

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: P997155

Luminaire Tested: **SMX4SLSFS010-1000LM-5000K**

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: P997155
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-5000K
Description: 4IN SQAURE, 90CRI, 0-10V DIMMING, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 5000K CCT
Ballast/Driver: -

Summary

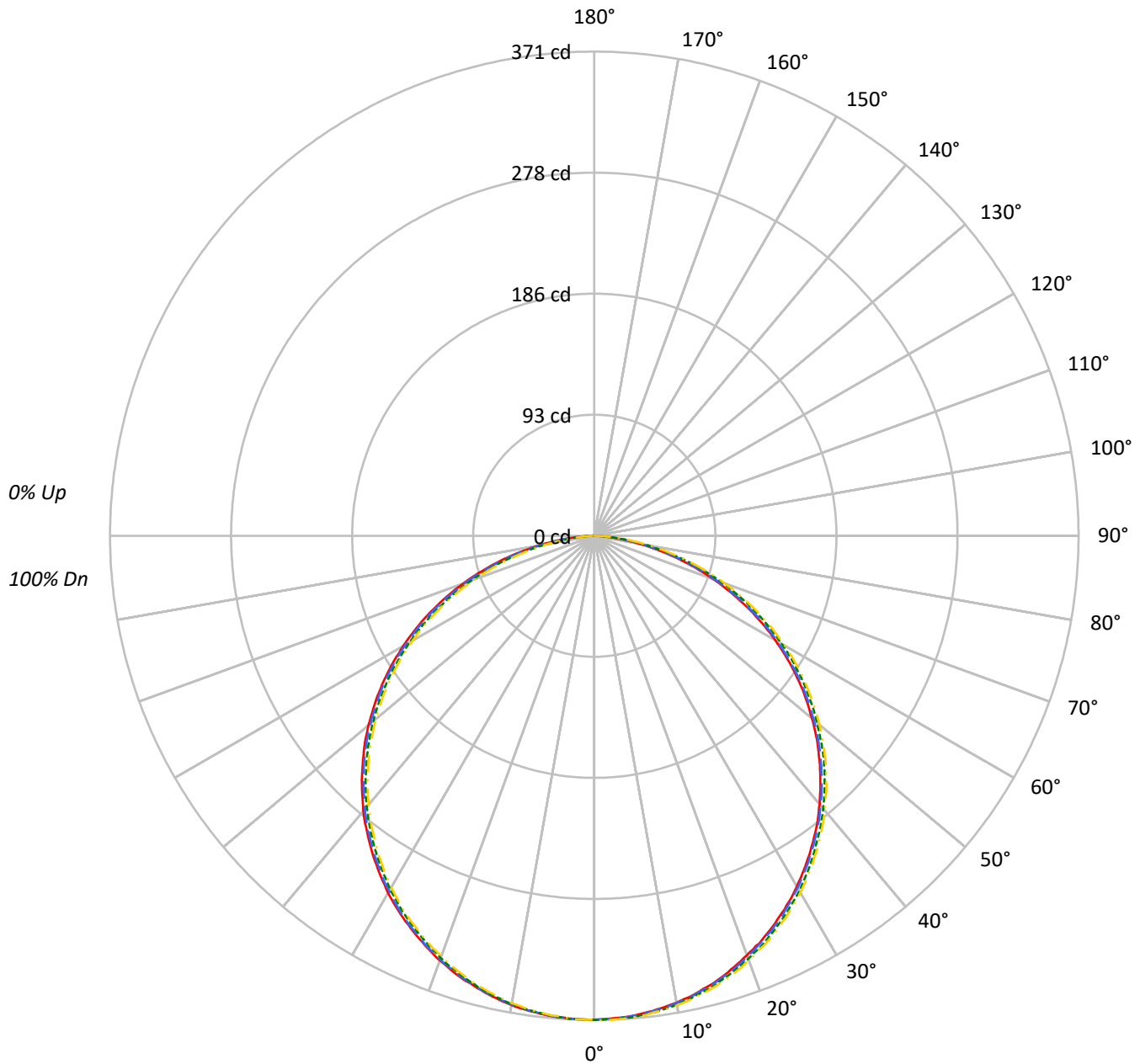
Lumens per Lamp: N/A
Luminaire Lumens: 1058.8 lumens
Efficiency: N/A
Efficacy: 95.4 lumens/watt
Spacing Criteria (0/90/45): 1.25 / 1.26 / 1.37
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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°	36661	36661	36661	36661
5°	36572	36672	36662	36642
10°	36453	36634	36644	36564
15°	36276	36491	36521	36388
20°	35984	36279	36415	36205
25°	35739	36055	36230	35946
30°	35427	35849	36066	35678
35°	35041	35511	35777	35342
40°	34644	35199	35509	35006
45°	34093	34806	35114	34499
50°	33461	34245	34722	33968
55°	32690	33638	34207	33328
60°	31630	32776	33428	32321
65°	30171	31621	32392	30966
70°	28033	29911	30894	28986
75°	24785	27191	28490	25969
80°	19695	23053	24818	21459
85°	12021	16784	19166	14516



