	275.8	276.8	278.5	279.8	280.2	280.8	280.7	280.3	279.5
38°	272.4	273.0	273.6	274.4	276.3	277.7	278.2	278.8	278.5	278.3	277.1
38.5°	270.1	270.6	271.5	272.3	274.2	275.5	276.2	276.5	276.5	276.1	275.0
39°	267.8	268.4	269.1	270.1	272.0	273.4	274.0	274.3	274.6	273.8	272.7
39.5°	265.5	266.0	266.7	267.9	270.0	271.0	271.8	272.0	272.3	271.8	270.6
40°	263.4	264.0	264.5	265.4	267.6	268.7	269.5	270.0	270.0	269.4	268.4
40.5°	260.9	261.6	262.3	263.4	265.4	266.5	267.1	267.8	267.7	267.2	266.2
41°	258.7	259.4	260.0	261.0	263.2	264.3	264.9	265.4	265.3	265.1	263.6
41.5°	256.3	257.1	257.8	258.8	260.8	262.0	262.6	263.2	263.0	262.7	261.3
42°	254.0	254.8	255.2	256.5	258.6	259.6	260.6	260.8	260.8	260.3	259.2
42.5°	251.5	252.3	253.0	254.2	256.1	257.1	258.3	258.5	258.5	258.1	256.8
43°	249.2	250.2	250.6	251.8	253.9	255.0	255.7	256.1	256.2	255.8	254.3
43.5°	246.9	247.5	248.2	249.3	251.5	252.6	253.3	253.9	253.9	253.4	252.2

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	239.3	240.3	240.9	242.0	244.3	245.5	246.2	246.6	246.5	246.3	245.0
45.5°	236.8	237.8	238.4	239.6	242.0	242.8	243.9	244.1	244.1	243.9	242.7
46°	234.5	235.4	236.1	237.0	239.4	240.6	241.3	241.7	241.5	241.2	240.0
46.5°	232.0	232.8	233.5	234.5	236.9	238.0	238.7	239.4	239.2	238.8	237.7
47°	229.5	230.3	230.8	232.0	234.3	235.5	236.4	237.0	236.7	236.5	235.2
47.5°	226.9	227.5	228.3	229.6	231.6	233.0	233.7	234.4	234.3	233.9	232.6
48°	224.3	225.0	225.9	226.8	228.9	230.4	231.1	231.9	232.0	231.4	230.0
48.5°	221.7	222.4	223.2	224.3	226.3	227.9	228.8	229.2	229.3	228.8	227.6
49°	218.8	220.0	220.5	221.5	223.7	225.2	226.2	226.6	226.6	226.2	224.9
49.5°	216.4	217.2	218.0	219.1	221.1	222.7	223.7	224.1	224.0	223.7	222.4
50°	213.5	214.4	215.3	216.5	218.5	220.3	221.0	221.5	221.5	221.1	219.6
50.5°	210.7	211.7	212.5	213.8	215.9	217.5	218.2	218.8	218.8	218.4	217.0
51°	208.0	209.1	209.8	211.1	213.3	214.9	215.6	216.2	216.2	215.9	214.3
51.5°	205.5	206.3	207.2	208.3	210.7	212.0	213.1	213.4	213.4	213.1	211.6
52°	202.9	203.7	204.5	205.7	208.0	209.3	210.3	210.9	210.9	210.4	209.0
