

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: P997153

Luminaire Tested: **SMX4SLSFS010-1000LM-3500K**

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: P997153
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-3500K
Description: 4IN SQAURE, 90CRI, 0-10V DIMMING, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 3500K CCT
Ballast/Driver: -

Summary

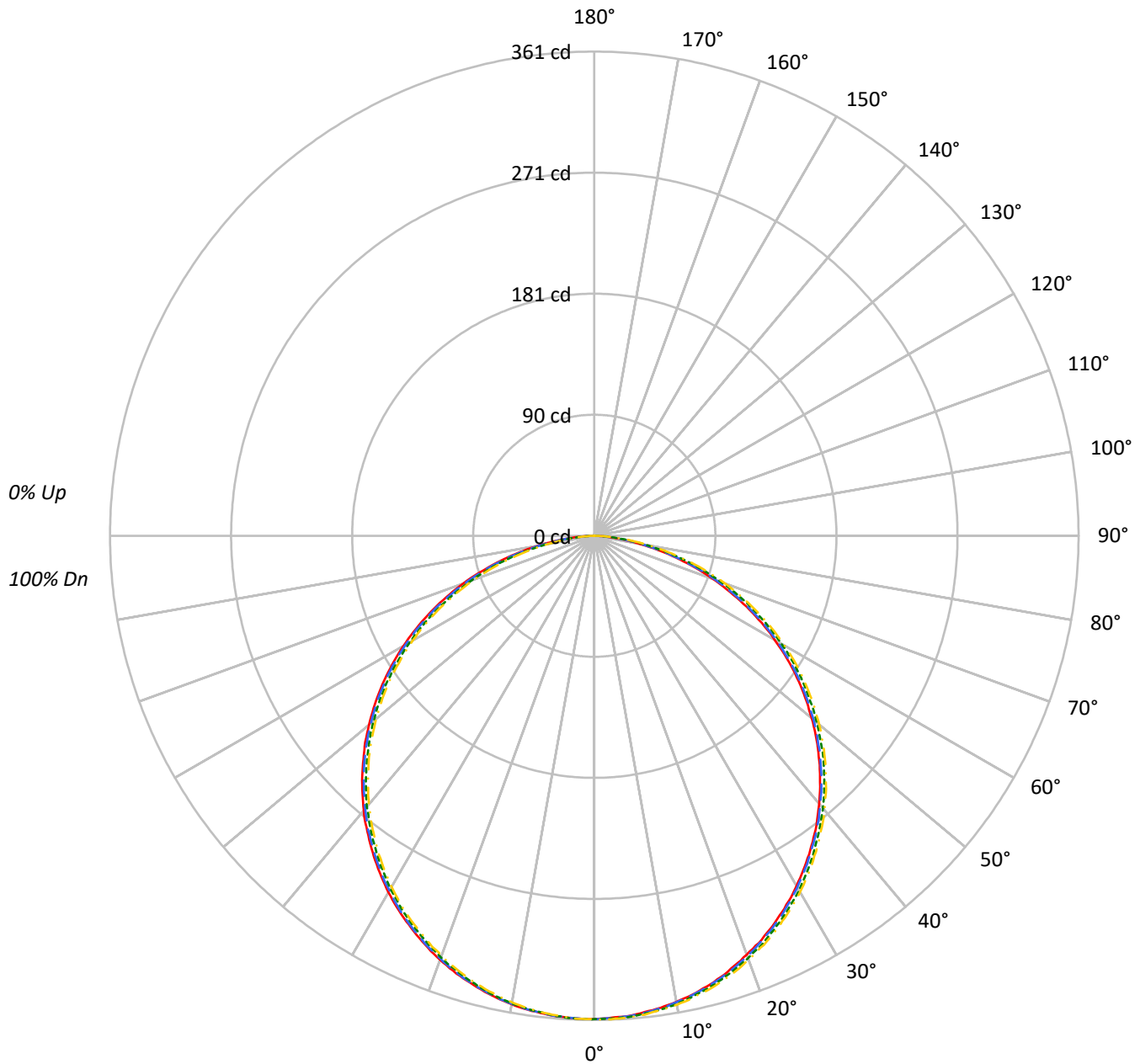
Lumens per Lamp: N/A
Luminaire Lumens: 1028.8 lumens
Efficiency: N/A
Efficacy: 91.0 lumens/watt
Spacing Criteria (0/90/45): 1.25 / 1.26 / 1.37
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
CIE Type: Direct

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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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	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°	35623	35623	35623	35623
5°	35531	35640	35630	35610
10°	35420	35590	35610	35530
15°	35252	35457	35488	35355
20°	34964	35248	35384	35185
25°	34725	35030	35205	34932
30°	34423	34833	35039	34674
35°	34051	34510	34763	34341
40°	33664	34206	34502	34025
45°	33129	33828	34121	33534
50°	32507	33276	33737	33015
55°	31777	32690	33242	32380
60°	30720	31847	32480	31392
65°	29305	30709	31480	30100
70°	27223	29073	30027	28177
75°	24098	26389	27688	25243
80°	19125	22370	24078	20833
85°	11681	16331	18712	14063