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	35.1	3.3
10°-20°	100.4	9.5
20°-30°	152.1	14.4
30°-40°	183.6	17.3
40°-50°	191.1	18.0
50°-60°	173.3	16.4
60°-70°	132.2	12.5
70°-80°	73.8	7.0
80°-90°	17.2	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°	287.7	27.2
0°-40°	471.3	44.5
0°-60°	835.7	78.9
0°-90°	1058.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1058.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	371	371	371	371	371	
5°	369	370	370	369	369	35
15°	354	357	357	356	354	100
25°	328	331	332	330	328	151
35°	290	294	296	293	290	182
45°	244	249	251	247	244	188
55°	190	195	198	193	190	169
65°	129	135	138	132	129	127
75°	65	71	75	68	65	69
85°	11	15	17	13	11	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°	370.9	370.9	370.9	370.9	370.9	370.9	370.9	370.9	370.9	370.9	370.9
0.5°	370.6	370.5	370.9	370.7	370.8	370.7	371.3	370.9	370.8	371.0	370.7
1°	370.6	370.5	370.5	370.6	370.8	370.5	371.2	370.9	370.8	371.0	370.8
1.5°	370.3	370.7	370.4	370.3	370.7	370.8	371.2	370.8	370.7	370.8	370.7
2°	370.1	370.5	370.3	370.2	370.6	370.9	371.2	370.8	370.6	370.8	370.5
2.5°	369.8	370.4	370.2	370.2	370.6	370.7	370.9	370.7	370.6	370.7	370.5
3°	369.8	370.3	370.1	370.1	370.5	370.3	370.9	370.5	370.4	370.5	370.3
3.5°	369.7	370.0	369.8	369.8	370.2	370.1	370.8	370.3	370.1	370.5	370.2
4°	369.4	369.7	369.7	369.7	370.3	370.0	370.3	370.1	369.9	370.3	369.8
4.5°	369.0	369.4	369.3	369.3	370.0	369.8	370.3	369.8	369.8	370.1	369.7
5°	368.6	369.0	368.9	368.9	369.6	369.5	369.9	369.6	369.5	369.9	369.5
5.5°	368.1	368.4	368.7	368.8	369.1	369.3	369.6	369.4	369.3	369.5	369.2
6°	367.6	368.1	368.1	368.4	368.7	368.9	369.5	368.9	368.8	369.1	368.7
6.5°	367.1	367.7	367.6	367.9	368.5	368.5	368.9	368.7	368.5	369.0	368.4
7°	366.8	367.2	367.2	367.4	368.1	368.1	368.2	368.5	367.9	368.5	367.8
7.5°	366.1	366.6	366.5	366.8	367.7	367.7	367.8	367.9	367.8	367.9	367.4
8°	365.7	366.2	366.0	366.2	367.1	367.3	367.6	367.4	367.3	367.5	367.1
8.5°	365.1	365.5	365.5	365.6	366.5	366.8	367.0	366.8	366.8	366.9	366.4
9°	364.4	364.9	364.9	365.0	365.9	366.1	366.6	366.3	366.3	366.3	365.7
9.5°	363.8	364.2	364.1	364.5	365.4	365.5	365.9	365.7	365.8	365.9	365.6
10°	363.2	363.4	363.4	363.6	365.0	364.9	365.4	365.2	365.1	365.5	364.7
10.5°	362.4	362.6	362.7	363.2	363.9	364.4	364.7	364.5	364.4	364.7	364.2
11°	361.6	362.0	362.1	362.1	363.0	363.6	364.1	363.8	363.8	363.9	363.2
11.5°	361.0	361.0	361.3	361.4	362.5	362.9	363.4	363.1	363.1	363.3	362.8
12°	360.2	360.3	360.6	360.6	361.7	362.2	362.6	362.3	362.2	362.4	361.9
12.5°	359.3	359.3	359.6	359.9	360.6	361.1	361.5	361.7	361.5	361.8	361.1
13°	358.3	358.6	358.7	359.0	359.9	360.5	360.9	360.8	360.6	361.0	360.3
13.5°	357.2	357.7	357.8	358.1	359.1	359.7	360.1	360.1	359.9	360.0	359.4
14°	356.4	356.8	356.9	357.3	358.2	358.7	359.4	359.1	358.8	359.1	358.4
14.5°	355.5	355.6	355.9	356.2	357.1	357.8	358.4	358.1	358.1	358.3	357.6
15°	354.5	354.8	354.9	355.1	356.6	357.0	357.6	357.3	356.9	357.4	356.6
15.5°	353.2	353.6	353.9	354.1	355.2	355.7	356.5	356.4	355.9	356.4	355.7
16°	352.3	352.5	352.9	353.0	354.1	355.1	355.5	355.6	355.2	355.6	354.6
16.5°	351.1	351.3	351.7	352.0	353.0	354.0	354.5	354.5	354.3	354.5	353.7
17°	349.9	350.3	350.6	350.9	352.0	352.8	353.3	353.4	353.1	353.2	352.5
17.5°	348.3	349.2	349.5	349.8	350.9	351.7	352.3	352.2	352.2	352.2	351.4
18°	347.2	348.1	348.4	348.6	349.8	350.6	351.3	350.9	350.9	351.0	350.2
18.5°	345.9	346.7	347.0	347.6	348.5	349.5	350.1	350.0	349.8	349.9	349.2
19°	344.8	345.5	345.7	346.3	347.3	348.4	348.8	348.9	348.4	348.6	347.9
19.5°	343.2	344.2	344.5	345.1	346.2	347.0	347.4	347.4	347.3	347.4	346.8
20°	342.1	342.9	343.2	343.8	344.9	346.0	346.1	346.1	346.2	346.1	345.3
20.5°	340.5	341.5	341.8	342.6	343.5	344.6	345.0	345.0	345.1	344.8	344.2
21°	339.4	340.2	340.5	341.0	342.1	343.3	343.5	343.6	343.6	343.5	342.9

