

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: P997151

Luminaire Tested: **SMX4SLSFS010-1000LM-2700K**

Issue Date: 3/11/2025

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

**Test Information**

Test Method: LM-41-14
Report Number: P997151
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-2700K
Description: 4IN SQAURE, 90CRI, 0-10V DIMMING, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 2700K CCT
Ballast/Driver: -

Summary

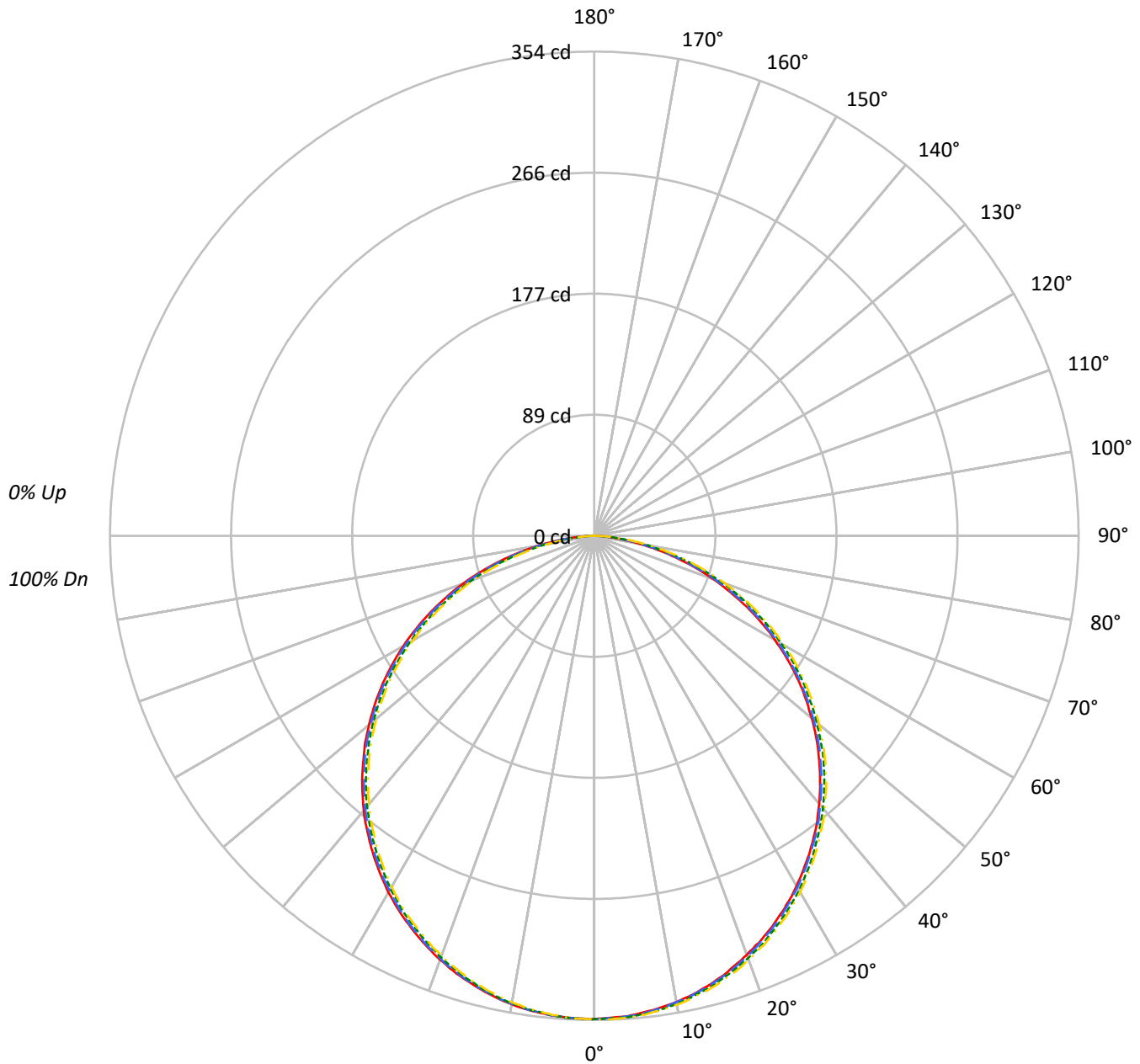
Lumens per Lamp: N/A
Luminaire Lumens: 1008.8 lumens
Efficiency: N/A
Efficacy: 89.3 lumens/watt
Spacing Criteria (0/90/45): 1.25 / 1.26 / 1.37
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P997151

CATALOG NUMBER: SMX4SLSFS010-1000LM-2700K

Luminous Intensity Polar Plot



Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997151

CATALOG NUMBER: SMX4SLSFS010-1000LM-2700K

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



TEST NUMBER: P997151

CATALOG NUMBER: SMX4SLSFS010-1000LM-2700K

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

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997151

CATALOG NUMBER: SMX4SLSFS010-1000LM-2700K

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

TEST NUMBER: P997151

CATALOG NUMBER: SMX4SLSFS010-1000LM-2700K

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

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997151

CATALOG NUMBER: SMX4SLSFS010-1000LM-2700K

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: P997151

CATALOG NUMBER: SMX4SLSFS010-1000LM-2700K

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: P997151
CATALOG NUMBER: SMX4SLSFS010-1000LM-2700K

CANDELA DISTRIBUTION (continued):

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

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997151

CATALOG NUMBER: SMX4SLSFS010-1000LM-2700K

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: P997151

CATALOG NUMBER: SMX4SLSFS010-1000LM-2700K

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: P997151

CATALOG NUMBER: SMX4SLSFS010-1000LM-2700K

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: P997151

CATALOG NUMBER: SMX4SLSFS010-1000LM-2700K

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

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

Scaled Data Report



TEST NUMBER: P997151

CATALOG NUMBER: SMX4SLSFS010-1000LM-2700K

CANDELA DISTRIBUTION (continued):

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

Classified

Scaled Data Report

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



Report Generated By 670245859 / DESKTOP-T8S5UU9

Classified

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report





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

Classified

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report



Classified

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report





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

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

Scaled Data Report



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

Classified

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report



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

Scaled Data Report



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

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

Scaled Data Report



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

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

Scaled Data Report



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

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

Scaled Data Report



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

Classified

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report



(END OF REPORT)