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	34.1	3.3
10°-20°	97.6	9.5
20°-30°	147.8	14.4
30°-40°	178.4	17.3
40°-50°	185.6	18.0
50°-60°	168.4	16.4
60°-70°	128.4	12.5
70°-80°	71.7	7.0
80°-90°	16.7	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°	279.5	27.2
0°-40°	458.0	44.5
0°-60°	812.0	78.9
0°-90°	1028.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1028.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	360	360	360	360	360	
5°	358	359	359	359	358	34
15°	344	346	347	346	344	97
25°	318	321	323	320	318	147
35°	282	286	288	285	282	177
45°	237	242	244	240	237	183
55°	184	190	193	188	184	165
65°	125	131	135	129	125	124
75°	63	69	72	66	63	67
85°	10	14	16	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°	360.4	360.4	360.4	360.4	360.4	360.4	360.4	360.4	360.4	360.4	360.4
0.5°	360.1	360.1	360.4	360.2	360.3	360.2	360.8	360.4	360.3	360.5	360.2
1°	360.1	360.1	360.0	360.1	360.3	360.0	360.7	360.4	360.3	360.5	360.3
1.5°	359.8	360.2	359.9	359.9	360.2	360.3	360.7	360.3	360.2	360.3	360.2
2°	359.6	360.1	359.9	359.7	360.1	360.4	360.7	360.3	360.1	360.3	360.0
2.5°	359.4	359.9	359.7	359.7	360.1	360.2	360.4	360.2	360.1	360.2	360.0
3°	359.3	359.8	359.6	359.6	360.0	359.9	360.4	360.0	359.9	360.0	359.8
3.5°	359.3	359.6	359.3	359.4	359.7	359.6	360.3	359.8	359.6	360.0	359.7
4°	359.0	359.2	359.2	359.2	359.8	359.5	359.9	359.6	359.4	359.8	359.3
4.5°	358.6	359.0	358.8	358.8	359.5	359.3	359.9	359.4	359.4	359.7	359.2
5°	358.1	358.6	358.4	358.5	359.2	359.1	359.4	359.1	359.1	359.4	359.1
5.5°	357.7	358.0	358.2	358.4	358.6	358.9	359.1	358.9	358.8	359.1	358.7
6°	357.2	357.7	357.7	358.0	358.2	358.5	359.1	358.4	358.4	358.7	358.2
6.5°	356.7	357.3	357.2	357.5	358.1	358.1	358.5	358.2	358.1	358.5	358.0
7°	356.4	356.8	356.8	357.0	357.7	357.7	357.8	358.1	357.5	358.1	357.4
7.5°	355.8	356.2	356.1	356.4	357.3	357.3	357.4	357.5	357.4	357.5	357.0
8°	355.3	355.8	355.6	355.8	356.7	356.9	357.2	357.0	356.9	357.1	356.7
8.5°	354.7	355.2	355.2	355.2	356.2	356.4	356.6	356.4	356.4	356.5	356.0
9°	354.1	354.6	354.6	354.7	355.6	355.7	356.2	356.0	356.0	355.9	355.4
9.5°	353.5	353.9	353.8	354.2	355.1	355.2	355.5	355.3	355.5	355.5	355.2
10°	352.9	353.1	353.1	353.4	354.6	354.6	355.1	354.8	354.8	355.1	354.4
10.5°	352.1	352.3	352.5	352.9	353.6	354.1	354.3	354.2	354.0	354.4	353.8
11°	351.4	351.7	351.8	351.9	352.8	353.3	353.8	353.5	353.5	353.6	352.9
11.5°	350.8	350.8	351.0	351.2	352.2	352.7	353.1	352.8	352.8	353.0	352.5
12°	350.0	350.1	350.4	350.4	351.5	351.9	352.3	352.1	352.0	352.1	351.6
12.5°	349.1	349.2	349.4	349.7	350.4	350.9	351.2	351.4	351.3	351.6	350.9
13°	348.2	348.5	348.6	348.8	349.7	350.3	350.7	350.5	350.4	350.8	350.1
13.5°	347.0	347.6	347.7	348.0	349.0	349.5	350.0	349.9	349.8	349.8	349.2
14°	346.3	346.7	346.8	347.2	348.1	348.5	349.2	348.9	348.7	349.0	348.2
14.5°	345.5	345.5	345.8	346.1	347.0	347.6	348.3	348.0	347.9	348.1	347.5
15°	344.5	344.8	344.8	345.0	346.5	346.9	347.5	347.2	346.8	347.3	346.5
15.5°	343.2	343.6	343.9	344.1	345.1	345.7	346.4	346.3	345.9	346.3	345.7
16°	342.4	342.6	342.9	343.0	344.1	345.1	345.5	345.5	345.1	345.5	344.5
16.5°	341.2	341.3	341.8	342.1	343.0	343.9	344.5	344.4	344.2	344.4	343.7
17°	340.0	340.3	340.7	341.0	342.0	342.8	343.3	343.4	343.1	343.2	342.6
17.5°	338.4	339.3	339.6	339.9	340.9	341.7	342.4	342.3	342.2	342.3	341.5
18°	337.4	338.3	338.6	338.7	339.9	340.7	341.3	341.0	340.9	341.0	340.2
18.5°	336.1	336.9	337.2	337.8	338.6	339.7	340.2	340.1	339.9	340.0	339.3
19°	335.1	335.7	335.9	336.5	337.4	338.5	338.9	339.0	338.6	338.7	338.0
19.5°	333.4	334.4	334.8	335.3	336.4	337.2	337.6	337.6	337.5	337.6	337.0
20°	332.4	333.2	333.5	334.1	335.1	336.2	336.3	336.3	336.4	336.3	335.5
20.5°	330.9	331.8	332.2	332.9	333.8	334.8	335.3	335.2	335.3	335.0	334.5
21°	329.8	330.5	330.9	331.4	332.4	333.6	333.8	333.9	333.9	333.7	333.2

