

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: P997152

Luminaire Tested: **SMX4SLSFS010-1000LM-3000K**

Issue Date: 3/11/2025



Test Information

Test Method: LM-41-14
Report Number: P997152
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-3000K
Description: 4IN SQAURE, 90CRI, 0-10V DIMMING, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 3000K CCT
Ballast/Driver: -

Summary

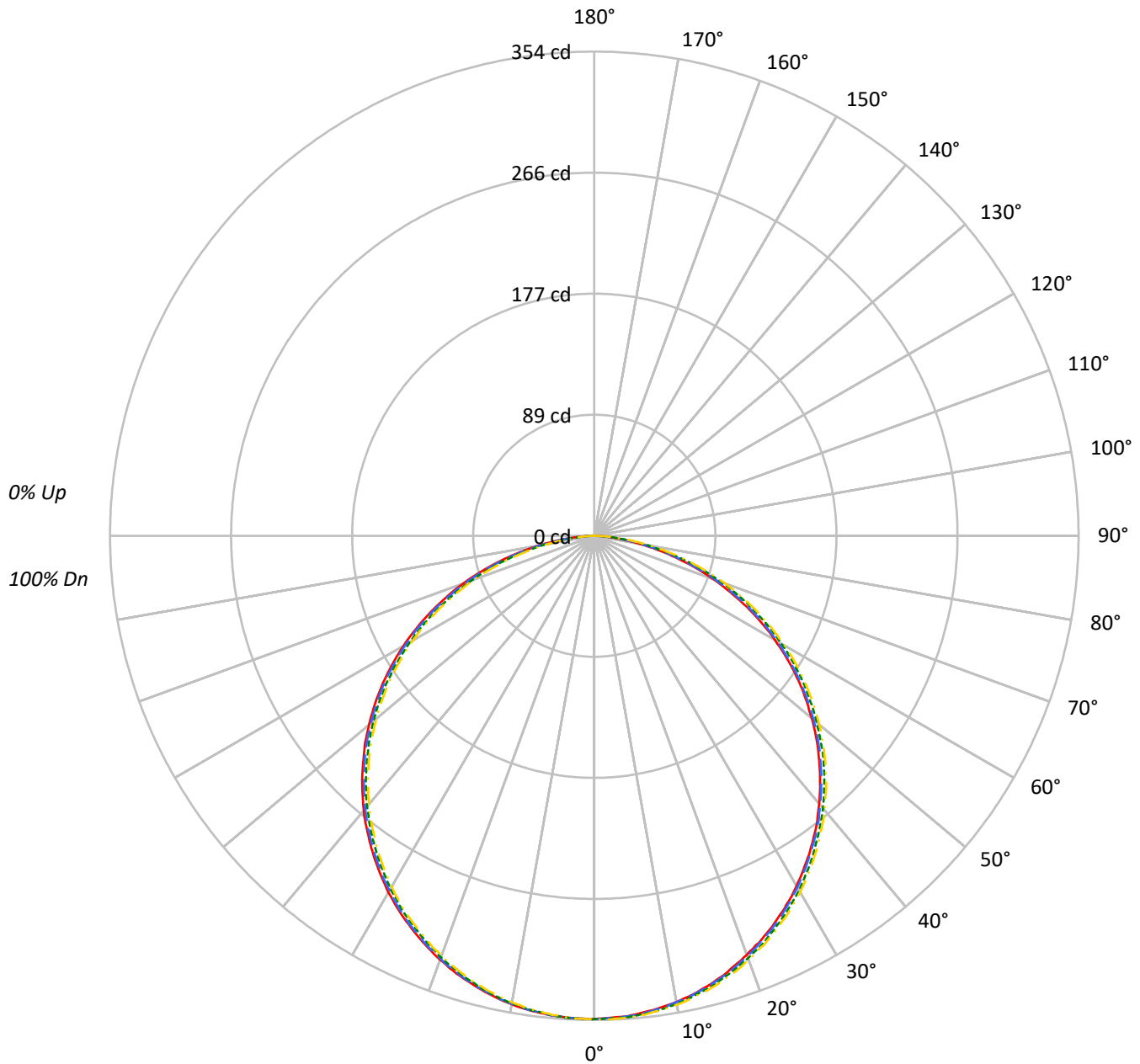
Lumens per Lamp: N/A
Luminaire Lumens: 1008.8 lumens
Efficiency: N/A
Efficacy: 89.3 lumens/watt
Spacing Criteria (0/90/45): 1.25 / 1.26 / 1.37
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
CIE Type: Direct

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



Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



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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°	34931	34931	34931	34931
5°	34846	34945	34935	34915
10°	34737	34908	34918	34837
15°	34567	34771	34802	34669
20°	34291	34564	34701	34501
25°	34049	34354	34518	34245
30°	33761	34160	34365	34000
35°	33388	33834	34088	33677
40°	33006	33535	33831	33354
45°	32486	33171	33464	32877
50°	31877	32630	33076	32369
55°	31157	32053	32587	31760
60°	30127	31214	31847	30779
65°	28744	30124	30872	29516
70°	26703	28495	29449	27628
75°	23639	25893	27153	24747
80°	18784	21971	23622	20435
85°	11454	15991	18259	13836