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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°	335.4	335.9	336.2	336.8	338.3	339.2	339.8	339.7	339.5	339.8	338.9
23°	333.8	334.4	334.8	335.2	336.8	338.0	338.3	338.5	338.0	338.4	337.4
23.5°	332.3	332.9	333.2	333.9	335.2	336.2	336.9	336.8	336.6	336.9	335.9
24°	330.8	331.3	332.0	332.3	333.7	334.6	335.4	335.3	335.2	335.4	334.3
24.5°	329.3	329.7	330.3	330.8	332.3	333.2	334.0	334.0	333.7	333.8	332.9
25°	327.7	328.3	328.7	329.1	330.6	331.9	332.3	332.3	332.2	332.4	331.4
25.5°	325.8	326.6	327.2	327.9	329.1	330.2	330.8	330.8	330.6	330.9	329.9
26°	324.2	325.1	325.8	326.3	327.6	328.6	329.0	329.4	329.1	329.0	328.3
26.5°	322.6	323.4	324.0	324.6	326.0	327.0	327.6	327.9	327.6	327.6	326.9
27°	321.1	321.6	322.0	323.0	324.3	325.4	326.0	326.1	326.0	326.1	325.1
27.5°	319.0	319.8	320.2	321.2	322.6	323.6	324.3	324.6	324.4	324.3	323.4
28°	317.6	318.2	318.7	319.4	320.9	322.0	322.6	322.7	322.7	322.7	321.7
28.5°	315.9	316.3	316.9	317.6	319.2	320.2	321.0	321.1	321.1	321.0	320.0
29°	314.1	314.7	315.1	315.7	317.6	318.5	319.3	319.2	319.3	319.2	318.2
29.5°	312.1	313.0	313.2	314.1	315.9	316.6	317.5	317.5	317.7	317.4	316.6
30°	310.4	311.0	311.5	312.1	314.1	314.9	315.6	315.8	316.0	315.8	314.5
30.5°	308.3	309.0	309.6	310.4	312.1	313.1	313.8	314.0	314.1	313.7	312.7
31°	306.6	307.2	307.6	308.3	310.2	311.4	312.0	312.2	312.0	311.9	311.0
31.5°	304.6	305.4	305.6	306.5	308.2	309.4	310.0	310.3	310.2	310.0	309.2
32°	302.6	303.3	303.8	304.6	306.3	307.4	308.0	308.2	308.4	308.2	307.1
32.5°	300.5	301.2	301.9	302.7	304.5	305.6	306.2	306.2	306.4	306.2	305.3
33°	298.6	299.3	299.9	300.8	302.5	303.6	304.5	304.5	304.6	304.2	303.1
33.5°	296.6	297.3	297.8	298.7	300.4	301.3	302.5	302.4	302.4	302.2	301.1
34°	294.7	295.2	295.7	296.6	298.5	299.4	300.3	300.5	300.5	300.2	299.1
34.5°	292.6	293.2	293.7	294.6	296.4	297.4	298.1	298.5	298.5	298.3	297.3
35°	290.4	291.1	291.6	292.4	294.3	295.5	296.3	296.3	296.5	296.2	295.0
35.5°	288.4	289.0	289.5	290.5	292.0	293.5	294.1	294.3	294.4	294.0	293.0
36°	286.2	286.8	287.5	288.4	289.9	291.5	292.1	292.2	292.4	292.0	290.9
36.5°	284.2	284.7	285.4	286.3	288.0	289.1	290.0	290.3	290.4	290.1	288.8
37°	282.1	282.6	283.3	284.1	285.9	287.1	287.9	288.3	288.1	287.7	286.6
37.5°	279.9	280.4	281.2	282.1	283.9	285.2	285.6	286.2	286.1	285.7	284.8
38°	277.7	278.2	278.9	279.6	281.7	283.1	283.6	284.2	283.9	283.6	282.5
38.5°	275.3	275.8	276.7	277.5	279.5	280.8	281.5	281.8	281.9	281.4	280.3
39°	273.0	273.6	274.3	275.3	277.2	278.7	279.3	279.6	279.8	279.0	278.0
39.5°	270.6	271.1	271.8	273.0	275.2	276.2	277.0	277.3	277.5	277.0	275.8
40°	268.5	269.1	269.6	270.5	272.8	273.9	274.7	275.2	275.2	274.6	273.5
40.5°	265.9	266.6	267.3	268.4	270.5	271.7	272.3	273.0	272.9	272.4	271.3
41°	263.6	264.4	265.0	266.0	268.3	269.4	270.0	270.5	270.4	270.2	268.6
41.5°	261.3	262.0	262.7	263.8	265.8	267.0	267.6	268.2	268.1	267.8	266.3
42°	258.9	259.7	260.1	261.4	263.5	264.6	265.6	265.8	265.8	265.4	264.2
42.5°	256.3	257.1	257.9	259.1	261.0	262.1	263.3	263.4	263.5	263.1	261.8
43°	253.9	255.0	255.4	256.6	258.7	259.9	260.7	261.0	261.1	260.7	259.2
43.5°	251.6	252.3	253.0	254.1	256.3	257.5	258.2	258.8	258.8	258.3	257.0