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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°	326.0	326.4	326.7	327.3	328.7	329.6	330.2	330.1	329.9	330.2	329.3
23°	324.3	325.0	325.3	325.7	327.2	328.4	328.7	328.9	328.5	328.8	327.8
23.5°	322.9	323.5	323.8	324.4	325.7	326.7	327.4	327.3	327.1	327.4	326.3
24°	321.4	321.9	322.6	322.9	324.2	325.1	325.9	325.8	325.8	325.9	324.9
24.5°	320.0	320.4	320.9	321.4	322.9	323.8	324.5	324.5	324.3	324.4	323.5
25°	318.4	319.0	319.4	319.8	321.2	322.5	322.9	322.9	322.8	323.0	322.0
25.5°	316.6	317.3	317.9	318.6	319.8	320.9	321.5	321.4	321.2	321.5	320.6
26°	315.0	315.9	316.6	317.0	318.3	319.3	319.7	320.1	319.8	319.7	319.0
26.5°	313.5	314.2	314.9	315.4	316.8	317.8	318.4	318.6	318.3	318.3	317.7
27°	312.0	312.5	312.9	313.8	315.1	316.2	316.8	316.9	316.8	316.8	315.9
27.5°	310.0	310.8	311.1	312.2	313.5	314.5	315.1	315.5	315.2	315.1	314.3
28°	308.6	309.2	309.7	310.4	311.8	312.8	313.5	313.5	313.6	313.5	312.6
28.5°	307.0	307.4	308.0	308.6	310.2	311.1	311.9	312.0	312.0	311.9	311.0
29°	305.2	305.8	306.2	306.8	308.6	309.5	310.2	310.2	310.3	310.2	309.2
29.5°	303.3	304.2	304.4	305.2	306.9	307.6	308.5	308.5	308.7	308.5	307.7
30°	301.6	302.2	302.7	303.3	305.2	306.0	306.6	306.8	307.0	306.8	305.6
30.5°	299.6	300.2	300.8	301.6	303.3	304.3	304.9	305.1	305.2	304.8	303.8
31°	297.9	298.5	298.9	299.6	301.4	302.6	303.2	303.3	303.2	303.1	302.2
31.5°	296.0	296.7	296.9	297.8	299.5	300.6	301.2	301.5	301.4	301.2	300.4
32°	294.0	294.7	295.2	296.0	297.6	298.7	299.3	299.5	299.6	299.5	298.4
32.5°	292.0	292.7	293.3	294.2	295.9	296.9	297.6	297.6	297.8	297.5	296.7
33°	290.2	290.8	291.4	292.3	294.0	295.0	295.9	295.8	296.0	295.6	294.5
33.5°	288.2	288.9	289.3	290.2	291.9	292.7	293.9	293.8	293.9	293.6	292.6
34°	286.4	286.8	287.4	288.2	290.1	290.9	291.8	292.0	292.0	291.7	290.6
34.5°	284.3	284.9	285.4	286.2	288.1	289.0	289.7	290.1	290.1	289.8	288.8
35°	282.2	282.9	283.3	284.1	286.0	287.1	287.9	287.9	288.1	287.8	286.6
35.5°	280.2	280.8	281.3	282.3	283.8	285.2	285.8	285.9	286.1	285.7	284.7
36°	278.1	278.7	279.4	280.2	281.7	283.2	283.8	283.9	284.1	283.8	282.7
36.5°	276.2	276.7	277.3	278.2	279.9	280.9	281.8	282.1	282.1	281.9	280.7
37°	274.1	274.6	275.3	276.1	277.8	279.0	279.8	280.1	279.9	279.6	278.5
37.5°	272.0	272.5	273.2	274.1	275.8	277.1	277.5	278.1	278.0	277.6	276.8
38°	269.8	270.3	271.0	271.7	273.7	275.1	275.5	276.1	275.9	275.6	274.5
38.5°	267.5	268.0	268.9	269.7	271.6	272.8	273.6	273.8	273.9	273.4	272.4
39°	265.2	265.8	266.5	267.5	269.4	270.8	271.4	271.7	271.9	271.2	270.1
39.5°	262.9	263.4	264.2	265.3	267.4	268.4	269.2	269.4	269.7	269.1	268.0
40°	260.9	261.4	262.0	262.8	265.1	266.2	267.0	267.4	267.4	266.8	265.8
40.5°	258.4	259.1	259.8	260.8	262.8	264.0	264.6	265.3	265.1	264.7	263.6
41°	256.2	256.9	257.5	258.5	260.7	261.7	262.4	262.9	262.8	262.6	261.0
41.5°	253.9	254.6	255.3	256.3	258.3	259.4	260.1	260.6	260.5	260.2	258.8
42°	251.6	252.3	252.8	254.0	256.1	257.1	258.1	258.3	258.3	257.8	256.7
42.5°	249.1	249.9	250.6	251.7	253.6	254.6	255.8	256.0	256.0	255.7	254.4
43°	246.8	247.8	248.2	249.3	251.4	252.6	253.3	253.6	253.7	253.3	251.9
43.5°	244.5	245.2	245.8	246.9	249.1	250.2	250.9	251.4	251.5	251.0	249.8