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.4	3.3
10°-20°	95.7	9.5
20°-30°	145.0	14.4
30°-40°	175.0	17.3
40°-50°	182.0	18.0
50°-60°	165.1	16.4
60°-70°	125.9	12.5
70°-80°	70.3	7.0
80°-90°	16.4	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°	274.1	27.2
0°-40°	449.1	44.5
0°-60°	796.2	78.9
0°-90°	1008.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1008.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	353	353	353	353	353	
5°	351	352	352	352	351	33
15°	338	340	340	339	338	95
25°	312	315	316	314	312	144
35°	277	280	282	279	277	173
45°	232	237	239	235	232	179
55°	181	186	189	184	181	161
65°	123	129	132	126	123	121
75°	62	68	71	65	62	65
85°	10	14	16	12	10	13
90°	0	0	0	0	0	

Cooper Lighting Solutions Photometric Lab

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	353.4	353.4	353.4	353.4	353.4	353.4	353.4	353.4	353.4	353.4	353.4
0.5°	353.1	353.1	353.4	353.2	353.3	353.2	353.7	353.4	353.3	353.5	353.2
1°	353.1	353.1	353.0	353.1	353.3	353.0	353.7	353.4	353.3	353.5	353.3
1.5°	352.8	353.2	353.0	352.9	353.2	353.3	353.7	353.3	353.2	353.3	353.2
2°	352.6	353.1	352.9	352.7	353.1	353.4	353.7	353.3	353.1	353.3	353.0
2.5°	352.4	352.9	352.7	352.7	353.1	353.2	353.4	353.2	353.1	353.2	353.0
3°	352.3	352.8	352.6	352.6	353.0	352.9	353.4	353.0	352.9	353.0	352.9
3.5°	352.3	352.6	352.3	352.4	352.7	352.6	353.3	352.8	352.6	353.0	352.7
4°	352.0	352.3	352.2	352.2	352.9	352.6	352.9	352.6	352.4	352.8	352.3
4.5°	351.6	352.0	351.9	351.8	352.5	352.3	352.9	352.4	352.4	352.7	352.2
5°	351.2	351.6	351.5	351.5	352.2	352.1	352.5	352.2	352.1	352.4	352.1
5.5°	350.7	351.1	351.3	351.4	351.7	351.9	352.1	352.0	351.8	352.1	351.8
6°	350.2	350.7	350.7	351.0	351.3	351.5	352.1	351.5	351.4	351.7	351.3
6.5°	349.8	350.4	350.3	350.5	351.1	351.1	351.5	351.3	351.1	351.6	351.0
7°	349.5	349.9	349.8	350.1	350.7	350.7	350.9	351.1	350.6	351.2	350.5
7.5°	348.9	349.3	349.2	349.5	350.4	350.3	350.5	350.6	350.4	350.5	350.1
8°	348.4	348.9	348.7	348.9	349.7	349.9	350.2	350.1	349.9	350.1	349.8
8.5°	347.8	348.3	348.3	348.3	349.3	349.5	349.7	349.5	349.5	349.6	349.1
9°	347.2	347.7	347.7	347.8	348.7	348.8	349.3	349.0	349.1	349.0	348.5
9.5°	346.7	347.0	346.9	347.3	348.2	348.3	348.6	348.4	348.6	348.6	348.3
10°	346.1	346.3	346.3	346.5	347.8	347.7	348.2	348.0	347.9	348.2	347.5
10.5°	345.3	345.5	345.6	346.0	346.7	347.2	347.5	347.3	347.2	347.5	347.0
11°	344.6	344.9	345.0	345.1	345.9	346.5	347.0	346.7	346.7	346.8	346.1
11.5°	344.0	344.0	344.2	344.3	345.4	345.8	346.2	346.0	345.9	346.1	345.7
12°	343.2	343.3	343.6	343.6	344.7	345.1	345.5	345.3	345.2	345.3	344.8
12.5°	342.3	342.4	342.6	342.9	343.6	344.0	344.4	344.6	344.5	344.7	344.1
13°	341.4	341.7	341.8	342.0	342.9	343.5	343.9	343.7	343.6	343.9	343.3
13.5°	340.3	340.8	340.9	341.2	342.2	342.7	343.2	343.1	343.0	343.0	342.4
14°	339.6	339.9	340.0	340.5	341.3	341.8	342.4	342.1	341.9	342.2	341.5
14.5°	338.8	338.8	339.1	339.4	340.3	340.9	341.5	341.2	341.2	341.4	340.7
15°	337.8	338.1	338.1	338.3	339.8	340.1	340.8	340.5	340.1	340.5	339.8
15.5°	336.5	337.0	337.2	337.4	338.4	338.9	339.7	339.6	339.1	339.5	338.9
16°	335.7	335.9	336.3	336.3	337.4	338.4	338.8	338.8	338.4	338.8	337.9
16.5°	334.6	334.7	335.1	335.4	336.4	337.3	337.8	337.7	337.5	337.7	337.0
17°	333.4	333.7	334.1	334.4	335.4	336.1	336.6	336.7	336.4	336.5	335.9
17.5°	331.9	332.7	333.0	333.3	334.3	335.1	335.7	335.6	335.6	335.6	334.8
18°	330.8	331.7	332.0	332.1	333.3	334.1	334.7	334.3	334.3	334.4	333.6
18.5°	329.6	330.3	330.6	331.2	332.1	333.1	333.6	333.5	333.3	333.4	332.7
19°	328.6	329.2	329.4	330.0	330.9	331.9	332.3	332.4	332.0	332.2	331.5
19.5°	327.0	327.9	328.3	328.8	329.8	330.6	331.0	331.0	330.9	331.0	330.4
20°	326.0	326.7	327.0	327.6	328.6	329.7	329.7	329.8	329.9	329.7	329.0
20.5°	324.5	325.4	325.7	326.5	327.3	328.3	328.8	328.7	328.8	328.5	328.0
21°	323.4	324.1	324.4	324.9	326.0	327.1	327.3	327.4	327.4	327.3	326.7