52.5°	200.2	200.8	201.8	203.0	205.0	206.7	207.7	208.0	208.2	207.6	206.3
53°	197.4	198.2	199.0	200.4	202.3	204.1	205.0	205.4	205.5	204.9	203.6
53.5°	194.8	195.5	196.3	197.3	199.7	201.2	202.0	202.5	202.8	202.1	201.0
54°	192.0	192.7	193.5	194.5	196.9	198.5	199.4	199.6	199.8	199.5	198.2
54.5°	189.2	189.8	190.8	191.9	194.4	195.9	196.7	196.9	197.2	196.8	195.5
55°	186.1	187.1	188.0	189.3	191.6	193.2	194.0	194.4	194.8	194.1	192.9
55.5°	183.4	184.1	185.2	186.5	188.9	190.4	191.4	191.7	191.9	191.3	190.2
56°	180.7	181.3	182.3	183.6	186.1	187.5	188.4	188.7	189.0	188.5	187.2
56.5°	177.7	178.4	179.3	180.6	183.0	184.7	185.6	186.1	186.2	185.7	184.3
57°	175.0	175.6	176.4	177.7	180.3	181.7	182.9	183.1	183.2	182.7	181.4
57.5°	171.9	172.6	173.5	174.9	177.6	178.8	180.0	180.3	180.4	179.9	178.5
58°	169.0	169.6	170.6	172.0	174.6	176.1	177.0	177.5	177.6	176.9	175.7
58.5°	165.9	166.8	167.6	169.0	171.6	173.3	174.2	174.8	174.7	174.2	172.9
59°	162.9	163.8	164.7	166.1	168.8	170.1	171.2	172.0	171.5	171.1	170.0
59.5°	159.8	160.8	161.7	163.3	165.5	167.1	168.3	169.0	168.8	168.3	167.0
60°	156.9	157.9	158.9	160.4	162.6	164.2	165.3	166.1	165.9	165.3	163.9
60.5°	154.2	154.7	155.8	157.3	159.5	161.2	162.3	163.4	163.1	162.3	161.1
61°	151.3	152.0	153.0	154.3	156.6	158.4	159.3	160.3	160.0	159.5	158.1
61.5°	148.1	148.9	149.9	151.3	153.7	155.4	156.4	157.4	157.0	156.4	154.9
62°	145.1	146.0	146.9	148.4	151.0	152.5	153.5	154.2	153.9	153.5	152.3
62.5°	142.0	142.7	143.8	145.2	147.9	149.5	150.6	151.5	151.1	150.4	149.2
63°	138.8	139.6	140.7	142.2	145.0	146.5	147.6	148.1	148.1	147.4	146.0
63.5°	135.7	136.6	137.7	139.1	141.8	143.3	144.4	145.3	145.1	144.2	143.1
64°	132.8	133.4	134.6	135.8	138.7	140.3	141.3	142.3	142.0	141.3	139.9
64.5°	129.6	130.4	131.5	132.9	135.8	137.2	138.3	139.1	138.9	138.2	137.0
65°	126.6	127.3	128.3	129.8	132.6	134.1	135.3	135.9	135.9	135.2	133.9
65.5°	123.2	124.1	125.3	126.7	129.5	131.3	132.2	132.9	132.8	132.2	130.8
66°	120.1	121.0	122.0	123.5	126.8	128.1	129.0	130.0	129.6	129.2	127.8