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	237.0	238.0	238.6	239.7	242.0	243.2	243.8	244.3	244.1	243.9	242.6
45.5°	234.5	235.5	236.1	237.3	239.6	240.5	241.5	241.8	241.7	241.6	240.4
46°	232.3	233.1	233.8	234.8	237.1	238.2	239.0	239.4	239.2	238.9	237.7
46.5°	229.7	230.5	231.3	232.2	234.7	235.7	236.4	237.1	236.9	236.5	235.4
47°	227.3	228.0	228.5	229.7	232.0	233.3	234.1	234.7	234.5	234.2	232.9
47.5°	224.7	225.3	226.1	227.4	229.4	230.8	231.4	232.2	232.1	231.6	230.4
48°	222.1	222.8	223.7	224.7	226.7	228.2	228.9	229.6	229.7	229.2	227.8
48.5°	219.6	220.3	221.1	222.1	224.1	225.7	226.6	227.0	227.1	226.6	225.4
49°	216.7	217.9	218.4	219.4	221.5	223.0	224.1	224.4	224.4	224.0	222.7
49.5°	214.3	215.1	215.9	217.0	219.0	220.6	221.5	221.9	221.8	221.5	220.3
50°	211.4	212.4	213.2	214.5	216.4	218.2	218.8	219.4	219.4	219.0	217.5
50.5°	208.7	209.7	210.5	211.7	213.8	215.4	216.1	216.7	216.7	216.3	214.9
51°	206.0	207.1	207.8	209.0	211.2	212.8	213.5	214.1	214.1	213.8	212.3
51.5°	203.6	204.3	205.2	206.3	208.7	210.0	211.0	211.3	211.3	211.1	209.6
52°	200.9	201.8	202.6	203.7	206.0	207.3	208.3	208.8	208.9	208.4	207.0
52.5°	198.2	198.9	199.9	201.1	203.0	204.7	205.7	206.0	206.2	205.6	204.3
53°	195.5	196.3	197.1	198.5	200.4	202.1	203.0	203.4	203.5	203.0	201.7
53.5°	192.9	193.6	194.4	195.4	197.8	199.3	200.1	200.5	200.8	200.1	199.1
54°	190.1	190.9	191.7	192.6	195.0	196.6	197.5	197.7	197.9	197.6	196.2
54.5°	187.4	188.0	189.0	190.1	192.6	194.0	194.8	195.0	195.3	194.9	193.6
55°	184.4	185.3	186.2	187.4	189.7	191.4	192.2	192.5	192.9	192.2	191.1
55.5°	181.6	182.3	183.5	184.7	187.1	188.6	189.5	189.8	190.0	189.4	188.3
56°	178.9	179.5	180.6	181.8	184.3	185.7	186.6	186.9	187.1	186.7	185.4
56.5°	176.0	176.7	177.6	178.9	181.3	182.9	183.8	184.3	184.4	183.9	182.5
57°	173.3	173.9	174.7	176.0	178.6	179.9	181.1	181.4	181.4	180.9	179.6
57.5°	170.2	170.9	171.9	173.3	175.9	177.1	178.2	178.6	178.7	178.2	176.8
58°	167.3	168.0	169.0	170.3	172.9	174.4	175.3	175.8	175.8	175.2	174.0
58.5°	164.3	165.2	166.0	167.4	170.0	171.7	172.5	173.1	173.0	172.6	171.3
59°	161.4	162.2	163.2	164.5	167.1	168.5	169.5	170.3	169.9	169.5	168.4
59.5°	158.2	159.3	160.2	161.7	163.9	165.5	166.7	167.4	167.2	166.7	165.4
60°	155.4	156.3	157.4	158.8	161.1	162.6	163.7	164.5	164.3	163.7	162.4
60.5°	152.7	153.3	154.3	155.8	158.0	159.7	160.8	161.8	161.5	160.8	159.5
61°	149.8	150.6	151.5	152.8	155.1	156.8	157.7	158.8	158.5	158.0	156.6
61.5°	146.7	147.5	148.5	149.8	152.2	153.9	154.9	155.8	155.5	154.9	153.5
62°	143.7	144.6	145.5	146.9	149.5	151.1	152.0	152.7	152.4	152.1	150.8
62.5°	140.7	141.3	142.4	143.8	146.5	148.1	149.1	150.0	149.6	148.9	147.8
63°	137.5	138.3	139.3	140.8	143.6	145.1	146.1	146.7	146.7	146.0	144.6
63.5°	134.4	135.3	136.4	137.8	140.5	141.9	143.0	143.9	143.7	142.9	141.7
64°	131.5	132.1	133.3	134.5	137.4	138.9	139.9	140.9	140.6	139.9	138.6
64.5°	128.4	129.2	130.2	131.6	134.5	135.9	136.9	137.8	137.6	136.9	135.7
65°	125.3	126.1	127.1	128.5	131.3	132.8	134.0	134.6	134.6	133.9	132.6
65.5°	122.0	122.9	124.1	125.5	128.3	130.0	130.9	131.7	131.5	130.9	129.6
66°	119.0	119.8	120.9	122.3	125.6	126.8	127.8	128.7	128.4	127.9	126.5