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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°	319.6	320.0	320.3	320.9	322.3	323.2	323.8	323.7	323.5	323.8	322.9
23°	318.0	318.7	319.0	319.4	320.9	322.0	322.3	322.5	322.1	322.4	321.5
23.5°	316.6	317.2	317.5	318.1	319.4	320.4	321.0	320.9	320.7	321.0	320.0
24°	315.2	315.7	316.4	316.6	317.9	318.8	319.6	319.5	319.4	319.6	318.6
24.5°	313.8	314.1	314.7	315.2	316.6	317.5	318.2	318.2	318.0	318.1	317.2
25°	312.2	312.8	313.2	313.6	315.0	316.2	316.7	316.6	316.5	316.8	315.7
25.5°	310.5	311.2	311.7	312.4	313.6	314.7	315.2	315.2	315.0	315.2	314.4
26°	308.9	309.7	310.4	310.9	312.1	313.1	313.5	313.9	313.6	313.5	312.8
26.5°	307.4	308.1	308.7	309.2	310.6	311.6	312.2	312.4	312.1	312.1	311.5
27°	306.0	306.4	306.8	307.7	309.0	310.1	310.7	310.7	310.6	310.7	309.7
27.5°	304.0	304.7	305.1	306.1	307.4	308.4	309.0	309.3	309.1	309.0	308.2
28°	302.6	303.2	303.7	304.3	305.8	306.8	307.4	307.4	307.5	307.4	306.6
28.5°	301.0	301.4	302.0	302.6	304.1	305.1	305.9	305.9	306.0	305.8	304.9
29°	299.3	299.8	300.2	300.8	302.6	303.5	304.2	304.2	304.2	304.2	303.2
29.5°	297.4	298.3	298.5	299.3	301.0	301.7	302.5	302.5	302.7	302.5	301.7
30°	295.8	296.3	296.8	297.4	299.3	300.0	300.7	300.9	301.1	300.9	299.6
30.5°	293.8	294.4	295.0	295.7	297.4	298.4	299.0	299.2	299.3	298.9	297.9
31°	292.1	292.7	293.1	293.8	295.6	296.7	297.3	297.4	297.3	297.2	296.3
31.5°	290.2	291.0	291.2	292.1	293.7	294.8	295.4	295.7	295.6	295.3	294.6
32°	288.3	289.0	289.5	290.2	291.8	292.9	293.5	293.7	293.8	293.7	292.6
32.5°	286.3	287.0	287.6	288.4	290.1	291.2	291.8	291.8	292.0	291.7	290.9
33°	284.5	285.1	285.7	286.6	288.3	289.3	290.1	290.1	290.2	289.9	288.8
33.5°	282.6	283.3	283.7	284.6	286.3	287.1	288.2	288.1	288.2	287.9	286.9
34°	280.8	281.3	281.8	282.6	284.5	285.2	286.1	286.3	286.4	286.0	285.0
34.5°	278.8	279.4	279.8	280.7	282.5	283.4	284.1	284.4	284.5	284.2	283.2
35°	276.7	277.4	277.8	278.6	280.4	281.5	282.3	282.3	282.5	282.3	281.1
35.5°	274.8	275.4	275.8	276.8	278.3	279.7	280.2	280.4	280.6	280.2	279.2
36°	272.7	273.3	273.9	274.8	276.2	277.7	278.3	278.4	278.6	278.2	277.2
36.5°	270.8	271.3	271.9	272.8	274.4	275.5	276.4	276.6	276.7	276.4	275.2
37°	268.8	269.3	270.0	270.7	272.4	273.6	274.3	274.7	274.5	274.2	273.1
37.5°	266.7	267.2	267.9	268.8	270.5	271.8	272.1	272.7	272.6	272.2	271.4
38°	264.6	265.1	265.7	266.5	268.4	269.7	270.2	270.7	270.5	270.3	269.1
38.5°	262.3	262.8	263.7	264.4	266.3	267.5	268.2	268.5	268.6	268.1	267.1
39°	260.1	260.7	261.3	262.3	264.2	265.5	266.1	266.4	266.6	265.9	264.9
39.5°	257.8	258.3	259.0	260.1	262.2	263.2	264.0	264.2	264.4	263.9	262.8
40°	255.8	256.4	256.9	257.7	259.9	261.0	261.8	262.2	262.2	261.7	260.6
40.5°	253.4	254.0	254.7	255.8	257.7	258.9	259.4	260.1	260.0	259.5	258.5
41°	251.2	251.9	252.5	253.5	255.6	256.6	257.3	257.8	257.7	257.5	256.0
41.5°	249.0	249.7	250.3	251.3	253.3	254.4	255.0	255.6	255.4	255.1	253.8
42°	246.7	247.4	247.8	249.1	251.1	252.1	253.0	253.3	253.3	252.8	251.7
42.5°	244.2	245.0	245.7	246.8	248.7	249.7	250.9	251.0	251.1	250.7	249.4
43°	242.0	243.0	243.4	244.5	246.5	247.7	248.4	248.7	248.8	248.4	247.0
43.5°	239.8	240.4	241.0	242.1	244.3	245.3	246.0	246.5	246.6	246.1	244.9