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	243.9	244.9	245.5	246.7	249.0	250.2	250.9	251.4	251.2	251.0	249.7
45.5°	241.3	242.4	243.0	244.2	246.6	247.5	248.5	248.8	248.7	248.6	247.4
46°	239.0	239.9	240.6	241.6	244.0	245.2	246.0	246.4	246.2	245.9	244.6
46.5°	236.4	237.3	238.0	239.0	241.5	242.6	243.3	244.0	243.8	243.4	242.2
47°	233.9	234.7	235.2	236.4	238.8	240.1	240.9	241.5	241.3	241.1	239.7
47.5°	231.3	231.9	232.7	234.0	236.1	237.5	238.2	238.9	238.9	238.4	237.1
48°	228.6	229.3	230.2	231.2	233.3	234.9	235.5	236.3	236.4	235.8	234.4
48.5°	226.0	226.7	227.5	228.6	230.7	232.3	233.2	233.6	233.7	233.2	232.0
49°	223.0	224.2	224.8	225.8	228.0	229.5	230.6	231.0	230.9	230.6	229.2
49.5°	220.5	221.4	222.2	223.3	225.3	227.0	228.0	228.4	228.3	228.0	226.7
50°	217.6	218.5	219.5	220.7	222.7	224.6	225.2	225.8	225.8	225.3	223.8
50.5°	214.8	215.8	216.6	217.9	220.0	221.7	222.4	223.0	223.0	222.6	221.2
51°	212.0	213.1	213.9	215.1	217.4	219.0	219.8	220.3	220.3	220.0	218.5
51.5°	209.5	210.3	211.2	212.3	214.8	216.1	217.2	217.5	217.5	217.2	215.7
52°	206.8	207.6	208.5	209.6	212.0	213.3	214.4	214.9	215.0	214.5	213.0
52.5°	204.0	204.7	205.7	206.9	209.0	210.6	211.7	212.0	212.2	211.6	210.2
53°	201.2	202.0	202.8	204.2	206.2	208.0	208.9	209.3	209.4	208.9	207.5
53.5°	198.6	199.3	200.1	201.1	203.5	205.1	205.9	206.4	206.7	206.0	204.9
54°	195.7	196.5	197.3	198.3	200.6	202.3	203.3	203.5	203.7	203.3	202.0
54.5°	192.8	193.5	194.5	195.6	198.2	199.7	200.5	200.7	201.0	200.6	199.3
55°	189.7	190.7	191.6	192.9	195.2	197.0	197.8	198.2	198.5	197.8	196.7
55.5°	186.9	187.6	188.8	190.1	192.5	194.1	195.0	195.3	195.5	195.0	193.8
56°	184.1	184.7	185.8	187.1	189.7	191.1	192.0	192.4	192.6	192.1	190.8
56.5°	181.1	181.8	182.8	184.1	186.6	188.2	189.2	189.7	189.8	189.2	187.9
57°	178.4	179.0	179.8	181.1	183.8	185.2	186.4	186.7	186.7	186.2	184.8
57.5°	175.2	175.9	176.9	178.3	181.0	182.2	183.4	183.8	183.9	183.4	181.9
58°	172.2	172.9	173.9	175.3	177.9	179.5	180.4	180.9	181.0	180.3	179.1
58.5°	169.1	170.0	170.8	172.3	175.0	176.7	177.6	178.1	178.0	177.6	176.2
59°	166.1	167.0	167.9	169.3	172.0	173.4	174.5	175.3	174.8	174.4	173.3
59.5°	162.9	163.9	164.8	166.4	168.7	170.3	171.5	172.2	172.0	171.5	170.2
60°	160.0	160.9	162.0	163.4	165.8	167.3	168.5	169.3	169.1	168.4	167.1
60.5°	157.1	157.7	158.8	160.3	162.6	164.3	165.5	166.5	166.2	165.4	164.2
61°	154.2	154.9	155.9	157.2	159.7	161.4	162.3	163.4	163.1	162.6	161.1
61.5°	151.0	151.8	152.8	154.2	156.6	158.3	159.4	160.4	160.0	159.5	157.9
62°	147.9	148.8	149.8	151.2	153.9	155.5	156.4	157.2	156.9	156.5	155.2
62.5°	144.8	145.4	146.6	148.0	150.7	152.4	153.4	154.4	154.0	153.3	152.1
63°	141.5	142.3	143.4	144.9	147.7	149.3	150.4	151.0	150.9	150.3	148.8
63.5°	138.3	139.2	140.3	141.8	144.6	146.0	147.2	148.1	147.9	147.0	145.8
64°	135.4	136.0	137.2	138.4	141.4	143.0	144.0	145.0	144.7	144.0	142.6
64.5°	132.1	132.9	134.0	135.4	138.4	139.9	140.9	141.8	141.6	140.8	139.6
65°	129.0	129.7	130.8	132.3	135.2	136.7	137.9	138.5	138.5	137.8	136.5
65.5°	125.6	126.5	127.7	129.2	132.0	133.8	134.7	135.5	135.3	134.7	133.4
66°	122.4	123.3	124.4	125.9	129.3	130.5	131.5	132.5	132.1	131.7	130.2

