

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: P997252

Luminaire Tested: **SMX8SLSFS010-900LM-3000K**

Issue Date: 3/11/2025



Test Information

Test Method: LM-41-14
Report Number: P997252
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (A2411376A001)
Test Lab:
Issue Date: 3/11/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: HALO
Catalog Number: SMX8SLSFS010-900LM-3000K
Description: 8IN SQAURE, 90CRI, 0-10V DIMMING, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 3000K CCT
Ballast/Driver: -

Summary

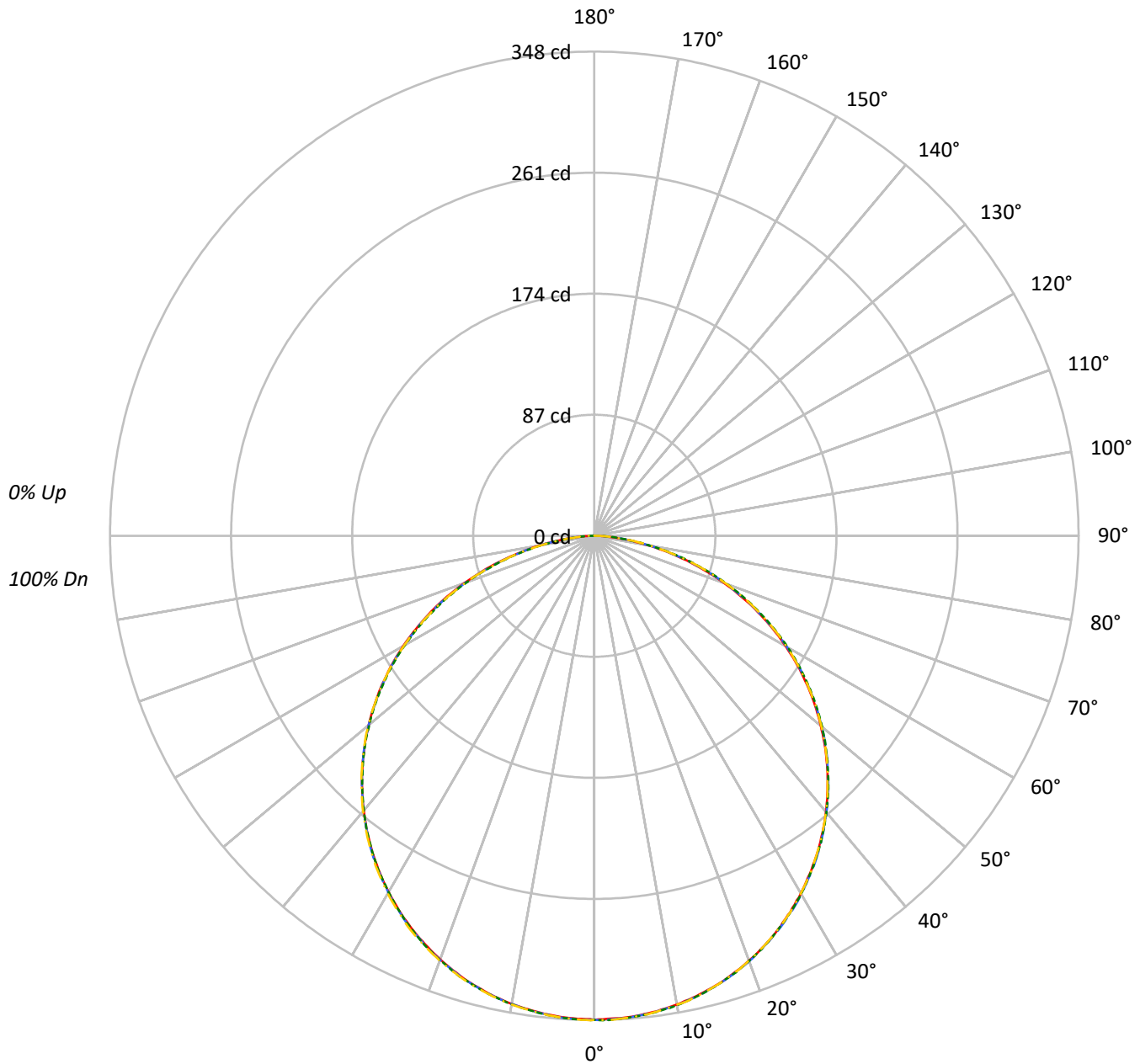
Lumens per Lamp: N/A
Luminaire Lumens: 1013.5 lumens
Efficiency: N/A
Efficacy: 102.4 lumens/watt
Spacing Criteria (0/90/45): 1.27 / 1.27 / 1.39
Luminous Opening: Rectangular (W 0.67' x L: 0.67' x H: 0')
CIE Type: Direct

Input Watts (W): 9.9
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: P997252

CATALOG NUMBER: SMX8SLSFS010-900LM-3000K

Luminous Intensity Polar Plot



TEST NUMBER: P997252

CATALOG NUMBER: SMX8SLSFS010-900LM-3000K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	109	104	99	96	106	102	98	94	97	94	91	93	91	88	90	88	86	84		
2	99	90	83	78	96	88	82	77	85	79	75	82	77	73	78	75	71	69		
3	90	79	71	64	87	78	70	64	75	68	63	72	66	61	69	64	60	58		
4	82	70	61	54	80	69	60	54	66	59	53	64	57	52	62	56	52	49		
5	75	62	53	47	73	61	53	46	59	52	46	57	51	45	55	50	45	43		
6	70	56	47	41	68	55	47	40	53	46	40	52	45	40	50	44	39	37		
7	65	51	42	36	63	50	42	36	48	41	35	47	40	35	46	40	35	33		
8	60	46	38	32	58	46	37	32	44	37	32	43	36	31	42	36	31	29		
9	56	43	34	29	55	42	34	29	41	34	28	40	33	28	39	33	28	26		
10	53	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	26	24		