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CATALOG NUMBER: SMX4SLSFS010-1000LM-3000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	232.4	233.4	233.9	235.0	237.3	238.4	239.1	239.5	239.4	239.1	237.9
45.5°	229.9	231.0	231.5	232.7	235.0	235.8	236.8	237.1	237.0	236.9	235.7
46°	227.8	228.6	229.3	230.2	232.5	233.6	234.4	234.8	234.6	234.3	233.1
46.5°	225.3	226.1	226.8	227.7	230.1	231.1	231.8	232.5	232.3	231.9	230.8
47°	222.9	223.6	224.1	225.3	227.5	228.7	229.6	230.1	229.9	229.7	228.4
47.5°	220.3	221.0	221.8	223.0	224.9	226.3	226.9	227.7	227.6	227.1	225.9
48°	217.8	218.5	219.4	220.3	222.3	223.8	224.4	225.2	225.3	224.7	223.4
48.5°	215.3	216.0	216.8	217.8	219.8	221.4	222.2	222.6	222.7	222.2	221.0
49°	212.5	213.7	214.2	215.1	217.2	218.7	219.7	220.1	220.0	219.7	218.4
49.5°	210.1	210.9	211.7	212.8	214.7	216.3	217.2	217.6	217.5	217.2	216.0
50°	207.3	208.2	209.1	210.3	212.2	214.0	214.6	215.1	215.1	214.7	213.3
50.5°	204.6	205.6	206.4	207.6	209.6	211.2	211.9	212.5	212.5	212.1	210.8
51°	202.0	203.1	203.8	205.0	207.1	208.7	209.4	209.9	209.9	209.7	208.2
51.5°	199.6	200.4	201.2	202.3	204.6	205.9	206.9	207.2	207.2	207.0	205.5
52°	197.0	197.9	198.6	199.7	202.0	203.2	204.3	204.8	204.8	204.3	203.0
52.5°	194.4	195.1	196.0	197.2	199.1	200.7	201.7	202.0	202.2	201.6	200.3
53°	191.7	192.5	193.3	194.6	196.5	198.2	199.1	199.4	199.5	199.0	197.7
53.5°	189.2	189.9	190.6	191.6	193.9	195.4	196.2	196.7	196.9	196.3	195.2
54°	186.4	187.2	188.0	188.9	191.2	192.8	193.7	193.9	194.1	193.7	192.4
54.5°	183.7	184.4	185.3	186.4	188.8	190.3	191.0	191.2	191.5	191.1	189.9
55°	180.8	181.7	182.6	183.8	186.0	187.7	188.4	188.8	189.1	188.5	187.4
55.5°	178.1	178.8	179.9	181.1	183.4	184.9	185.8	186.1	186.3	185.8	184.7
56°	175.4	176.0	177.1	178.3	180.7	182.1	182.9	183.3	183.5	183.1	181.8
56.5°	172.6	173.3	174.2	175.4	177.8	179.3	180.2	180.8	180.8	180.3	179.0
57°	170.0	170.5	171.3	172.6	175.1	176.4	177.6	177.9	177.9	177.4	176.1
57.5°	166.9	167.6	168.5	169.9	172.5	173.6	174.8	175.1	175.2	174.7	173.3
58°	164.1	164.7	165.7	167.0	169.5	171.0	171.9	172.4	172.4	171.8	170.6
58.5°	161.1	161.9	162.8	164.2	166.7	168.3	169.2	169.7	169.6	169.2	167.9
59°	158.2	159.1	160.0	161.3	163.9	165.2	166.2	167.0	166.6	166.2	165.1
59.5°	155.2	156.2	157.1	158.6	160.8	162.3	163.4	164.1	163.9	163.4	162.1
60°	152.4	153.3	154.4	155.7	157.9	159.5	160.5	161.3	161.1	160.5	159.2
60.5°	149.7	150.3	151.3	152.8	154.9	156.6	157.6	158.7	158.4	157.6	156.4
61°	146.9	147.6	148.6	149.8	152.1	153.8	154.7	155.7	155.4	154.9	153.5
61.5°	143.8	144.6	145.6	146.9	149.2	150.9	151.9	152.8	152.5	151.9	150.5
62°	141.0	141.8	142.7	144.1	146.6	148.1	149.0	149.8	149.5	149.1	147.9
62.5°	137.9	138.6	139.7	141.0	143.6	145.2	146.2	147.1	146.7	146.1	144.9
63°	134.8	135.6	136.6	138.1	140.8	142.3	143.3	143.9	143.8	143.2	141.8
63.5°	131.8	132.6	133.7	135.1	137.7	139.2	140.3	141.1	140.9	140.1	138.9
64°	129.0	129.6	130.7	131.9	134.7	136.2	137.2	138.2	137.9	137.2	135.9
64.5°	125.9	126.7	127.7	129.1	131.9	133.3	134.3	135.1	134.9	134.2	133.1
65°	122.9	123.6	124.6	126.0	128.8	130.3	131.4	132.0	132.0	131.3	130.0
65.5°	119.7	120.6	121.7	123.1	125.8	127.5	128.4	129.1	128.9	128.4	127.1
66°	116.7	117.5	118.5	119.9	123.2	124.4	125.3	126.2	125.9	125.5	124.1