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997153

CATALOG NUMBER: SMX4SLSFS010-1000LM-3500K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	109.7	110.8	111.6	113.0	116.0	117.7	118.7	119.4	119.3	118.4	117.1
68°	106.6	107.6	108.7	110.1	112.9	114.5	115.6	116.2	116.3	115.5	114.1
68.5°	103.4	104.5	105.6	107.1	110.1	111.4	112.5	113.0	113.1	112.4	111.0
69°	100.4	101.4	102.4	103.9	107.0	108.5	109.5	110.1	110.1	109.5	108.1
69.5°	97.3	98.1	99.3	100.7	103.8	105.2	106.4	107.1	106.9	106.3	104.9
70°	94.2	95.1	96.0	97.5	100.6	102.1	103.1	103.8	103.9	103.2	101.8
70.5°	90.9	91.8	93.0	94.4	97.5	99.1	100.2	100.7	100.8	100.0	98.7
71°	87.8	88.8	89.9	91.1	94.3	95.9	96.9	97.7	97.7	96.9	95.6
71.5°	84.8	85.6	86.5	88.1	91.0	92.8	93.8	94.4	94.5	93.9	92.4
72°	81.6	82.6	83.5	84.9	87.9	89.7	90.5	91.2	91.3	90.8	89.3
72.5°	78.5	79.3	80.3	81.8	84.8	86.6	87.5	88.0	88.1	87.5	86.0
73°	75.3	76.2	77.3	78.6	81.6	83.4	84.3	85.0	85.0	84.4	82.9
73.5°	72.3	73.2	74.1	75.5	78.6	80.3	81.1	81.8	81.9	81.3	79.7
74°	69.1	70.0	71.0	72.3	75.4	77.1	78.0	78.7	78.9	78.1	76.7
74.5°	66.1	67.0	68.2	69.4	72.3	74.1	74.9	75.6	75.5	74.9	73.6
75°	63.1	63.8	64.8	66.1	69.1	70.9	71.7	72.5	72.5	71.7	70.5
75.5°	60.0	60.8	61.8	63.1	66.2	68.1	68.8	69.2	69.4	68.9	67.5
76°	57.0	57.8	58.6	60.0	63.2	64.8	65.7	66.3	66.5	65.8	64.4
76.5°	53.8	54.7	55.6	56.8	60.1	61.8	62.6	63.2	63.2	62.8	61.3
77°	51.0	51.7	52.7	53.8	57.1	58.6	59.5	60.1	60.1	59.7	58.3
77.5°	48.2	48.7	49.7	51.0	54.2	55.7	56.5	57.1	57.0	56.5	55.3
78°	45.1	45.6	46.7	48.1	51.0	52.6	53.6	54.1	54.1	53.5	52.3
78.5°	42.2	42.8	44.0	45.1	48.1	49.6	50.5	51.1	51.1	50.7	49.3
79°	39.3	39.9	40.9	42.3	45.1	46.7	47.5	48.1	48.0	47.6	46.4
79.5°	36.5	37.2	38.1	39.3	42.3	43.8	44.5	45.2	45.1	44.6	43.3
80°	33.6	34.3	35.2	36.5	39.3	40.8	41.6	42.3	42.3	41.7	40.5
80.5°	31.0	31.6	32.6	33.6	36.6	38.0	38.8	39.3	39.5	39.0	37.8
81°	28.4	28.9	29.9	31.0	33.8	35.3	36.1	36.5	36.8	36.2	35.0
81.5°	26.1	26.5	27.6	28.4	31.1	32.5	33.3	33.7	33.8	33.4	32.2
82°	23.5	24.0	25.0	26.1	28.5	29.7	30.5	31.1	31.0	30.6	29.5
82.5°	21.0	21.6	22.6	23.6	26.2	27.2	27.9	28.4	28.5	28.1	27.0
83°	18.7	19.3	20.1	21.2	23.7	24.9	25.6	26.0	26.1	25.6	24.7
83.5°	16.4	16.9	17.8	18.8	21.1	22.4	23.1	23.5	23.6	23.1	22.2
84°	14.4	14.8	15.7	16.6	18.8	19.9	20.5	21.0	21.2	20.8	19.6
84.5°	12.3	12.7	13.7	14.5	16.5	17.6	18.3	18.7	18.8	18.4	17.4
85°	10.3	10.8	11.7	12.4	14.4	15.4	16.1	16.4	16.5	16.1	15.3
85.5°	8.6	9.0	9.8	10.6	12.3	13.3	13.8	14.2	14.3	13.9	13.2
86°	6.9	7.5	8.2	8.8	10.5	11.3	11.8	12.3	12.2	11.9	11.1
86.5°	5.4	5.9	6.8	7.2	8.5	9.4	9.8	10.2	10.2	9.9	9.3
87°	4.2	4.6	5.1	5.7	6.9	7.6	8.1	8.4	8.4	8.2	7.5
87.5°	3.1	3.5	4.1	4.4	5.6	6.0	6.4	6.7	6.8	6.5	6.0
88°	2.2	2.5	3.0	3.3	4.0	4.6	5.0	5.3	5.3	5.0	4.6
88.5°	1.5	1.7	2.1	2.3	2.8	3.3	3.6	3.8	3.8	3.6	3.3