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	8344	8344	8344	8344
5°	8335	8347	8328	8340
10°	8330	8342	8320	8325
15°	8314	8324	8299	8306
20°	8293	8296	8265	8283
25°	8257	8265	8231	8236
30°	8218	8232	8187	8190
35°	8167	8179	8138	8138
40°	8107	8123	8070	8066
45°	8027	8050	7993	7979
50°	7927	7972	7893	7871
55°	7801	7855	7776	7730
60°	7616	7702	7606	7534
65°	7353	7467	7348	7245
70°	6962	7116	6969	6822
75°	6355	6550	6374	6170
80°	5399	5675	5441	5164
85°	3962	4457	4127	3604



TEST NUMBER: P997252
CATALOG NUMBER: SMX8SLSFS010-900LM-3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.9	3.2
10°-20°	94.5	9.3
20°-30°	143.8	14.2
30°-40°	174.4	17.2
40°-50°	182.4	18.0
50°-60°	166.5	16.4
60°-70°	128.2	12.6
70°-80°	72.7	7.2
80°-90°	18.2	1.8
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°	271.3	26.8
0°-40°	445.6	44.0
0°-60°	794.5	78.4
0°-90°	1013.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1013.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	348	348	348	348	348	
5°	346	347	346	346	346	33
15°	335	335	334	335	335	95
25°	312	312	311	311	312	144
35°	279	279	278	278	279	175
45°	237	237	236	235	237	183
55°	187	188	186	185	187	167
65°	130	132	130	128	130	128
75°	69	71	69	67	69	72
85°	14	16	15	13	14	18
90°	0	0	0	0	0	

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997252

CATALOG NUMBER: SMX8SLSFS010-900LM-3000K

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	348.0	348.0	348.0	348.0	348.0	348.0	348.0	348.0	348.0	348.0	348.0
0.5°	347.6	348.0	348.1	348.1	348.2	347.8	348.1	348.0	347.5	348.0	348.0
1°	347.6	348.2	348.0	348.2	348.3	347.8	348.2	348.1	347.4	348.1	347.8
1.5°	347.4	348.0	347.9	348.1	348.3	347.8	348.2	347.8	347.4	348.1	347.8
2°	347.3	347.9	347.8	348.1	348.2	347.7	348.1	347.9	347.4	347.9	347.7
2.5°	347.2	347.6	347.6	347.8	347.9	347.7	347.9	347.7	347.2	347.6	347.6
3°	347.2	347.5	347.5	347.6	347.7	347.4	347.7	347.6	347.1	347.5	347.5
3.5°	347.0	347.4	347.4	347.5	347.5	347.3	347.5	347.2	346.8	347.3	347.3
4°	346.9	347.2	347.1	347.3	347.3	347.1	347.3	347.0	346.7	347.1	347.1
4.5°	346.7	346.8	346.9	347.1	347.0	346.9	347.1	346.7	346.3	346.9	346.7
5°	346.3	346.6	346.6	347.0	346.8	346.5	346.7	346.6	346.0	346.4	346.4
5.5°	346.0	346.3	346.2	346.5	346.5	346.2	346.7	346.2	345.7	346.0	345.9
6°	345.6	346.1	345.9	346.3	346.2	345.9	346.2	345.9	345.4	345.7	345.6
6.5°	345.3	345.6	345.6	345.9	345.9	345.6	345.9	345.6	345.0	345.2	345.2
7°	344.9	345.3	345.2	345.7	345.6	345.2	345.4	345.2	344.5	344.9	344.9
7.5°	344.7	344.7	344.8	345.2	345.1	344.8	345.0	344.7	344.1	344.5	344.4
8°	344.0	344.4	344.4	344.7	344.6	344.3	344.4	344.2	343.6	343.9	344.0
8.5°	343.6	343.9	343.9	344.1	344.1	344.0	344.1	343.7	343.2	343.4	343.4
9°	343.0	343.5	343.4	343.7	343.8	343.4	343.4	343.4	342.7	342.7	342.9
9.5°	342.6	342.9	342.9	343.1	343.1	342.8	343.0	342.7	342.2	342.2	342.3
10°	342.1	342.5	342.5	342.6	342.6	342.2	342.2	342.2	341.7	341.9	341.7
10.5°	341.4	341.8	341.9	342.0	342.0	341.7	341.9	341.5	341.1	341.2	341.2
11°	340.7	341.3	341.3	341.5	341.3	341.0	341.4	341.0	340.5	340.5	340.7
11.5°	340.2	340.7	340.5	340.7	340.6	340.6	340.9	340.3	339.7	340.0	339.9
12°	339.6	340.1	340.0	340.0	340.1	339.7	340.0	339.4	339.1	339.3	339.4
12.5°	338.9	339.4	339.3	339.3	339.2	339.0	339.4	338.8	338.4	338.6	338.5
13°	338.1	338.8	338.5	338.7	338.6	338.2	338.4	338.2	337.6	337.7	337.9
13.5°	337.3	337.9	337.7	337.9	337.8	337.6	337.7	337.5	336.8	337.1	337.0
14°	336.4	337.2	336.8	337.1	337.0	336.8	336.8	336.7	335.9	336.2	336.3
14.5°	335.8	336.3	336.1	336.2	336.1	335.9	336.1	335.8	335.1	335.4	335.3
15°	334.9	335.6	335.3	335.4	335.3	335.0	335.2	335.0	334.3	334.5	334.6
15.5°	334.1	334.6	334.5	334.4	334.4	334.2	334.4	334.0	333.4	333.6	333.5
16°	333.3	333.8	333.5	333.5	333.6	333.3	333.4	333.1	332.6	332.5	332.7
16.5°	332.4	333.0	332.6	332.6	332.5	332.3	332.5	332.1	331.6	331.8	331.6
17°	331.2	332.0	331.6	331.6	331.7	331.3	331.5	331.2	330.5	330.7	330.7
17.5°	330.3	330.8	330.7	330.7	330.5	330.4	330.6	330.3	329.4	329.7	329.7
18°	329.3	329.9	329.7	329.7	329.8	329.3	329.5	329.2	328.5	328.6	328.8
18.5°	328.4	328.8	328.7	328.6	328.5	328.2	328.5	328.1	327.3	327.5	327.5
19°	327.2	327.9	327.7	327.5	327.4	327.1	327.2	326.8	326.2	326.3	326.5
19.5°	326.1	326.7	326.6	326.3	326.2	326.1	326.2	325.7	325.1	325.2	325.4
20°	325.0	325.7	325.4	325.3	325.1	325.0	325.0	324.6	323.9	324.0	324.4
20.5°	323.9	324.4	324.4	324.0	324.0	324.0	323.9	323.5	322.8	322.9	323.1
21°	322.7	323.4	323.1	323.0	322.9	322.7	322.8	322.1	321.6	321.8	322.1