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997152

CATALOG NUMBER: SMX4SLSFS010-1000LM-3000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	107.6	108.6	109.4	110.8	113.7	115.4	116.4	117.1	117.0	116.1	114.8
68°	104.5	105.6	106.6	108.0	110.7	112.3	113.3	113.9	114.1	113.3	111.9
68.5°	101.4	102.5	103.5	105.0	107.9	109.3	110.3	110.8	110.9	110.2	108.8
69°	98.4	99.4	100.4	101.9	104.9	106.4	107.4	107.9	108.0	107.3	106.0
69.5°	95.4	96.2	97.3	98.8	101.7	103.2	104.3	105.0	104.9	104.2	102.9
70°	92.4	93.3	94.2	95.6	98.6	100.2	101.1	101.8	101.9	101.2	99.9
70.5°	89.1	90.0	91.2	92.6	95.6	97.1	98.2	98.8	98.9	98.1	96.8
71°	86.1	87.1	88.1	89.4	92.5	94.0	95.0	95.8	95.8	95.0	93.7
71.5°	83.2	83.9	84.9	86.3	89.2	91.0	92.0	92.5	92.7	92.1	90.6
72°	80.0	81.0	81.9	83.3	86.2	88.0	88.8	89.5	89.6	89.0	87.6
72.5°	77.0	77.8	78.8	80.2	83.2	84.9	85.8	86.3	86.4	85.8	84.3
73°	73.8	74.7	75.8	77.0	80.0	81.8	82.7	83.4	83.3	82.7	81.3
73.5°	70.9	71.7	72.7	74.0	77.1	78.7	79.5	80.2	80.3	79.7	78.2
74°	67.8	68.7	69.6	70.9	74.0	75.6	76.4	77.1	77.3	76.6	75.2
74.5°	64.8	65.7	66.9	68.1	70.9	72.7	73.4	74.1	74.0	73.5	72.2
75°	61.9	62.6	63.6	64.8	67.8	69.5	70.3	71.0	71.1	70.3	69.1
75.5°	58.8	59.6	60.6	61.9	64.9	66.8	67.4	67.9	68.1	67.5	66.2
76°	55.9	56.7	57.5	58.8	62.0	63.5	64.4	65.0	65.2	64.5	63.2
76.5°	52.8	53.6	54.6	55.7	58.9	60.6	61.3	61.9	62.0	61.6	60.1
77°	50.0	50.7	51.7	52.8	56.0	57.5	58.4	58.9	59.0	58.5	57.1
77.5°	47.2	47.7	48.7	50.0	53.1	54.6	55.4	56.0	55.9	55.4	54.2
78°	44.2	44.8	45.8	47.1	50.1	51.6	52.5	53.1	53.1	52.5	51.3
78.5°	41.4	41.9	43.1	44.2	47.2	48.6	49.5	50.1	50.2	49.7	48.4
79°	38.5	39.2	40.1	41.4	44.3	45.8	46.6	47.1	47.1	46.7	45.5
79.5°	35.8	36.4	37.4	38.5	41.5	43.0	43.6	44.3	44.2	43.7	42.5
80°	33.0	33.6	34.5	35.8	38.6	40.0	40.8	41.5	41.5	40.9	39.7
80.5°	30.4	31.0	31.9	32.9	35.9	37.3	38.0	38.6	38.7	38.2	37.1
81°	27.9	28.3	29.4	30.4	33.2	34.6	35.4	35.8	36.1	35.5	34.3
81.5°	25.6	26.0	27.1	27.9	30.5	31.8	32.7	33.0	33.2	32.8	31.6
82°	23.0	23.5	24.5	25.6	27.9	29.1	29.9	30.5	30.4	30.0	28.9
82.5°	20.6	21.2	22.1	23.1	25.7	26.7	27.3	27.8	27.9	27.6	26.4
83°	18.3	18.9	19.7	20.8	23.2	24.4	25.1	25.5	25.6	25.1	24.3
83.5°	16.1	16.6	17.5	18.4	20.7	22.0	22.7	23.0	23.1	22.7	21.8
84°	14.1	14.6	15.4	16.3	18.4	19.6	20.1	20.6	20.8	20.4	19.2
84.5°	12.1	12.4	13.4	14.2	16.2	17.3	18.0	18.3	18.4	18.1	17.1
85°	10.1	10.6	11.4	12.2	14.1	15.1	15.8	16.0	16.1	15.7	15.0
85.5°	8.4	8.9	9.6	10.4	12.1	13.1	13.6	13.9	14.0	13.6	12.9
86°	6.8	7.3	8.0	8.6	10.3	11.1	11.6	12.0	12.0	11.6	10.9
86.5°	5.3	5.8	6.7	7.0	8.3	9.2	9.7	10.0	10.0	9.7	9.2
87°	4.1	4.5	5.0	5.6	6.7	7.5	8.0	8.3	8.3	8.0	7.4
87.5°	3.0	3.4	4.0	4.3	5.5	5.9	6.3	6.6	6.7	6.4	5.8
88°	2.1	2.5	2.9	3.3	3.9	4.6	4.9	5.2	5.2	4.9	4.5
88.5°	1.4	1.6	2.0	2.3	2.7	3.2	3.5	3.7	3.8	3.6	3.2