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997155

CATALOG NUMBER: SMX4SLSFS010-1000LM-5000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	112.9	114.0	114.8	116.3	119.4	121.1	122.1	122.9	122.8	121.8	120.5
68°	109.7	110.8	111.8	113.3	116.2	117.8	118.9	119.6	119.7	118.9	117.4
68.5°	106.5	107.5	108.7	110.2	113.3	114.7	115.7	116.3	116.4	115.6	114.2
69°	103.3	104.3	105.4	106.9	110.1	111.6	112.7	113.3	113.3	112.6	111.2
69.5°	100.1	101.0	102.2	103.7	106.8	108.3	109.5	110.2	110.1	109.4	108.0
70°	97.0	97.9	98.8	100.4	103.5	105.1	106.1	106.8	106.9	106.2	104.8
70.5°	93.5	94.5	95.7	97.2	100.3	101.9	103.1	103.7	103.8	103.0	101.6
71°	90.4	91.4	92.5	93.8	97.0	98.7	99.7	100.5	100.6	99.7	98.4
71.5°	87.3	88.1	89.1	90.6	93.6	95.5	96.5	97.1	97.2	96.6	95.1
72°	84.0	85.0	85.9	87.4	90.5	92.3	93.2	93.9	94.0	93.4	91.9
72.5°	80.8	81.7	82.7	84.2	87.3	89.1	90.0	90.6	90.6	90.0	88.5
73°	77.5	78.4	79.5	80.9	84.0	85.8	86.8	87.5	87.5	86.8	85.3
73.5°	74.4	75.3	76.3	77.7	80.9	82.6	83.5	84.1	84.3	83.6	82.0
74°	71.1	72.1	73.1	74.4	77.6	79.3	80.2	80.9	81.2	80.4	78.9
74.5°	68.0	69.0	70.2	71.4	74.4	76.2	77.1	77.8	77.7	77.1	75.8
75°	64.9	65.7	66.7	68.1	71.2	72.9	73.8	74.6	74.6	73.8	72.6
75.5°	61.7	62.6	63.6	64.9	68.1	70.1	70.8	71.2	71.4	70.9	69.5
76°	58.7	59.5	60.3	61.7	65.0	66.7	67.6	68.2	68.4	67.7	66.3
76.5°	55.4	56.3	57.3	58.5	61.9	63.6	64.4	65.0	65.0	64.7	63.1
77°	52.5	53.2	54.2	55.4	58.7	60.3	61.3	61.8	61.9	61.4	60.0
77.5°	49.6	50.1	51.1	52.4	55.7	57.3	58.1	58.8	58.7	58.2	56.9
78°	46.4	47.0	48.1	49.5	52.5	54.2	55.1	55.7	55.7	55.1	53.8
78.5°	43.5	44.0	45.2	46.4	49.5	51.0	51.9	52.6	52.6	52.1	50.7
79°	40.4	41.1	42.1	43.5	46.4	48.0	48.9	49.5	49.4	49.0	47.7
79.5°	37.6	38.3	39.2	40.4	43.5	45.1	45.8	46.5	46.4	45.9	44.6
80°	34.6	35.3	36.2	37.5	40.5	42.0	42.8	43.5	43.6	42.9	41.6
80.5°	31.9	32.5	33.5	34.6	37.7	39.1	39.9	40.5	40.6	40.1	38.9
81°	29.3	29.7	30.8	31.9	34.8	36.3	37.1	37.6	37.9	37.3	36.0
81.5°	26.8	27.3	28.4	29.2	32.1	33.4	34.3	34.7	34.8	34.4	33.2
82°	24.2	24.7	25.7	26.8	29.3	30.6	31.3	32.0	31.9	31.5	30.3
82.5°	21.6	22.2	23.2	24.3	27.0	28.0	28.7	29.2	29.3	28.9	27.7
83°	19.2	19.8	20.7	21.8	24.4	25.6	26.3	26.8	26.9	26.3	25.5
83.5°	16.9	17.4	18.3	19.4	21.7	23.1	23.8	24.2	24.3	23.8	22.8
84°	14.8	15.3	16.2	17.1	19.3	20.5	21.1	21.6	21.8	21.4	20.2
84.5°	12.7	13.0	14.1	14.9	17.0	18.1	18.9	19.3	19.3	18.9	17.9
85°	10.6	11.1	12.0	12.8	14.8	15.8	16.5	16.8	16.9	16.5	15.8
85.5°	8.9	9.3	10.1	10.9	12.7	13.7	14.2	14.6	14.7	14.3	13.5
86°	7.1	7.7	8.4	9.1	10.8	11.6	12.2	12.6	12.5	12.2	11.5
86.5°	5.6	6.0	7.0	7.4	8.8	9.6	10.1	10.4	10.5	10.2	9.6
87°	4.3	4.7	5.3	5.9	7.1	7.9	8.4	8.7	8.7	8.4	7.8
87.5°	3.2	3.6	4.2	4.5	5.8	6.2	6.6	6.9	7.0	6.7	6.1
88°	2.2	2.6	3.1	3.4	4.1	4.8	5.1	5.5	5.5	5.2	4.7
88.5°	1.5	1.7	2.1	2.4	2.8	3.4	3.7	3.9	4.0	3.7	3.4