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997252

CATALOG NUMBER: SMX8SLSFS010-900LM-3000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
22.5°	319.1	319.4	319.3	319.2	319.1	319.0	319.0	318.3	317.7	318.1	318.2
23°	317.7	318.2	318.0	317.8	317.9	317.7	317.7	317.2	316.4	316.9	317.0
23.5°	316.5	316.9	316.8	316.5	316.7	316.3	316.4	315.9	315.2	315.4	315.4
24°	315.1	315.7	315.4	315.1	315.3	315.0	315.1	314.5	314.0	314.0	314.3
24.5°	313.8	314.4	314.1	313.9	313.8	313.6	313.7	313.2	312.5	312.7	312.9
25°	312.1	313.0	312.8	312.6	312.4	312.2	312.2	311.7	311.1	311.4	311.6
25.5°	311.0	311.4	311.4	311.0	310.9	310.7	310.9	310.3	309.6	310.0	310.1
26°	309.2	310.0	310.0	309.7	309.5	309.3	309.4	308.8	308.2	308.5	308.8
26.5°	307.8	308.5	308.4	308.1	308.2	307.7	307.9	307.4	306.8	307.0	307.2
27°	306.2	307.0	307.1	306.7	306.6	306.3	306.3	305.7	305.3	305.5	305.7
27.5°	304.9	305.4	305.5	305.2	305.2	304.9	304.9	304.4	303.7	304.0	304.0
28°	303.1	303.9	304.0	303.7	303.6	303.3	303.3	302.7	302.1	302.3	302.6
28.5°	301.6	302.2	302.4	302.0	302.1	301.8	301.7	301.3	300.3	300.8	300.9
29°	299.9	300.7	300.8	300.5	300.5	300.0	300.0	299.6	298.9	299.3	299.4
29.5°	298.5	299.1	299.2	298.9	298.9	298.5	298.5	298.0	297.3	297.6	297.7
30°	296.8	297.3	297.5	297.2	297.3	296.7	296.8	296.3	295.7	295.9	296.1
30.5°	295.1	295.7	295.9	295.5	295.6	295.2	295.0	294.5	294.0	294.2	294.3
31°	293.3	293.9	294.0	293.8	294.0	293.5	293.4	292.8	292.3	292.4	292.7
31.5°	291.6	292.1	292.4	292.0	292.0	291.8	291.7	291.1	290.5	290.7	290.9
32°	289.7	290.2	290.4	290.2	290.3	290.1	290.0	289.3	288.9	288.8	289.2
32.5°	288.2	288.6	288.9	288.7	288.5	288.4	288.2	287.7	287.1	287.3	287.5
33°	286.5	286.8	287.1	286.9	286.9	286.6	286.6	285.9	285.3	285.5	285.8
33.5°	284.5	285.0	285.4	285.1	285.0	284.9	284.6	284.1	283.3	283.7	283.8
34°	282.6	283.2	283.5	283.2	283.2	283.0	282.7	282.3	281.6	281.8	282.1
34.5°	280.8	281.4	281.7	281.4	281.2	281.2	280.9	280.4	279.7	280.0	280.3
35°	279.0	279.5	279.6	279.4	279.4	279.2	279.0	278.4	278.0	278.0	278.2
35.5°	277.2	277.6	277.8	277.6	277.6	277.4	277.0	276.5	275.9	276.4	276.4
36°	275.1	275.7	275.9	275.6	275.7	275.4	275.1	274.7	274.1	274.4	274.5
36.5°	273.2	273.6	274.0	273.6	273.8	273.6	273.1	272.8	272.0	272.4	272.3
37°	271.2	271.6	271.8	271.7	271.7	271.5	271.3	270.8	270.1	270.4	270.4
37.5°	269.3	269.5	269.9	269.8	269.7	269.5	269.2	268.6	268.1	268.5	268.2
38°	267.3	267.6	267.9	267.7	267.7	267.4	267.2	266.6	266.1	266.5	266.3
38.5°	265.2	265.6	265.8	265.8	265.7	265.5	265.1	264.6	263.9	264.6	264.2
39°	263.1	263.5	263.6	263.7	263.6	263.4	263.1	262.5	262.0	262.4	262.1
39.5°	261.1	261.5	261.6	261.6	261.6	261.5	261.1	260.6	259.9	260.4	260.2
40°	259.0	259.4	259.5	259.5	259.5	259.4	259.0	258.4	257.8	258.2	258.0
40.5°	256.8	257.3	257.4	257.4	257.3	257.3	256.8	256.2	255.6	256.1	255.8
41°	254.6	255.2	255.4	255.2	255.2	255.1	254.8	254.1	253.6	253.9	253.7
41.5°	252.5	252.9	253.2	253.0	253.2	252.9	252.5	251.9	251.3	251.6	251.4
42°	250.3	250.7	250.9	251.0	251.1	250.6	250.4	249.7	249.2	249.3	249.3
42.5°	248.0	248.6	248.8	248.8	248.8	248.4	248.1	247.5	247.0	247.2	247.1
43°	245.8	246.4	246.5	246.5	246.6	246.2	245.9	245.3	244.8	245.0	244.9
43.5°	243.6	244.1	244.2	244.2	244.3	243.9	243.6	243.1	242.5	242.8	242.5