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

Scaled Data Report



TEST NUMBER: P997152
CATALOG NUMBER: SMX4SLSFS010-1000LM-3000K

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: P997152

CATALOG NUMBER: SMX4SLSFS010-1000LM-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	353.4	353.4	353.4	353.4	353.4	353.4
0.5°	353.3	353.7	353.3	353.3	353.3	353.1
1°	353.1	353.3	353.2	353.5	353.1	353.1
1.5°	352.8	353.3	353.1	353.2	353.0	352.8
2°	352.9	353.3	353.0	353.3	352.7	352.6
2.5°	352.8	353.1	353.0	353.1	352.6	352.4
3°	352.7	353.1	353.0	352.7	352.6	352.3
3.5°	352.7	352.9	352.6	352.6	352.1	352.3
4°	352.4	352.4	352.3	352.3	351.8	352.0
4.5°	352.1	352.3	352.0	351.7	351.4	351.6
5°	351.9	351.9	351.8	351.7	350.9	351.2
5.5°	351.7	351.4	351.2	351.1	350.7	350.7
6°	351.1	350.8	350.7	350.7	350.4	350.2
6.5°	350.7	350.5	350.4	350.4	349.9	349.8
7°	350.3	350.2	349.8	349.9	349.6	349.5
7.5°	349.6	349.8	349.3	349.3	349.0	348.9
8°	349.2	349.4	348.8	348.9	348.4	348.4
8.5°	348.7	348.8	348.2	348.3	347.9	347.8
9°	348.2	348.1	347.7	347.5	347.2	347.2
9.5°	347.6	347.6	347.0	347.1	346.6	346.7
10°	347.2	347.1	346.4	346.4	345.8	346.1
10.5°	346.5	346.5	345.6	345.7	344.8	345.3
11°	345.9	345.8	345.0	344.9	344.2	344.6
11.5°	345.3	345.0	344.2	344.2	343.3	344.0
12°	344.5	344.3	343.6	343.4	342.7	343.2
12.5°	343.6	343.5	343.0	342.4	342.0	342.3
13°	342.9	342.8	342.0	341.8	341.3	341.4
13.5°	342.0	341.7	340.9	340.9	340.4	340.3
14°	341.0	341.0	340.2	339.8	339.5	339.6
14.5°	340.2	340.0	339.3	339.0	338.7	338.8
15°	339.2	338.8	338.1	338.2	337.8	337.8
15.5°	338.3	338.0	337.3	337.0	336.6	336.5
16°	337.5	337.0	336.0	336.1	335.4	335.7
16.5°	336.5	335.9	335.2	334.9	334.4	334.6
17°	335.4	334.8	334.1	333.8	333.3	333.4
17.5°	334.3	333.7	332.8	332.8	332.0	331.9
18°	333.4	332.6	331.7	331.6	331.2	330.8
18.5°	332.4	331.6	330.8	330.5	329.9	329.6
19°	331.1	330.5	329.6	329.2	328.6	328.6
19.5°	329.7	329.1	328.3	328.0	327.5	327.0
20°	328.6	328.0	327.2	326.6	326.3	326.0
20.5°	327.3	326.7	326.0	325.2	324.9	324.5
21°	325.9	325.2	324.5	324.2	323.8	323.4