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

Scaled Data Report



TEST NUMBER: P997155
CATALOG NUMBER: SMX4SLSFS010-1000LM-5000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997155

CATALOG NUMBER: SMX4SLSFS010-1000LM-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	370.9	370.9	370.9	370.9	370.9	370.9
0.5°	370.7	371.2	370.8	370.8	370.8	370.6
1°	370.6	370.8	370.7	371.0	370.6	370.6
1.5°	370.3	370.8	370.6	370.7	370.4	370.3
2°	370.3	370.8	370.4	370.8	370.2	370.1
2.5°	370.3	370.6	370.5	370.6	370.1	369.8
3°	370.2	370.6	370.4	370.2	370.0	369.8
3.5°	370.2	370.3	370.0	370.0	369.5	369.7
4°	369.9	369.8	369.8	369.7	369.2	369.4
4.5°	369.5	369.8	369.4	369.1	368.7	369.0
5°	369.3	369.3	369.2	369.1	368.2	368.6
5.5°	369.1	368.8	368.6	368.5	368.1	368.1
6°	368.5	368.2	368.1	368.1	367.7	367.6
6.5°	368.0	367.9	367.7	367.8	367.3	367.1
7°	367.7	367.5	367.1	367.3	366.9	366.8
7.5°	366.9	367.1	366.6	366.6	366.2	366.1
8°	366.5	366.7	366.1	366.2	365.7	365.7
8.5°	365.9	366.1	365.5	365.5	365.1	365.1
9°	365.4	365.3	364.9	364.7	364.4	364.4
9.5°	364.8	364.8	364.2	364.2	363.8	363.8
10°	364.4	364.3	363.6	363.6	362.9	363.2
10.5°	363.6	363.6	362.7	362.8	361.9	362.4
11°	363.0	362.9	362.1	362.0	361.3	361.6
11.5°	362.4	362.0	361.2	361.3	360.3	361.0
12°	361.6	361.4	360.6	360.4	359.7	360.2
12.5°	360.6	360.5	359.9	359.4	358.9	359.3
13°	359.8	359.8	358.9	358.7	358.2	358.3
13.5°	358.9	358.6	357.8	357.8	357.3	357.2
14°	357.9	357.9	357.0	356.7	356.3	356.4
14.5°	357.1	356.9	356.1	355.8	355.5	355.5
15°	356.0	355.6	354.9	355.0	354.6	354.5
15.5°	355.0	354.8	354.0	353.7	353.2	353.2
16°	354.2	353.7	352.6	352.7	352.0	352.3
16.5°	353.2	352.5	351.8	351.5	350.9	351.1
17°	352.0	351.4	350.7	350.3	349.8	349.9
17.5°	350.9	350.3	349.3	349.3	348.5	348.3
18°	349.9	349.1	348.2	348.0	347.6	347.2
18.5°	348.8	348.0	347.2	346.9	346.2	345.9
19°	347.5	346.9	345.9	345.5	344.8	344.8
19.5°	346.1	345.4	344.5	344.2	343.7	343.2
20°	344.9	344.2	343.4	342.7	342.5	342.1
20.5°	343.5	342.9	342.2	341.3	341.0	340.5
21°	342.1	341.3	340.6	340.2	339.8	339.4