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997252

CATALOG NUMBER: SMX8SLSFS010-900LM-3000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	236.7	237.3	237.4	237.5	237.4	237.2	236.7	236.2	235.7	235.9	235.7
45.5°	234.4	234.9	235.1	235.2	235.1	234.9	234.5	234.0	233.5	233.8	233.4
46°	232.0	232.6	232.9	233.0	232.9	232.6	232.4	231.7	231.1	231.3	231.1
46.5°	229.8	230.1	230.5	230.6	230.6	230.5	230.0	229.5	228.7	229.0	228.8
47°	227.3	227.8	228.1	228.2	228.2	227.9	227.7	227.1	226.3	226.6	226.4
47.5°	224.9	225.4	225.6	225.8	225.8	225.6	225.1	224.6	223.9	224.2	223.9
48°	222.4	223.0	223.3	223.4	223.5	223.1	222.7	222.1	221.5	221.7	221.5
48.5°	220.0	220.5	220.9	220.9	221.1	220.7	220.4	219.8	219.1	219.3	219.1
49°	217.4	218.0	218.4	218.5	218.5	218.3	218.1	217.2	216.6	216.8	216.6
49.5°	214.9	215.5	215.9	216.1	216.1	215.8	215.5	214.8	214.1	214.4	214.0
50°	212.5	213.0	213.4	213.6	213.7	213.2	213.0	212.1	211.6	211.8	211.6
50.5°	209.9	210.4	210.9	210.9	211.1	210.7	210.3	209.5	209.0	209.3	209.0
51°	207.5	207.9	208.3	208.4	208.6	208.2	207.9	207.0	206.6	206.8	206.5
51.5°	204.8	205.6	205.8	205.9	206.2	205.8	205.4	204.7	204.2	204.3	204.1
52°	202.4	203.0	203.4	203.5	203.7	203.2	203.0	202.2	201.6	201.7	201.4
52.5°	199.8	200.4	200.6	200.8	201.0	200.8	200.4	199.6	199.1	199.1	198.8
53°	197.2	197.7	198.1	198.3	198.5	198.1	197.9	197.0	196.5	196.5	196.2
53.5°	194.5	195.0	195.5	195.6	196.0	195.6	195.0	194.5	193.8	194.0	193.5
54°	191.9	192.5	192.8	193.0	193.1	192.9	192.6	191.7	191.2	191.2	190.8
54.5°	189.2	189.8	190.2	190.1	190.6	190.2	189.8	189.1	188.6	188.6	188.1
55°	186.6	187.1	187.6	187.6	187.9	187.7	187.3	186.6	186.0	185.9	185.6
55.5°	183.7	184.4	184.9	184.9	185.3	185.0	184.6	183.8	183.2	183.2	182.8
56°	181.1	181.7	182.1	182.3	182.6	182.3	181.8	181.1	180.5	180.6	180.2
56.5°	178.5	179.1	179.4	179.6	179.9	179.7	179.2	178.5	177.9	177.8	177.6
57°	175.8	176.4	176.7	176.9	177.3	177.0	176.5	175.7	175.2	175.0	174.8
57.5°	172.7	173.6	174.0	174.1	174.5	174.3	173.8	172.9	172.5	172.3	172.0
58°	170.2	170.8	171.2	171.3	171.7	171.4	171.0	170.2	169.7	169.5	169.3
58.5°	167.4	168.0	168.4	168.4	169.1	168.7	168.2	167.5	166.9	166.8	166.5
59°	164.4	165.2	165.6	165.7	166.1	165.8	165.4	164.7	164.1	163.9	163.5
59.5°	161.5	162.4	162.7	162.7	163.4	163.1	162.7	162.0	161.3	161.2	160.7
60°	158.8	159.5	159.9	159.9	160.6	160.2	159.8	159.2	158.6	158.3	157.9
60.5°	155.9	156.6	157.0	157.0	157.8	157.5	157.0	156.3	155.8	155.5	155.0
61°	153.1	153.8	154.0	154.2	154.9	154.5	154.2	153.6	152.8	152.6	152.2
61.5°	150.3	151.0	151.3	151.3	152.1	151.6	151.2	150.7	149.9	149.7	149.3
62°	147.3	148.1	148.3	148.5	149.2	148.8	148.5	147.8	147.2	146.8	146.4
62.5°	144.4	145.1	145.5	145.4	146.4	146.0	145.5	144.9	144.2	144.0	143.5
63°	141.4	142.2	142.4	142.5	143.3	143.0	142.7	142.1	141.4	141.1	140.6
63.5°	138.6	139.2	139.5	139.6	140.4	140.0	139.7	139.1	138.4	138.1	137.6
64°	135.4	136.3	136.5	136.6	137.5	137.1	136.8	136.2	135.4	135.1	134.7
64.5°	132.5	133.3	133.6	133.6	134.5	134.2	133.8	133.3	132.4	132.1	131.7
65°	129.6	130.3	130.5	130.7	131.6	131.3	131.0	130.3	129.5	129.2	128.8
65.5°	126.7	127.3	127.5	127.6	128.6	128.4	128.0	127.4	126.6	126.2	125.9
66°	123.6	124.4	124.7	124.8	125.6	125.3	125.0	124.4	123.8	123.3	122.9