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997152

CATALOG NUMBER: SMX4SLSFS010-1000LM-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	322.2	321.1	320.6	320.0	319.3	319.6
23°	320.8	319.8	319.2	318.7	318.0	318.0
23.5°	319.3	318.5	317.8	316.9	316.4	316.6
24°	318.0	317.0	316.4	315.8	315.1	315.2
24.5°	316.5	315.3	314.9	314.1	313.7	313.8
25°	314.9	314.0	313.1	312.8	312.5	312.2
25.5°	313.6	312.5	311.8	311.3	310.7	310.5
26°	312.0	311.2	310.3	309.8	309.1	308.9
26.5°	310.4	309.6	308.6	308.1	307.5	307.4
27°	308.8	308.1	306.9	306.7	306.0	306.0
27.5°	307.4	306.4	305.4	305.1	304.2	304.0
28°	305.7	304.7	303.7	303.3	302.4	302.6
28.5°	304.0	302.9	302.1	301.4	300.7	301.0
29°	302.3	301.2	300.3	299.9	298.9	299.3
29.5°	300.7	299.6	298.6	298.0	297.2	297.4
30°	298.8	297.9	297.1	296.4	295.4	295.8
30.5°	297.0	296.0	295.3	294.6	293.7	293.8
31°	295.3	294.3	293.3	292.6	291.9	292.1
31.5°	293.5	292.4	291.7	290.9	289.8	290.2
32°	291.7	290.6	289.5	289.1	288.2	288.3
32.5°	290.0	288.7	287.7	287.0	286.3	286.3
33°	288.1	286.9	286.2	285.2	284.4	284.5
33.5°	286.2	285.0	284.1	283.1	282.5	282.6
34°	284.1	283.0	282.2	281.4	280.6	280.8
34.5°	282.3	281.0	280.2	279.4	278.4	278.8
35°	280.3	279.1	278.1	277.2	276.6	276.7
35.5°	278.5	277.0	276.2	275.2	274.4	274.8
36°	276.3	275.1	273.9	273.2	272.5	272.7
36.5°	274.3	272.9	271.9	271.1	270.6	270.8
37°	272.3	271.1	270.2	269.2	268.3	268.8
37.5°	270.3	268.9	268.2	267.1	266.3	266.7
38°	268.4	266.9	265.8	265.0	264.2	264.6
38.5°	266.2	264.9	263.8	262.8	262.0	262.3
39°	263.9	262.5	261.3	260.6	260.0	260.1
39.5°	261.8	260.5	259.3	258.3	257.9	257.8
40°	259.6	258.5	256.9	256.4	255.6	255.8
40.5°	257.4	256.3	254.7	254.0	253.2	253.4
41°	255.0	254.0	252.4	251.9	251.1	251.2
41.5°	252.9	251.7	250.3	249.5	248.8	249.0
42°	250.8	249.5	248.1	247.1	246.5	246.7
42.5°	248.5	247.0	245.7	245.0	244.1	244.2
43°	246.1	244.9	243.4	242.4	241.8	242.0
43.5°	243.8	242.5	241.0	240.0	239.5	239.8

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997152

CATALOG NUMBER: SMX4SLSFS010-1000LM-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	236.8	235.2	233.8	233.2	232.3	232.4
45.5°	234.4	232.8	231.6	230.8	230.0	229.9
46°	231.9	230.5	229.3	228.3	227.6	227.8
46.5°	229.6	227.9	226.7	225.9	225.2	225.3
47°	227.2	225.6	224.2	223.4	222.6	222.9
47.5°	224.6	223.3	221.8	220.8	220.1	220.3
48°	222.3	220.7	219.3	218.3	217.7	217.8
48.5°	219.8	218.3	216.8	215.8	215.0	215.3
49°	217.3	215.7	214.2	213.1	212.7	212.5
49.5°	214.7	213.2	211.7	210.7	210.1	210.1
50°	212.2	210.5	209.1	208.0	207.4	207.3
50.5°	209.7	208.0	206.5	205.4	204.8	204.6
51°	206.9	205.3	203.7	202.8	202.3	202.0
51.5°	204.4	202.9	201.2	200.4	199.6	199.6
52°	201.8	200.4	198.4	197.5	197.0	197.0
52.5°	199.1	197.6	195.8	195.1	194.2	194.4
53°	196.5	195.0	193.0	192.3	191.6	191.7
53.5°	193.9	192.0	190.4	189.7	189.0	189.2
54°	191.3	189.5	187.7	187.0	186.3	186.4
54.5°	188.6	187.0	185.3	184.3	183.6	183.7
55°	186.1	184.3	182.5	181.5	180.8	180.8
55.5°	183.2	181.1	179.7	178.9	178.2	178.1
56°	180.7	178.5	177.0	175.9	175.3	175.4
56.5°	177.7	175.7	174.2	173.2	172.8	172.6
57°	175.1	172.9	171.2	170.2	169.8	170.0
57.5°	172.2	170.1	168.5	167.5	167.1	166.9
58°	169.6	167.4	165.6	164.8	164.3	164.1
58.5°	166.6	164.4	162.8	161.8	161.2	161.1
59°	164.0	161.5	159.9	159.0	158.4	158.2
59.5°	161.0	158.6	156.9	155.9	155.3	155.2
60°	158.2	155.7	154.1	153.3	152.5	152.4
60.5°	155.3	152.6	151.2	150.2	149.5	149.7
61°	152.5	150.0	148.4	147.5	146.9	146.9
61.5°	149.6	146.9	145.4	144.6	143.9	143.8
62°	146.8	143.9	142.5	141.6	140.8	141.0
62.5°	144.0	140.9	139.4	138.5	137.9	137.9
63°	141.1	138.1	136.4	135.6	134.8	134.8
63.5°	138.0	134.9	133.4	132.5	131.9	131.8
64°	135.0	132.1	130.5	129.6	128.9	129.0
64.5°	132.0	129.0	127.5	126.6	125.9	125.9
65°	129.0	126.2	124.5	123.7	122.9	122.9
65.5°	125.9	122.8	121.4	120.4	119.8	119.7
66°	122.8	120.0	118.4	117.3	116.9	116.7