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997154

CATALOG NUMBER: SMX4SLSFS010-1000LM-4000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	110.8	111.9	112.6	114.1	117.1	118.9	119.8	120.6	120.5	119.5	118.2
68°	107.6	108.7	109.7	111.2	114.0	115.6	116.7	117.3	117.5	116.7	115.2
68.5°	104.4	105.5	106.6	108.1	111.1	112.5	113.6	114.1	114.2	113.5	112.1
69°	101.4	102.4	103.4	104.9	108.0	109.5	110.6	111.1	111.2	110.5	109.1
69.5°	98.2	99.1	100.2	101.7	104.8	106.2	107.4	108.1	108.0	107.3	106.0
70°	95.1	96.1	97.0	98.5	101.5	103.1	104.1	104.8	104.9	104.2	102.8
70.5°	91.8	92.7	93.9	95.3	98.4	100.0	101.1	101.7	101.8	101.0	99.6
71°	88.7	89.7	90.7	92.0	95.2	96.8	97.8	98.6	98.7	97.8	96.5
71.5°	85.6	86.4	87.4	88.9	91.9	93.7	94.7	95.3	95.4	94.8	93.3
72°	82.4	83.4	84.3	85.7	88.8	90.6	91.4	92.1	92.2	91.6	90.2
72.5°	79.3	80.1	81.1	82.6	85.6	87.4	88.3	88.9	88.9	88.3	86.9
73°	76.0	77.0	78.0	79.3	82.4	84.2	85.1	85.8	85.8	85.2	83.7
73.5°	73.0	73.9	74.8	76.2	79.4	81.0	81.9	82.5	82.7	82.0	80.5
74°	69.8	70.7	71.7	73.0	76.2	77.8	78.7	79.4	79.6	78.8	77.4
74.5°	66.8	67.7	68.9	70.1	73.0	74.8	75.6	76.3	76.2	75.7	74.3
75°	63.7	64.4	65.5	66.8	69.8	71.5	72.4	73.2	73.2	72.4	71.2
75.5°	60.6	61.4	62.4	63.7	66.9	68.8	69.4	69.9	70.1	69.5	68.2
76°	57.6	58.3	59.2	60.5	63.8	65.4	66.3	66.9	67.1	66.4	65.0
76.5°	54.4	55.2	56.2	57.4	60.7	62.4	63.2	63.8	63.8	63.5	61.9
77°	51.5	52.2	53.2	54.4	57.6	59.2	60.1	60.7	60.7	60.3	58.8
77.5°	48.6	49.1	50.2	51.4	54.7	56.2	57.0	57.7	57.6	57.1	55.9
78°	45.5	46.1	47.2	48.5	51.5	53.1	54.1	54.7	54.6	54.0	52.8
78.5°	42.6	43.2	44.4	45.5	48.6	50.1	51.0	51.6	51.6	51.2	49.8
79°	39.6	40.3	41.3	42.7	45.6	47.1	48.0	48.5	48.5	48.1	46.8
79.5°	36.9	37.5	38.5	39.7	42.7	44.3	44.9	45.6	45.6	45.0	43.7
80°	34.0	34.6	35.5	36.8	39.7	41.2	42.0	42.7	42.7	42.1	40.8
80.5°	31.3	31.9	32.9	33.9	37.0	38.4	39.2	39.7	39.9	39.4	38.2
81°	28.7	29.2	30.2	31.3	34.1	35.6	36.4	36.9	37.1	36.6	35.4
81.5°	26.3	26.8	27.9	28.7	31.5	32.8	33.6	34.0	34.2	33.7	32.5
82°	23.7	24.2	25.2	26.3	28.8	30.0	30.8	31.4	31.3	30.9	29.8
82.5°	21.2	21.8	22.8	23.8	26.5	27.5	28.1	28.7	28.7	28.4	27.2
83°	18.9	19.4	20.3	21.4	23.9	25.1	25.8	26.3	26.4	25.8	25.0
83.5°	16.5	17.1	18.0	19.0	21.3	22.6	23.3	23.7	23.8	23.3	22.4
84°	14.5	15.0	15.9	16.8	19.0	20.1	20.7	21.2	21.4	21.0	19.8
84.5°	12.4	12.8	13.8	14.6	16.7	17.8	18.5	18.9	19.0	18.6	17.6
85°	10.4	10.9	11.8	12.5	14.5	15.5	16.2	16.5	16.6	16.2	15.5
85.5°	8.7	9.1	9.9	10.7	12.4	13.4	14.0	14.4	14.5	14.0	13.3
86°	7.0	7.6	8.3	8.9	10.6	11.4	12.0	12.4	12.3	12.0	11.3
86.5°	5.5	5.9	6.8	7.2	8.6	9.5	9.9	10.3	10.3	10.0	9.4
87°	4.2	4.6	5.2	5.8	6.9	7.7	8.2	8.5	8.5	8.3	7.6
87.5°	3.1	3.5	4.1	4.4	5.6	6.1	6.4	6.8	6.9	6.6	6.0
88°	2.2	2.5	3.0	3.3	4.0	4.7	5.0	5.4	5.4	5.1	4.6
88.5°	1.5	1.7	2.1	2.4	2.8	3.3	3.6	3.8	3.9	3.7	3.3

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

Scaled Data Report



TEST NUMBER: P997154
CATALOG NUMBER: SMX4SLSFS010-1000LM-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