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997252

CATALOG NUMBER: SMX8SLSFS010-900LM-3000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	114.4	115.3	115.7	115.7	116.8	116.5	116.1	115.5	114.7	114.2	113.8
68°	111.3	112.3	112.5	112.7	113.7	113.3	113.1	112.3	111.6	111.1	110.8
68.5°	108.6	109.2	109.5	109.7	110.6	110.2	110.0	109.2	108.6	108.1	107.7
69°	105.4	106.1	106.4	106.7	107.5	107.3	107.0	106.1	105.5	105.0	104.7
69.5°	102.2	103.0	103.4	103.6	104.6	104.3	104.0	103.1	102.4	101.9	101.6
70°	99.3	100.0	100.3	100.7	101.5	101.1	100.9	100.0	99.4	98.9	98.5
70.5°	96.2	97.1	97.4	97.6	98.4	98.1	97.9	97.0	96.3	95.9	95.5
71°	93.1	94.0	94.2	94.7	95.3	95.1	94.9	94.0	93.3	92.8	92.3
71.5°	90.0	90.9	91.2	91.5	92.3	92.0	91.7	90.8	90.2	89.8	89.3
72°	87.0	87.7	88.1	88.5	89.2	88.9	88.6	87.8	87.1	86.6	86.2
72.5°	83.8	84.7	85.1	85.4	86.1	85.7	85.4	84.7	84.0	83.5	83.0
73°	80.7	81.6	81.9	82.2	83.0	82.7	82.4	81.5	81.0	80.4	80.0
73.5°	77.6	78.5	78.9	79.1	79.8	79.6	79.2	78.5	77.8	77.3	76.8
74°	74.5	75.5	75.7	76.1	76.7	76.7	76.3	75.4	74.8	74.2	73.7
74.5°	71.6	72.5	72.8	72.9	73.7	73.5	73.3	72.3	71.8	71.2	70.9
75°	68.6	69.5	69.8	69.9	70.7	70.5	70.2	69.5	68.8	68.1	67.9
75.5°	65.6	66.4	66.7	66.8	67.8	67.5	67.3	66.4	65.7	65.2	64.9
76°	62.4	63.3	63.6	63.7	64.6	64.5	64.2	63.4	62.8	62.2	61.9
76.5°	59.4	60.3	60.6	60.6	61.7	61.4	61.2	60.4	59.6	59.1	58.8
77°	56.4	57.3	57.6	57.6	58.6	58.4	58.3	57.4	56.7	56.1	55.8
77.5°	53.4	54.3	54.6	54.6	55.7	55.4	55.3	54.4	53.6	53.1	52.9
78°	50.5	51.4	51.6	51.6	52.7	52.5	52.3	51.4	50.6	50.2	49.9
78.5°	47.6	48.4	48.7	48.8	49.7	49.5	49.3	48.4	47.8	47.3	47.1
79°	44.8	45.5	45.8	45.9	46.7	46.7	46.5	45.5	45.0	44.5	44.4
79.5°	42.0	42.7	43.0	43.1	43.9	43.8	43.7	42.7	42.2	41.6	41.4
80°	39.1	39.9	40.2	40.2	41.1	41.0	40.8	40.0	39.4	38.9	38.6
80.5°	36.3	37.1	37.4	37.5	38.4	38.2	38.0	37.2	36.7	36.3	36.0
81°	33.8	34.3	34.7	34.8	35.7	35.7	35.4	34.6	34.1	33.7	33.4
81.5°	31.1	31.7	32.1	32.1	33.2	33.0	32.8	32.0	31.5	31.0	30.7
82°	28.4	29.0	29.3	29.5	30.5	30.4	30.1	29.4	28.9	28.4	28.2
82.5°	25.7	26.4	26.7	26.8	27.9	27.8	27.6	26.9	26.4	26.0	25.7
83°	23.2	23.7	24.0	24.2	25.4	25.3	25.1	24.4	23.9	23.5	23.3
83.5°	20.8	21.3	21.5	21.6	22.9	22.8	22.6	22.0	21.5	21.1	20.9
84°	18.5	19.0	19.3	19.3	20.4	20.5	20.2	19.6	19.1	18.8	18.6
84.5°	16.4	16.9	17.2	17.2	18.2	18.2	18.0	17.5	17.1	16.8	16.6
85°	14.4	14.9	15.1	15.1	16.2	16.2	16.0	15.5	15.0	14.6	14.6
85.5°	12.5	13.0	13.1	13.1	14.1	14.1	13.9	13.4	12.9	12.7	12.6
86°	10.7	11.1	11.2	11.2	12.1	12.2	12.0	11.5	11.1	10.8	10.7
86.5°	9.1	9.5	9.5	9.5	10.3	10.3	10.2	9.7	9.3	9.1	9.1
87°	7.6	8.0	8.1	8.0	8.6	8.7	8.5	8.1	7.7	7.6	7.6
87.5°	6.3	6.7	6.7	6.6	7.1	7.1	7.0	6.6	6.3	6.2	6.2
88°	5.2	5.5	5.5	5.3	5.7	5.7	5.6	5.3	5.0	5.0	5.0
88.5°	4.4	4.5	4.5	4.3	4.4	4.5	4.5	4.1	3.8	3.9	4.0