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997155

CATALOG NUMBER: SMX4SLSFS010-1000LM-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	338.1	337.0	336.5	335.8	335.1	335.4
23°	336.7	335.6	335.0	334.4	333.7	333.8
23.5°	335.2	334.2	333.6	332.6	332.1	332.3
24°	333.7	332.6	332.0	331.4	330.7	330.8
24.5°	332.1	330.9	330.5	329.7	329.2	329.3
25°	330.5	329.6	328.6	328.3	327.9	327.7
25.5°	329.1	328.0	327.2	326.8	326.1	325.8
26°	327.5	326.6	325.6	325.2	324.4	324.2
26.5°	325.8	324.9	323.9	323.3	322.7	322.6
27°	324.1	323.4	322.1	321.9	321.2	321.1
27.5°	322.6	321.5	320.6	320.2	319.3	319.0
28°	320.8	319.8	318.7	318.3	317.4	317.6
28.5°	319.0	317.9	317.0	316.3	315.6	315.9
29°	317.3	316.2	315.2	314.7	313.7	314.1
29.5°	315.5	314.5	313.4	312.8	311.9	312.1
30°	313.6	312.6	311.8	311.1	310.0	310.4
30.5°	311.7	310.7	309.9	309.2	308.2	308.3
31°	309.9	308.8	307.9	307.1	306.3	306.6
31.5°	308.0	306.9	306.2	305.3	304.2	304.6
32°	306.2	305.0	303.8	303.4	302.4	302.6
32.5°	304.3	303.0	302.0	301.2	300.4	300.5
33°	302.4	301.1	300.3	299.3	298.5	298.6
33.5°	300.3	299.1	298.2	297.1	296.5	296.6
34°	298.2	297.1	296.1	295.3	294.5	294.7
34.5°	296.3	294.9	294.1	293.2	292.2	292.6
35°	294.1	292.9	291.8	290.9	290.3	290.4
35.5°	292.3	290.8	289.8	288.8	288.0	288.4
36°	290.0	288.7	287.5	286.7	286.0	286.2
36.5°	287.8	286.5	285.4	284.5	284.0	284.2
37°	285.8	284.5	283.5	282.5	281.6	282.1
37.5°	283.7	282.2	281.5	280.4	279.5	279.9
38°	281.6	280.2	278.9	278.1	277.3	277.7
38.5°	279.3	278.0	276.9	275.8	275.0	275.3
39°	277.0	275.5	274.3	273.5	272.9	273.0
39.5°	274.8	273.4	272.1	271.1	270.6	270.6
40°	272.4	271.3	269.6	269.1	268.2	268.5
40.5°	270.1	269.0	267.3	266.5	265.7	265.9
41°	267.6	266.5	264.9	264.4	263.6	263.6
41.5°	265.4	264.1	262.6	261.8	261.1	261.3
42°	263.3	261.8	260.4	259.3	258.7	258.9
42.5°	260.8	259.2	257.8	257.2	256.2	256.3
43°	258.3	257.0	255.4	254.4	253.8	253.9
43.5°	255.9	254.5	253.0	251.9	251.3	251.6

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997155

CATALOG NUMBER: SMX4SLSFS010-1000LM-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	248.6	246.8	245.3	244.8	243.8	243.9
45.5°	246.0	244.3	243.1	242.2	241.3	241.3
46°	243.4	241.9	240.6	239.6	238.8	239.0
46.5°	241.0	239.2	237.9	237.1	236.4	236.4
47°	238.4	236.8	235.3	234.5	233.6	233.9
47.5°	235.7	234.3	232.8	231.8	231.0	231.3
48°	233.3	231.6	230.2	229.1	228.4	228.6
48.5°	230.6	229.1	227.5	226.5	225.7	226.0
49°	228.1	226.3	224.8	223.7	223.2	223.0
49.5°	225.3	223.7	222.2	221.1	220.5	220.5
50°	222.7	220.9	219.4	218.3	217.7	217.6
50.5°	220.0	218.3	216.7	215.5	215.0	214.8
51°	217.1	215.5	213.8	212.8	212.3	212.0
51.5°	214.5	212.9	211.2	210.3	209.5	209.5
52°	211.8	210.3	208.2	207.3	206.8	206.8
52.5°	209.0	207.3	205.5	204.8	203.8	204.0
53°	206.2	204.6	202.6	201.9	201.1	201.2
53.5°	203.5	201.5	199.8	199.1	198.4	198.6
54°	200.7	198.9	197.0	196.3	195.5	195.7
54.5°	198.0	196.2	194.5	193.4	192.7	192.8
55°	195.3	193.4	191.6	190.5	189.7	189.7
55.5°	192.3	190.1	188.6	187.7	187.0	186.9
56°	189.6	187.3	185.7	184.6	184.0	184.1
56.5°	186.5	184.4	182.8	181.8	181.3	181.1
57°	183.8	181.5	179.7	178.7	178.2	178.4
57.5°	180.8	178.6	176.9	175.8	175.3	175.2
58°	178.0	175.7	173.8	172.9	172.4	172.2
58.5°	174.9	172.5	170.8	169.9	169.2	169.1
59°	172.1	169.5	167.8	166.9	166.3	166.1
59.5°	169.0	166.4	164.6	163.6	163.0	162.9
60°	166.0	163.5	161.7	160.8	160.1	160.0
60.5°	163.0	160.2	158.7	157.6	156.9	157.1
61°	160.1	157.4	155.7	154.8	154.2	154.2
61.5°	157.0	154.1	152.6	151.8	151.1	151.0
62°	154.1	151.0	149.5	148.7	147.7	147.9
62.5°	151.1	147.8	146.3	145.4	144.7	144.8
63°	148.0	145.0	143.1	142.4	141.5	141.5
63.5°	144.9	141.6	140.0	139.0	138.4	138.3
64°	141.7	138.6	137.0	136.0	135.3	135.4
64.5°	138.5	135.4	133.8	132.8	132.1	132.1
65°	135.3	132.4	130.7	129.8	128.9	129.0
65.5°	132.1	128.9	127.4	126.3	125.7	125.6
66°	128.9	125.9	124.2	123.1	122.7	122.4