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997154

CATALOG NUMBER: SMX4SLSFS010-1000LM-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	363.9	363.9	363.9	363.9	363.9	363.9
0.5°	363.8	364.2	363.8	363.8	363.8	363.6
1°	363.6	363.8	363.7	364.0	363.6	363.6
1.5°	363.3	363.8	363.6	363.7	363.4	363.3
2°	363.4	363.8	363.4	363.8	363.2	363.1
2.5°	363.3	363.6	363.5	363.6	363.1	362.9
3°	363.2	363.6	363.4	363.2	363.0	362.8
3.5°	363.2	363.4	363.0	363.0	362.5	362.8
4°	362.9	362.8	362.8	362.8	362.3	362.4
4.5°	362.5	362.8	362.5	362.1	361.8	362.0
5°	362.4	362.4	362.2	362.1	361.3	361.6
5.5°	362.1	361.8	361.6	361.5	361.1	361.1
6°	361.5	361.2	361.1	361.1	360.8	360.6
6.5°	361.1	360.9	360.8	360.8	360.3	360.2
7°	360.7	360.6	360.2	360.3	360.0	359.9
7.5°	360.0	360.2	359.7	359.7	359.3	359.2
8°	359.6	359.8	359.2	359.3	358.8	358.8
8.5°	359.0	359.2	358.6	358.6	358.2	358.2
9°	358.5	358.4	358.0	357.8	357.5	357.5
9.5°	357.9	357.9	357.4	357.4	356.9	357.0
10°	357.5	357.4	356.7	356.7	356.0	356.4
10.5°	356.7	356.8	355.9	355.9	355.1	355.5
11°	356.2	356.0	355.2	355.2	354.5	354.8
11.5°	355.6	355.2	354.4	354.4	353.5	354.2
12°	354.7	354.5	353.8	353.6	352.9	353.4
12.5°	353.8	353.7	353.1	352.6	352.1	352.5
13°	353.1	353.0	352.1	351.9	351.5	351.6
13.5°	352.2	351.9	351.1	351.0	350.5	350.4
14°	351.2	351.1	350.3	349.9	349.6	349.7
14.5°	350.3	350.1	349.4	349.1	348.8	348.8
15°	349.3	348.9	348.2	348.3	347.9	347.8
15.5°	348.3	348.1	347.3	347.0	346.5	346.5
16°	347.5	347.1	346.0	346.0	345.4	345.7
16.5°	346.5	345.9	345.1	344.9	344.3	344.5
17°	345.3	344.7	344.1	343.7	343.2	343.3
17.5°	344.2	343.7	342.7	342.7	341.9	341.7
18°	343.3	342.5	341.6	341.5	341.1	340.6
18.5°	342.2	341.4	340.6	340.3	339.7	339.4
19°	340.9	340.4	339.4	339.0	338.3	338.3
19.5°	339.5	338.9	338.0	337.8	337.2	336.7
20°	338.4	337.7	336.9	336.3	336.0	335.7
20.5°	337.0	336.4	335.7	334.8	334.5	334.1
21°	335.6	334.9	334.2	333.8	333.4	333.0

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997154

CATALOG NUMBER: SMX4SLSFS010-1000LM-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	331.7	330.7	330.2	329.5	328.8	329.1
23°	330.3	329.3	328.7	328.1	327.4	327.5
23.5°	328.8	327.9	327.3	326.3	325.8	326.0
24°	327.4	326.4	325.8	325.1	324.4	324.6
24.5°	325.9	324.7	324.2	323.5	323.0	323.1
25°	324.3	323.4	322.4	322.1	321.7	321.5
25.5°	322.9	321.8	321.1	320.6	319.9	319.7
26°	321.3	320.4	319.5	319.0	318.2	318.0
26.5°	319.7	318.8	317.8	317.2	316.6	316.5
27°	317.9	317.3	316.0	315.8	315.1	315.0
27.5°	316.5	315.5	314.5	314.1	313.3	313.0
28°	314.8	313.7	312.7	312.3	311.4	311.6
28.5°	313.0	311.9	311.0	310.3	309.6	310.0
29°	311.3	310.2	309.2	308.8	307.8	308.2
29.5°	309.6	308.5	307.5	306.9	306.0	306.2
30°	307.7	306.7	305.9	305.2	304.2	304.5
30.5°	305.9	304.8	304.0	303.3	302.4	302.5
31°	304.0	303.0	302.0	301.3	300.5	300.8
31.5°	302.2	301.1	300.4	299.5	298.4	298.9
32°	300.4	299.2	298.1	297.7	296.7	296.9
32.5°	298.6	297.3	296.3	295.5	294.8	294.8
33°	296.7	295.4	294.7	293.7	292.8	293.0
33.5°	294.7	293.4	292.5	291.5	290.9	291.0
34°	292.6	291.4	290.5	289.8	289.0	289.1
34.5°	290.7	289.3	288.5	287.7	286.7	287.1
35°	288.6	287.4	286.3	285.4	284.8	284.9
35.5°	286.8	285.3	284.4	283.3	282.5	282.9
36°	284.6	283.3	282.1	281.3	280.6	280.8
36.5°	282.4	281.0	280.0	279.1	278.6	278.8
37°	280.4	279.2	278.2	277.2	276.3	276.8
37.5°	278.3	276.9	276.1	275.1	274.2	274.6
38°	276.3	274.9	273.7	272.9	272.1	272.4
38.5°	274.1	272.7	271.6	270.6	269.8	270.1
39°	271.8	270.3	269.1	268.3	267.8	267.8
39.5°	269.6	268.2	267.0	266.0	265.5	265.5
40°	267.3	266.2	264.5	264.1	263.2	263.4
40.5°	265.0	263.9	262.3	261.5	260.7	260.9
41°	262.6	261.5	259.9	259.4	258.6	258.7
41.5°	260.4	259.2	257.7	256.9	256.2	256.3
42°	258.3	256.9	255.5	254.4	253.8	254.0
42.5°	255.9	254.3	253.0	252.3	251.4	251.5
43°	253.4	252.1	250.6	249.6	249.0	249.2
43.5°	251.1	249.7	248.2	247.2	246.6	246.9