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

Scaled Data Report



TEST NUMBER: P997153
CATALOG NUMBER: SMX4SLSFS010-1000LM-3500K

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: P997153

CATALOG NUMBER: SMX4SLSFS010-1000LM-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	360.4	360.4	360.4	360.4	360.4	360.4
0.5°	360.3	360.7	360.3	360.3	360.3	360.1
1°	360.1	360.3	360.2	360.5	360.1	360.1
1.5°	359.8	360.3	360.1	360.2	360.0	359.8
2°	359.9	360.3	360.0	360.3	359.7	359.6
2.5°	359.8	360.1	360.0	360.1	359.6	359.4
3°	359.7	360.1	359.9	359.7	359.5	359.3
3.5°	359.7	359.9	359.5	359.5	359.1	359.3
4°	359.4	359.3	359.3	359.3	358.8	359.0
4.5°	359.1	359.3	359.0	358.6	358.3	358.6
5°	358.9	358.9	358.7	358.6	357.8	358.1
5.5°	358.6	358.3	358.2	358.1	357.7	357.7
6°	358.1	357.8	357.7	357.7	357.3	357.2
6.5°	357.6	357.4	357.3	357.4	356.9	356.7
7°	357.3	357.1	356.8	356.9	356.5	356.4
7.5°	356.6	356.7	356.2	356.2	355.9	355.8
8°	356.1	356.3	355.7	355.8	355.3	355.3
8.5°	355.6	355.7	355.1	355.2	354.7	354.7
9°	355.1	355.0	354.6	354.4	354.1	354.1
9.5°	354.5	354.5	353.9	353.9	353.5	353.5
10°	354.1	354.0	353.3	353.3	352.6	352.9
10.5°	353.3	353.3	352.5	352.5	351.6	352.1
11°	352.7	352.6	351.8	351.8	351.1	351.4
11.5°	352.1	351.8	351.0	351.0	350.1	350.8
12°	351.3	351.1	350.4	350.2	349.5	350.0
12.5°	350.4	350.3	349.7	349.2	348.7	349.1
13°	349.7	349.6	348.7	348.6	348.1	348.2
13.5°	348.8	348.5	347.7	347.6	347.1	347.0
14°	347.8	347.7	346.9	346.6	346.2	346.3
14.5°	346.9	346.8	346.0	345.7	345.4	345.5
15°	345.9	345.5	344.8	344.9	344.5	344.5
15.5°	345.0	344.7	344.0	343.7	343.2	343.2
16°	344.1	343.7	342.6	342.7	342.1	342.4
16.5°	343.2	342.6	341.8	341.5	341.0	341.2
17°	342.0	341.4	340.8	340.4	339.9	340.0
17.5°	340.9	340.4	339.4	339.4	338.6	338.4
18°	340.0	339.2	338.3	338.2	337.8	337.4
18.5°	339.0	338.2	337.3	337.0	336.4	336.1
19°	337.7	337.1	336.1	335.7	335.1	335.1
19.5°	336.3	335.6	334.8	334.5	333.9	333.4
20°	335.1	334.5	333.6	333.0	332.8	332.4
20.5°	333.8	333.1	332.5	331.6	331.3	330.9
21°	332.4	331.7	331.0	330.6	330.2	329.8