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997155

CATALOG NUMBER: SMX4SLSFS010-1000LM-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	119.3	116.3	114.6	113.8	113.2	112.9
68°	116.1	113.2	111.5	110.5	109.9	109.7
68.5°	113.1	110.0	108.4	107.2	106.7	106.5
69°	109.8	106.8	105.1	104.1	103.6	103.3
69.5°	106.6	103.4	101.9	100.9	100.3	100.1
70°	103.3	100.3	98.7	97.7	97.1	97.0
70.5°	100.2	97.1	95.5	94.3	93.7	93.5
71°	97.1	94.0	92.3	91.2	90.5	90.4
71.5°	93.6	90.6	89.0	88.0	87.1	87.3
72°	90.4	87.5	85.7	84.7	84.1	84.0
72.5°	87.2	84.1	82.6	81.4	80.7	80.8
73°	84.0	80.9	79.3	78.3	77.4	77.5
73.5°	80.7	77.5	76.2	75.0	74.2	74.4
74°	77.5	74.6	72.9	71.8	71.2	71.1
74.5°	74.3	71.3	69.9	68.9	67.8	68.0
75°	71.3	68.0	66.6	65.4	65.0	64.9
75.5°	68.2	65.0	63.5	62.3	61.5	61.7
76°	65.0	61.9	60.3	59.2	58.6	58.7
76.5°	61.8	58.6	57.1	56.0	55.5	55.4
77°	58.7	55.6	54.0	52.9	52.2	52.5
77.5°	55.6	52.5	51.0	50.0	49.3	49.6
78°	52.4	49.6	47.9	46.8	46.2	46.4
78.5°	49.2	46.5	44.9	44.0	43.1	43.5
79°	46.4	43.6	41.9	40.9	40.3	40.4
79.5°	43.6	40.6	39.0	38.1	37.5	37.6
80°	40.6	37.7	36.1	35.2	34.6	34.6
80.5°	37.6	34.8	33.5	32.4	31.9	31.9
81°	34.7	32.1	30.7	29.6	29.1	29.3
81.5°	32.1	29.4	28.2	27.3	26.7	26.8
82°	29.3	27.0	25.5	24.6	24.1	24.2
82.5°	26.8	24.4	23.0	22.2	21.6	21.6
83°	24.4	21.9	20.5	19.8	19.3	19.2
83.5°	21.8	19.4	18.2	17.5	16.9	16.9
84°	19.4	17.2	16.0	15.2	14.7	14.8
84.5°	17.0	14.9	13.7	13.1	12.6	12.7
85°	14.8	12.8	11.9	11.1	10.8	10.6
85.5°	12.7	11.0	9.8	9.3	8.8	8.9
86°	10.7	8.9	8.1	7.6	7.1	7.1
86.5°	8.9	7.2	6.7	6.0	5.6	5.6
87°	7.2	5.8	5.1	4.6	4.3	4.3
87.5°	5.5	4.5	3.7	3.4	3.2	3.2
88°	4.1	3.4	2.8	2.4	2.2	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: P997155
CATALOG NUMBER: SMX4SLSFS010-1000LM-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
90°	0.0	0.0	0.0	0.0	0.0	0.0

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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°	337.8	338.8	339.1	339.5	341.0	341.9	342.2	342.5	342.2	342.1	341.5
22°	337.0	337.4	337.6	338.2	339.7	340.8	340.7	341.2	340.8	341.1	340.3

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44°	249.0	249.9	250.4	251.4	253.8	255.1	255.8	256.3	256.2	255.8	254.5
44.5°	246.6	247.4	248.0	249.1	251.6	252.7	253.3	253.9	253.7	253.4	252.1



66.5°	119.2	120.1	121.2	122.7	125.7	127.3	128.4	129.2	129.1	128.3	127.0
67°	115.9	117.0	118.0	119.4	122.6	124.3	125.2	126.0	125.9	125.0	124.0



89°	0.8	1.1	1.4	1.6	1.9	2.2	2.4	2.7	2.7	2.6	2.3
89.5°	0.4	0.6	0.8	1.1	0.9	1.3	1.5	1.8	1.7	1.7	1.2

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21.5°	340.7	339.8	339.1	339.1	338.1	337.8
22°	339.5	338.6	337.8	337.4	336.4	337.0

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44°	253.4	251.9	250.4	249.5	249.1	249.0
44.5°	250.9	249.5	247.9	247.2	246.3	246.6

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66.5°	125.8	122.5	121.0	119.8	119.5	119.2
67°	122.7	119.5	118.0	116.8	116.3	115.9

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89°	2.0	1.6	1.3	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)