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997154

CATALOG NUMBER: SMX4SLSFS010-1000LM-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	243.9	242.2	240.7	240.2	239.2	239.3
45.5°	241.4	239.7	238.5	237.7	236.8	236.8
46°	238.8	237.3	236.1	235.0	234.3	234.5
46.5°	236.4	234.7	233.4	232.6	231.9	232.0
47°	233.9	232.3	230.9	230.0	229.2	229.5
47.5°	231.3	229.9	228.4	227.4	226.7	226.9
48°	228.9	227.2	225.8	224.7	224.1	224.3
48.5°	226.3	224.7	223.2	222.2	221.4	221.7
49°	223.8	222.1	220.6	219.4	219.0	218.8
49.5°	221.0	219.5	218.0	216.9	216.3	216.4
50°	218.5	216.8	215.3	214.2	213.6	213.5
50.5°	215.9	214.2	212.6	211.5	210.9	210.7
51°	213.0	211.4	209.8	208.8	208.3	208.0
51.5°	210.4	208.9	207.2	206.3	205.5	205.5
52°	207.8	206.3	204.3	203.4	202.9	202.9
52.5°	205.0	203.4	201.6	200.9	200.0	200.2
53°	202.3	200.8	198.7	198.1	197.3	197.4
53.5°	199.6	197.7	196.1	195.4	194.6	194.8
54°	196.9	195.2	193.3	192.6	191.8	192.0
54.5°	194.2	192.5	190.8	189.8	189.1	189.2
55°	191.6	189.8	188.0	186.9	186.1	186.1
55.5°	188.6	186.5	185.1	184.2	183.5	183.4
56°	186.0	183.8	182.2	181.1	180.5	180.7
56.5°	183.0	180.9	179.4	178.4	177.9	177.7
57°	180.3	178.1	176.3	175.3	174.9	175.0
57.5°	177.3	175.2	173.5	172.5	172.0	171.9
58°	174.6	172.4	170.6	169.7	169.1	169.0
58.5°	171.6	169.2	167.6	166.7	166.0	165.9
59°	168.8	166.3	164.7	163.8	163.1	162.9
59.5°	165.8	163.3	161.5	160.5	160.0	159.8
60°	162.9	160.4	158.6	157.8	157.1	156.9
60.5°	160.0	157.2	155.7	154.6	154.0	154.2
61°	157.1	154.5	152.8	151.9	151.3	151.3
61.5°	154.1	151.2	149.7	148.9	148.2	148.1
62°	151.2	148.2	146.7	145.9	144.9	145.1
62.5°	148.3	145.1	143.5	142.7	142.0	142.0
63°	145.2	142.2	140.4	139.7	138.8	138.8
63.5°	142.1	138.9	137.4	136.4	135.8	135.7
64°	139.0	136.0	134.4	133.4	132.7	132.8
64.5°	135.9	132.9	131.3	130.3	129.6	129.6
65°	132.8	129.9	128.2	127.4	126.5	126.6
65.5°	129.6	126.4	125.0	123.9	123.4	123.2
66°	126.5	123.6	121.9	120.8	120.4	120.1