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997153

CATALOG NUMBER: SMX4SLSFS010-1000LM-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	328.5	327.5	327.0	326.3	325.7	326.0
23°	327.1	326.1	325.5	325.0	324.3	324.3
23.5°	325.7	324.8	324.1	323.2	322.7	322.9
24°	324.3	323.2	322.6	322.0	321.3	321.4
24.5°	322.7	321.6	321.1	320.4	319.9	320.0
25°	321.1	320.3	319.3	319.0	318.6	318.4
25.5°	319.8	318.7	318.0	317.5	316.9	316.6
26°	318.2	317.3	316.4	316.0	315.2	315.0
26.5°	316.6	315.7	314.7	314.2	313.5	313.5
27°	314.9	314.2	313.0	312.8	312.1	312.0
27.5°	313.5	312.4	311.5	311.1	310.2	310.0
28°	311.7	310.7	309.7	309.3	308.4	308.6
28.5°	310.0	308.9	308.1	307.4	306.6	307.0
29°	308.3	307.2	306.3	305.8	304.9	305.2
29.5°	306.6	305.6	304.5	303.9	303.1	303.3
30°	304.7	303.8	303.0	302.3	301.3	301.6
30.5°	302.9	301.9	301.1	300.4	299.5	299.6
31°	301.1	300.1	299.1	298.4	297.6	297.9
31.5°	299.3	298.2	297.5	296.7	295.5	296.0
32°	297.5	296.3	295.2	294.8	293.9	294.0
32.5°	295.7	294.4	293.4	292.7	291.9	292.0
33°	293.8	292.6	291.8	290.8	290.0	290.2
33.5°	291.8	290.6	289.7	288.7	288.1	288.2
34°	289.7	288.6	287.8	287.0	286.2	286.4
34.5°	287.9	286.6	285.7	284.9	283.9	284.3
35°	285.8	284.6	283.6	282.7	282.0	282.2
35.5°	284.0	282.5	281.6	280.6	279.8	280.2
36°	281.8	280.6	279.4	278.6	277.9	278.1
36.5°	279.7	278.3	277.3	276.4	275.9	276.2
37°	277.7	276.5	275.5	274.5	273.7	274.1
37.5°	275.7	274.2	273.5	272.4	271.6	272.0
38°	273.7	272.2	271.0	270.2	269.4	269.8
38.5°	271.4	270.1	269.0	268.0	267.2	267.5
39°	269.1	267.7	266.5	265.7	265.2	265.2
39.5°	267.0	265.6	264.4	263.4	263.0	262.9
40°	264.7	263.7	262.0	261.5	260.6	260.9
40.5°	262.5	261.4	259.7	259.0	258.2	258.4
41°	260.1	259.0	257.4	256.9	256.1	256.2
41.5°	257.9	256.7	255.2	254.4	253.7	253.9
42°	255.8	254.4	253.0	252.0	251.4	251.6
42.5°	253.5	251.9	250.6	249.9	249.0	249.1
43°	251.0	249.7	248.2	247.2	246.6	246.8
43.5°	248.6	247.3	245.8	244.8	244.2	244.5

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997153

CATALOG NUMBER: SMX4SLSFS010-1000LM-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	241.5	239.9	238.4	237.8	236.9	237.0
45.5°	239.1	237.4	236.2	235.4	234.5	234.5
46°	236.5	235.0	233.8	232.8	232.1	232.3
46.5°	234.2	232.4	231.1	230.4	229.7	229.7
47°	231.6	230.1	228.7	227.8	227.0	227.3
47.5°	229.0	227.7	226.2	225.2	224.5	224.7
48°	226.7	225.0	223.7	222.6	222.0	222.1
48.5°	224.1	222.6	221.1	220.1	219.3	219.6
49°	221.6	219.9	218.5	217.3	216.9	216.7
49.5°	218.9	217.4	215.9	214.8	214.2	214.3
50°	216.4	214.7	213.2	212.1	211.5	211.4
50.5°	213.8	212.1	210.6	209.4	208.9	208.7
51°	211.0	209.4	207.7	206.8	206.3	206.0
51.5°	208.4	206.9	205.2	204.3	203.6	203.6
52°	205.8	204.3	202.3	201.4	200.9	200.9
52.5°	203.1	201.5	199.7	199.0	198.1	198.2
53°	200.4	198.8	196.8	196.2	195.4	195.5
53.5°	197.7	195.8	194.2	193.5	192.8	192.9
54°	195.0	193.3	191.4	190.7	190.0	190.1
54.5°	192.4	190.7	189.0	188.0	187.3	187.4
55°	189.8	187.9	186.1	185.1	184.3	184.4
55.5°	186.8	184.7	183.3	182.4	181.7	181.6
56°	184.2	182.0	180.5	179.4	178.8	178.9
56.5°	181.2	179.2	177.6	176.7	176.2	176.0
57°	178.6	176.4	174.6	173.6	173.2	173.3
57.5°	175.6	173.5	171.9	170.8	170.4	170.2
58°	173.0	170.7	168.9	168.0	167.5	167.3
58.5°	169.9	167.6	166.0	165.1	164.4	164.3
59°	167.2	164.7	163.1	162.2	161.6	161.4
59.5°	164.2	161.7	160.0	159.0	158.4	158.2
60°	161.3	158.8	157.1	156.3	155.5	155.4
60.5°	158.4	155.7	154.2	153.1	152.5	152.7
61°	155.6	153.0	151.3	150.4	149.8	149.8
61.5°	152.6	149.8	148.3	147.5	146.8	146.7
62°	149.7	146.7	145.3	144.4	143.5	143.7
62.5°	146.8	143.7	142.2	141.3	140.6	140.7
63°	143.9	140.9	139.1	138.3	137.5	137.5
63.5°	140.8	137.6	136.1	135.1	134.5	134.4
64°	137.7	134.7	133.1	132.1	131.4	131.5
64.5°	134.6	131.6	130.1	129.1	128.4	128.4
65°	131.5	128.7	127.0	126.1	125.3	125.3
65.5°	128.4	125.2	123.8	122.8	122.2	122.0
66°	125.3	122.4	120.7	119.7	119.2	119.0