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

Scaled Data Report



TEST NUMBER: P997252
CATALOG NUMBER: SMX8SLSFS010-900LM-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: P997252

CATALOG NUMBER: SMX8SLSFS010-900LM-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	348.0	348.0	348.0	348.0	348.0	348.0
0.5°	348.1	348.1	347.8	348.3	348.1	347.6
1°	348.1	348.1	347.7	348.0	348.2	347.6
1.5°	347.9	348.0	347.7	348.0	348.0	347.4
2°	347.9	347.8	347.6	347.8	347.9	347.3
2.5°	347.6	347.7	347.7	347.8	347.5	347.2
3°	347.6	347.4	347.4	347.4	347.6	347.2
3.5°	347.2	347.2	347.2	347.4	347.4	347.0
4°	347.1	347.0	346.8	347.0	347.3	346.9
4.5°	346.7	346.7	346.6	346.8	346.8	346.7
5°	346.5	346.5	346.3	346.4	346.6	346.3
5.5°	346.1	346.0	346.0	346.2	346.2	346.0
6°	345.8	345.8	345.5	345.6	345.9	345.6
6.5°	345.3	345.4	345.2	345.4	345.5	345.3
7°	345.0	344.9	344.7	345.0	345.2	344.9
7.5°	344.5	344.4	344.3	344.4	344.6	344.7
8°	344.2	343.9	343.7	343.9	344.3	344.0
8.5°	343.7	343.5	343.4	343.7	343.7	343.6
9°	343.2	343.1	342.8	343.1	343.4	343.0
9.5°	342.6	342.5	342.4	342.7	342.8	342.6
10°	342.1	341.9	341.6	342.1	342.3	342.1
10.5°	341.4	341.4	341.1	341.5	341.7	341.4
11°	340.8	340.7	340.6	340.9	341.1	340.7
11.5°	340.0	340.1	340.0	340.3	340.4	340.2
12°	339.3	339.2	339.1	339.6	339.7	339.6
12.5°	338.5	338.6	338.6	338.9	339.0	338.9
13°	337.9	338.0	337.6	338.1	338.3	338.1
13.5°	337.0	337.2	336.9	337.3	337.4	337.3
14°	336.3	336.3	335.9	336.4	336.8	336.4
14.5°	335.5	335.5	335.2	335.7	335.8	335.8
15°	334.6	334.6	334.2	335.0	335.2	334.9
15.5°	333.6	333.8	333.5	334.1	334.3	334.1
16°	332.7	332.8	332.7	333.1	333.4	333.3
16.5°	331.7	332.1	331.8	332.2	332.3	332.4
17°	330.8	331.2	330.6	331.2	331.4	331.2
17.5°	329.7	330.1	329.6	330.1	330.3	330.3
18°	328.8	329.0	328.5	329.3	329.5	329.3
18.5°	327.7	327.8	327.6	328.1	328.3	328.4
19°	326.7	326.7	326.4	327.1	327.3	327.2
19.5°	325.7	325.5	325.5	326.1	326.1	326.1
20°	324.5	324.6	324.2	325.0	325.2	325.0
20.5°	323.3	323.4	323.3	323.6	323.8	323.9
21°	322.0	322.1	321.8	322.5	322.8	322.7