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997154

CATALOG NUMBER: SMX4SLSFS010-1000LM-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	117.1	114.1	112.4	111.7	111.1	110.8
68°	113.9	111.1	109.4	108.4	107.8	107.6
68.5°	111.0	107.9	106.3	105.1	104.7	104.4
69°	107.7	104.8	103.1	102.2	101.7	101.4
69.5°	104.6	101.5	100.0	99.0	98.4	98.2
70°	101.4	98.4	96.9	95.8	95.3	95.1
70.5°	98.3	95.3	93.7	92.5	92.0	91.8
71°	95.2	92.2	90.5	89.5	88.8	88.7
71.5°	91.9	88.9	87.4	86.4	85.5	85.6
72°	88.7	85.8	84.1	83.1	82.5	82.4
72.5°	85.6	82.5	81.0	79.9	79.2	79.3
73°	82.4	79.4	77.8	76.8	76.0	76.0
73.5°	79.1	76.1	74.8	73.6	72.8	73.0
74°	76.0	73.2	71.5	70.5	69.8	69.8
74.5°	72.9	70.0	68.6	67.6	66.5	66.8
75°	69.9	66.7	65.4	64.2	63.8	63.7
75.5°	66.9	63.7	62.3	61.1	60.4	60.6
76°	63.8	60.7	59.1	58.1	57.5	57.6
76.5°	60.6	57.5	56.0	54.9	54.4	54.4
77°	57.6	54.5	53.0	51.9	51.3	51.5
77.5°	54.5	51.5	50.0	49.0	48.4	48.6
78°	51.4	48.7	47.0	46.0	45.3	45.5
78.5°	48.3	45.7	44.1	43.2	42.3	42.6
79°	45.5	42.7	41.1	40.1	39.5	39.6
79.5°	42.7	39.8	38.2	37.3	36.8	36.9
80°	39.8	37.0	35.4	34.6	33.9	34.0
80.5°	36.9	34.2	32.9	31.8	31.3	31.3
81°	34.0	31.4	30.1	29.0	28.6	28.7
81.5°	31.5	28.8	27.7	26.7	26.2	26.3
82°	28.8	26.5	25.0	24.2	23.6	23.7
82.5°	26.3	23.9	22.6	21.7	21.2	21.2
83°	24.0	21.5	20.1	19.4	18.9	18.9
83.5°	21.4	19.1	17.8	17.1	16.6	16.5
84°	19.0	16.8	15.7	14.9	14.5	14.5
84.5°	16.7	14.6	13.5	12.9	12.4	12.4
85°	14.6	12.5	11.6	10.9	10.6	10.4
85.5°	12.5	10.8	9.6	9.1	8.6	8.7
86°	10.5	8.8	8.0	7.5	6.9	7.0
86.5°	8.7	7.1	6.6	5.9	5.5	5.5
87°	7.0	5.7	5.0	4.5	4.2	4.2
87.5°	5.4	4.4	3.7	3.3	3.1	3.1
88°	4.0	3.3	2.8	2.3	2.1	2.2
88.5°	2.8	2.4	1.8	1.6	1.5	1.5

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Scaled Data Report



TEST NUMBER: P997154
CATALOG NUMBER: SMX4SLSFS010-1000LM-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

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Scaled Data Report

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Report Generated By 670245859 / DESKTOP-T8S5UU9

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

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21.5°	331.5	332.4	332.7	333.1	334.6	335.5	335.7	336.1	335.8	335.6	335.1
22°	330.7	331.0	331.3	331.9	333.3	334.4	334.3	334.7	334.4	334.6	333.8

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44°	244.3	245.2	245.7	246.7	249.0	250.3	251.0	251.5	251.4	250.9	249.7
44.5°	241.9	242.8	243.3	244.4	246.8	247.9	248.5	249.1	248.9	248.6	247.4



66.5°	117.0	117.8	118.9	120.4	123.4	124.9	126.0	126.8	126.7	125.8	124.6
67°	113.7	114.8	115.8	117.2	120.3	121.9	122.9	123.7	123.5	122.7	121.6



89°	0.8	1.0	1.4	1.5	1.9	2.1	2.4	2.6	2.6	2.5	2.2
89.5°	0.4	0.6	0.8	1.0	0.9	1.3	1.5	1.8	1.7	1.7	1.2

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21.5°	334.3	333.4	332.7	332.7	331.7	331.5
22°	333.1	332.2	331.4	331.0	330.1	330.7

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44°	248.6	247.2	245.7	244.8	244.4	244.3
44.5°	246.2	244.7	243.2	242.5	241.7	241.9

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66.5°	123.4	120.2	118.7	117.6	117.2	117.0
67°	120.3	117.2	115.8	114.6	114.2	113.7

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89°	1.9	1.6	1.2	1.0	0.8	0.8
89.5°	0.9	1.0	0.7	0.6	0.3	0.4

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(END OF REPORT)