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997152

CATALOG NUMBER: SMX4SLSFS010-1000LM-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	113.7	110.8	109.2	108.4	107.9	107.6
68°	110.6	107.9	106.2	105.3	104.7	104.5
68.5°	107.8	104.8	103.3	102.1	101.7	101.4
69°	104.6	101.8	100.1	99.2	98.8	98.4
69.5°	101.6	98.5	97.1	96.1	95.6	95.4
70°	98.5	95.6	94.1	93.1	92.5	92.4
70.5°	95.5	92.5	91.0	89.9	89.3	89.1
71°	92.5	89.6	87.9	86.9	86.2	86.1
71.5°	89.2	86.3	84.8	83.9	83.0	83.2
72°	86.2	83.3	81.7	80.7	80.1	80.0
72.5°	83.1	80.1	78.7	77.5	76.9	77.0
73°	80.1	77.1	75.5	74.6	73.8	73.8
73.5°	76.9	73.9	72.6	71.4	70.7	70.9
74°	73.8	71.1	69.4	68.4	67.8	67.8
74.5°	70.8	68.0	66.6	65.7	64.6	64.8
75°	67.9	64.8	63.5	62.3	62.0	61.9
75.5°	64.9	61.9	60.5	59.4	58.6	58.8
76°	61.9	59.0	57.4	56.4	55.8	55.9
76.5°	58.9	55.9	54.4	53.4	52.9	52.8
77°	55.9	53.0	51.5	50.5	49.8	50.0
77.5°	53.0	50.0	48.6	47.6	47.0	47.2
78°	49.9	47.3	45.6	44.6	44.0	44.2
78.5°	46.9	44.3	42.8	41.9	41.1	41.4
79°	44.2	41.5	39.9	38.9	38.4	38.5
79.5°	41.5	38.6	37.1	36.3	35.7	35.8
80°	38.6	35.9	34.4	33.6	32.9	33.0
80.5°	35.8	33.2	31.9	30.9	30.4	30.4
81°	33.0	30.5	29.2	28.2	27.7	27.9
81.5°	30.6	28.0	26.9	26.0	25.5	25.6
82°	28.0	25.7	24.3	23.5	22.9	23.0
82.5°	25.5	23.2	21.9	21.1	20.6	20.6
83°	23.3	20.8	19.5	18.8	18.4	18.3
83.5°	20.7	18.5	17.3	16.6	16.1	16.1
84°	18.5	16.3	15.3	14.5	14.0	14.1
84.5°	16.2	14.2	13.1	12.5	12.0	12.1
85°	14.1	12.2	11.3	10.6	10.3	10.1
85.5°	12.1	10.4	9.3	8.9	8.3	8.4
86°	10.2	8.5	7.7	7.3	6.7	6.8
86.5°	8.4	6.9	6.4	5.7	5.4	5.3
87°	6.8	5.6	4.8	4.4	4.1	4.1
87.5°	5.3	4.3	3.6	3.3	3.1	3.0
88°	3.9	3.2	2.7	2.3	2.1	2.1
88.5°	2.7	2.3	1.8	1.5	1.4	1.4

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Scaled Data Report



TEST NUMBER: P997152
CATALOG NUMBER: SMX4SLSFS010-1000LM-3000K

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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Report Generated By 670245859 / DESKTOP-T8S5UU9

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

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21.5°	321.9	322.8	323.1	323.5	324.9	325.8	326.0	326.4	326.1	326.0	325.4
22°	321.1	321.5	321.7	322.3	323.7	324.8	324.7	325.1	324.8	325.0	324.2



44°	237.3	238.1	238.6	239.6	241.9	243.1	243.7	244.2	244.1	243.7	242.5
44.5°	234.9	235.8	236.3	237.3	239.7	240.7	241.4	241.9	241.8	241.4	240.2



66.5°	113.6	114.4	115.4	116.9	119.8	121.3	122.3	123.1	123.0	122.2	121.0
67°	110.4	111.5	112.5	113.8	116.8	118.4	119.3	120.1	120.0	119.1	118.1

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89°	0.8	1.0	1.4	1.5	1.8	2.1	2.3	2.6	2.6	2.4	2.2
89.5°	0.4	0.5	0.8	1.0	0.9	1.2	1.4	1.7	1.7	1.6	1.2

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21.5°	324.7	323.8	323.1	323.1	322.1	321.9
22°	323.5	322.7	321.8	321.5	320.5	321.1

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44°	241.5	240.0	238.6	237.7	237.4	237.3
44.5°	239.1	237.7	236.2	235.5	234.7	234.9

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66.5°	119.9	116.7	115.3	114.2	113.8	113.6
67°	116.9	113.8	112.4	111.3	110.9	110.4

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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)