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997153

CATALOG NUMBER: SMX4SLSFS010-1000LM-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	115.9	113.0	111.4	110.6	110.0	109.7
68°	112.8	110.0	108.3	107.4	106.8	106.6
68.5°	109.9	106.9	105.3	104.1	103.7	103.4
69°	106.7	103.8	102.1	101.2	100.7	100.4
69.5°	103.6	100.5	99.0	98.0	97.5	97.3
70°	100.4	97.5	95.9	94.9	94.3	94.2
70.5°	97.4	94.3	92.8	91.6	91.1	90.9
71°	94.3	91.4	89.6	88.6	87.9	87.8
71.5°	91.0	88.0	86.5	85.5	84.7	84.8
72°	87.9	85.0	83.3	82.3	81.7	81.6
72.5°	84.8	81.7	80.3	79.1	78.4	78.5
73°	81.7	78.6	77.0	76.0	75.3	75.3
73.5°	78.4	75.4	74.1	72.9	72.1	72.3
74°	75.3	72.5	70.8	69.8	69.2	69.1
74.5°	72.2	69.3	67.9	67.0	65.9	66.1
75°	69.3	66.1	64.8	63.6	63.2	63.1
75.5°	66.2	63.1	61.7	60.5	59.8	60.0
76°	63.1	60.2	58.6	57.5	56.9	57.0
76.5°	60.1	57.0	55.4	54.4	53.9	53.8
77°	57.0	54.0	52.5	51.4	50.8	51.0
77.5°	54.0	51.0	49.5	48.5	47.9	48.2
78°	50.9	48.2	46.5	45.5	44.9	45.1
78.5°	47.8	45.2	43.7	42.8	41.9	42.2
79°	45.1	42.3	40.7	39.7	39.1	39.3
79.5°	42.3	39.4	37.9	37.0	36.4	36.5
80°	39.4	36.6	35.1	34.2	33.6	33.6
80.5°	36.5	33.8	32.5	31.5	31.0	31.0
81°	33.7	31.1	29.8	28.8	28.3	28.4
81.5°	31.2	28.5	27.4	26.5	26.0	26.1
82°	28.5	26.2	24.8	23.9	23.4	23.5
82.5°	26.0	23.7	22.4	21.5	21.0	21.0
83°	23.7	21.3	19.9	19.2	18.7	18.7
83.5°	21.1	18.9	17.7	17.0	16.4	16.4
84°	18.8	16.7	15.6	14.8	14.3	14.4
84.5°	16.5	14.5	13.4	12.7	12.2	12.3
85°	14.4	12.4	11.5	10.8	10.5	10.3
85.5°	12.4	10.6	9.5	9.1	8.5	8.6
86°	10.4	8.7	7.9	7.4	6.9	6.9
86.5°	8.6	7.0	6.5	5.9	5.5	5.4
87°	7.0	5.7	4.9	4.5	4.2	4.2
87.5°	5.4	4.4	3.6	3.3	3.1	3.1
88°	4.0	3.3	2.7	2.3	2.1	2.2
88.5°	2.7	2.4	1.8	1.6	1.4	1.5

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Scaled Data Report



TEST NUMBER: P997153

CATALOG NUMBER: SMX4SLSFS010-1000LM-3500K

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

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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°	328.3	329.2	329.5	329.9	331.3	332.3	332.5	332.8	332.6	332.4	331.9
22°	327.5	327.8	328.1	328.7	330.1	331.2	331.1	331.5	331.2	331.4	330.6



44°	242.0	242.8	243.3	244.3	246.6	247.9	248.5	249.0	249.0	248.5	247.3
44.5°	239.6	240.4	241.0	242.0	244.4	245.5	246.1	246.7	246.6	246.2	245.0



66.5°	115.9	116.7	117.7	119.2	122.2	123.7	124.7	125.6	125.5	124.6	123.4
67°	112.6	113.7	114.7	116.0	119.1	120.7	121.7	122.5	122.3	121.5	120.4

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89°	0.8	1.0	1.4	1.5	1.8	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	1.6	1.2

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21.5°	331.1	330.2	329.5	329.5	328.5	328.3
22°	329.9	329.0	328.2	327.8	326.9	327.5

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44°	246.3	244.8	243.3	242.4	242.1	242.0
44.5°	243.8	242.4	240.8	240.2	239.3	239.6

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66.5°	122.2	119.0	117.6	116.4	116.1	115.9
67°	119.2	116.1	114.7	113.5	113.1	112.6

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

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(END OF REPORT)