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997252

CATALOG NUMBER: SMX8SLSFS010-900LM-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	318.2	318.5	318.2	318.9	318.8	319.1
23°	316.9	317.1	316.9	317.7	317.6	317.7
23.5°	315.5	315.6	315.8	316.4	316.1	316.5
24°	314.3	314.2	314.3	315.2	315.0	315.1
24.5°	312.9	312.9	312.9	313.9	313.5	313.8
25°	311.4	311.3	311.5	312.6	312.4	312.1
25.5°	310.0	310.0	310.1	311.2	310.8	311.0
26°	308.5	308.7	308.6	309.6	309.4	309.2
26.5°	307.0	307.1	307.0	308.0	307.7	307.8
27°	305.6	305.4	305.4	306.5	306.3	306.2
27.5°	303.9	303.9	303.9	304.9	304.6	304.9
28°	302.4	302.4	302.3	303.4	303.2	303.1
28.5°	300.7	300.7	300.7	301.7	301.5	301.6
29°	299.1	298.9	299.1	300.2	300.0	299.9
29.5°	297.4	297.3	297.7	298.5	298.2	298.5
30°	295.9	295.8	296.0	296.9	296.6	296.8
30.5°	294.1	294.0	294.3	295.1	294.9	295.1
31°	292.5	292.2	292.5	293.5	293.3	293.3
31.5°	290.7	290.5	290.8	291.6	291.5	291.6
32°	289.0	288.9	289.0	289.8	289.7	289.7
32.5°	287.2	287.2	287.5	288.1	287.9	288.2
33°	285.5	285.5	285.6	286.3	286.2	286.5
33.5°	283.7	283.5	283.8	284.6	284.5	284.5
34°	281.9	281.7	282.0	282.7	282.7	282.6
34.5°	279.9	279.9	280.1	280.7	280.8	280.8
35°	278.0	278.0	278.3	278.8	278.9	279.0
35.5°	276.1	275.9	276.3	276.9	277.0	277.2
36°	274.2	273.9	274.4	275.0	275.2	275.1
36.5°	272.1	272.1	272.3	273.0	273.1	273.2
37°	270.1	270.1	270.4	271.1	271.1	271.2
37.5°	268.0	268.2	268.5	268.9	269.1	269.3
38°	265.9	266.1	266.4	266.8	267.1	267.3
38.5°	263.9	263.9	264.2	264.7	265.0	265.2
39°	261.8	261.9	262.2	262.7	263.0	263.1
39.5°	259.9	259.8	260.2	260.6	261.0	261.1
40°	257.7	257.7	258.1	258.6	258.9	259.0
40.5°	255.5	255.5	255.8	256.4	256.7	256.8
41°	253.3	253.4	253.6	254.2	254.6	254.6
41.5°	251.1	251.2	251.4	251.9	252.3	252.5
42°	248.9	249.0	249.2	249.8	250.1	250.3
42.5°	246.7	246.8	247.1	247.5	248.0	248.0
43°	244.4	244.6	244.9	245.3	245.8	245.8
43.5°	242.1	242.2	242.7	243.0	243.5	243.6

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997252

CATALOG NUMBER: SMX8SLSFS010-900LM-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	235.3	235.3	235.6	236.2	236.8	236.7
45.5°	233.1	233.0	233.4	233.8	234.5	234.4
46°	230.8	230.7	231.0	231.6	232.1	232.0
46.5°	228.4	228.4	228.6	229.2	229.7	229.8
47°	226.0	225.9	226.1	226.8	227.3	227.3
47.5°	223.6	223.5	223.8	224.3	224.9	224.9
48°	221.2	221.1	221.3	221.9	222.4	222.4
48.5°	218.8	218.7	218.8	219.5	220.0	220.0
49°	216.3	216.1	216.2	217.1	217.5	217.4
49.5°	213.8	213.6	214.0	214.4	215.0	214.9
50°	211.2	211.0	211.3	212.0	212.4	212.5
50.5°	208.7	208.5	208.8	209.4	210.0	209.9
51°	206.3	206.1	206.4	206.9	207.6	207.5
51.5°	203.8	203.5	203.8	204.4	205.1	204.8
52°	201.2	201.0	201.1	201.7	202.3	202.4
52.5°	198.7	198.3	198.5	199.1	199.9	199.8
53°	196.0	195.7	196.0	196.5	197.1	197.2
53.5°	193.5	193.1	193.4	193.9	194.5	194.5
54°	190.7	190.3	190.5	191.2	191.7	191.9
54.5°	188.0	187.6	187.9	188.5	189.2	189.2
55°	185.3	184.9	185.2	185.8	186.4	186.6
55.5°	182.7	182.2	182.5	183.0	183.7	183.7
56°	179.9	179.6	179.8	180.4	181.0	181.1
56.5°	177.3	176.9	177.3	177.7	178.2	178.5
57°	174.5	174.0	174.4	175.0	175.4	175.8
57.5°	171.8	171.4	171.6	172.0	172.8	172.7
58°	169.0	168.5	168.7	169.3	169.7	170.2
58.5°	166.3	165.8	166.1	166.4	167.1	167.4
59°	163.5	162.9	163.0	163.7	164.2	164.4
59.5°	160.6	160.1	160.2	160.7	161.3	161.5
60°	157.7	157.1	157.4	158.0	158.4	158.8
60.5°	154.9	154.2	154.5	155.0	155.6	155.9
61°	152.0	151.3	151.7	152.2	152.8	153.1
61.5°	149.2	148.4	148.9	149.2	150.0	150.3
62°	146.2	145.6	145.9	146.4	147.1	147.3
62.5°	143.2	142.7	142.9	143.3	144.0	144.4
63°	140.3	139.7	139.9	140.3	141.0	141.4
63.5°	137.4	136.7	137.0	137.4	138.1	138.6
64°	134.4	133.7	134.1	134.5	135.2	135.4
64.5°	131.4	130.8	131.0	131.4	132.2	132.5
65°	128.5	127.7	128.0	128.5	129.1	129.6
65.5°	125.6	124.7	125.2	125.5	126.3	126.7
66°	122.6	121.8	122.1	122.5	123.2	123.6

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997252

CATALOG NUMBER: SMX8SLSFS010-900LM-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	113.5	112.7	113.0	113.5	114.2	114.4
68°	110.5	109.6	109.9	110.4	111.2	111.3
68.5°	107.5	106.6	106.8	107.2	108.1	108.6
69°	104.4	103.5	103.7	104.2	105.0	105.4
69.5°	101.3	100.4	100.6	101.0	101.9	102.2
70°	98.3	97.3	97.6	98.1	98.9	99.3
70.5°	95.2	94.3	94.6	95.1	95.8	96.2
71°	92.0	91.2	91.5	92.0	92.7	93.1
71.5°	88.9	88.1	88.4	88.9	89.7	90.0
72°	85.8	85.0	85.2	85.8	86.6	87.0
72.5°	82.7	81.9	82.2	82.7	83.5	83.8
73°	79.7	78.7	79.1	79.5	80.3	80.7
73.5°	76.7	75.7	75.9	76.5	77.4	77.6
74°	73.6	72.7	73.0	73.4	74.2	74.5
74.5°	70.6	69.7	70.0	70.5	71.3	71.6
75°	67.6	66.6	66.9	67.5	68.2	68.6
75.5°	64.5	63.7	63.9	64.3	65.1	65.6
76°	61.5	60.6	60.9	61.4	62.0	62.4
76.5°	58.4	57.6	57.8	58.3	59.0	59.4
77°	55.4	54.6	54.9	55.4	56.0	56.4
77.5°	52.5	51.6	51.9	52.3	53.0	53.4
78°	49.5	48.7	49.0	49.5	50.0	50.5
78.5°	46.7	45.8	46.0	46.5	47.2	47.6
79°	44.0	43.0	43.3	43.7	44.3	44.8
79.5°	41.1	40.0	40.4	40.9	41.6	42.0
80°	38.4	37.4	37.6	38.1	38.7	39.1
80.5°	35.8	34.7	34.8	35.4	36.0	36.3
81°	33.1	32.0	32.3	32.8	33.3	33.8
81.5°	30.4	29.4	29.6	30.1	30.6	31.1
82°	27.9	26.7	27.1	27.5	28.0	28.4
82.5°	25.4	24.1	24.4	24.9	25.3	25.7
83°	23.0	21.6	21.9	22.3	22.9	23.2
83.5°	20.7	19.2	19.6	19.9	20.4	20.8
84°	18.4	17.2	17.5	17.8	18.3	18.5
84.5°	16.4	15.2	15.4	15.7	16.2	16.4
85°	14.3	13.1	13.4	13.8	14.2	14.4
85.5°	12.4	11.3	11.6	11.9	12.3	12.5
86°	10.6	9.7	10.0	10.3	10.5	10.7
86.5°	9.0	8.2	8.5	8.8	9.0	9.1
87°	7.5	6.8	7.1	7.4	7.6	7.6
87.5°	6.2	5.6	6.0	6.2	6.3	6.3
88°	5.0	4.6	4.9	5.2	5.2	5.2
88.5°	4.0	3.7	4.2	4.4	4.3	4.4

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

Scaled Data Report



TEST NUMBER: P997252
CATALOG NUMBER: SMX8SLSFS010-900LM-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

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°	321.5	322.1	321.8	321.7	321.6	321.5	321.5	321.0	320.3	320.6	320.7
22°	320.2	320.7	320.6	320.5	320.6	320.2	320.2	319.7	319.0	319.4	319.6

Classified

Scaled Data Report

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



44°	241.2	241.8	241.9	242.0	242.1	241.6	241.4	240.8	240.3	240.6	240.3
44.5°	239.0	239.6	239.7	239.7	239.7	239.4	239.0	238.6	237.9	238.4	238.0



66.5°	120.6	121.3	121.8	121.8	122.7	122.4	122.1	121.5	120.7	120.3	119.9
67°	117.5	118.3	118.7	118.8	119.7	119.4	119.2	118.4	117.7	117.3	116.9

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

Scaled Data Report



89°	3.4	3.6	3.6	3.4	3.5	3.4	3.1	3.0	3.0	3.1
89.5°	2.7	2.8	2.8	2.6	2.5	2.5	2.3	2.1	2.2	2.4

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°	320.8	320.9	320.6	321.4	321.5	321.5
22°	319.7	319.8	319.4	320.2	320.3	320.2

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

Scaled Data Report



44°	239.9	239.8	240.3	240.8	241.3	241.2
44.5°	237.6	237.6	238.0	238.4	239.0	239.0

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

Scaled Data Report



66.5°	119.7	118.8	119.2	119.5	120.3	120.6
67°	116.7	115.8	116.0	116.4	117.2	117.5

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

Scaled Data Report



89°	3.1	3.0	3.4	3.6	3.5	3.4
89.5°	2.3	2.5	2.8	2.9	2.9	2.7

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

Scaled Data Report



(END OF REPORT)