

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: P997237

Luminaire Tested: **SMX8RLSFS010-900LM-3000K**

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: P997237
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (A2410770A001)
Test Lab:
Issue Date: 3/11/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: HALO
Catalog Number: SMX8RLSFS010-900LM-3000K
Description: 8IN ROUND, 90CRI, 0-10V DIMMING, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 3000K CCT
Ballast/Driver: -

Summary

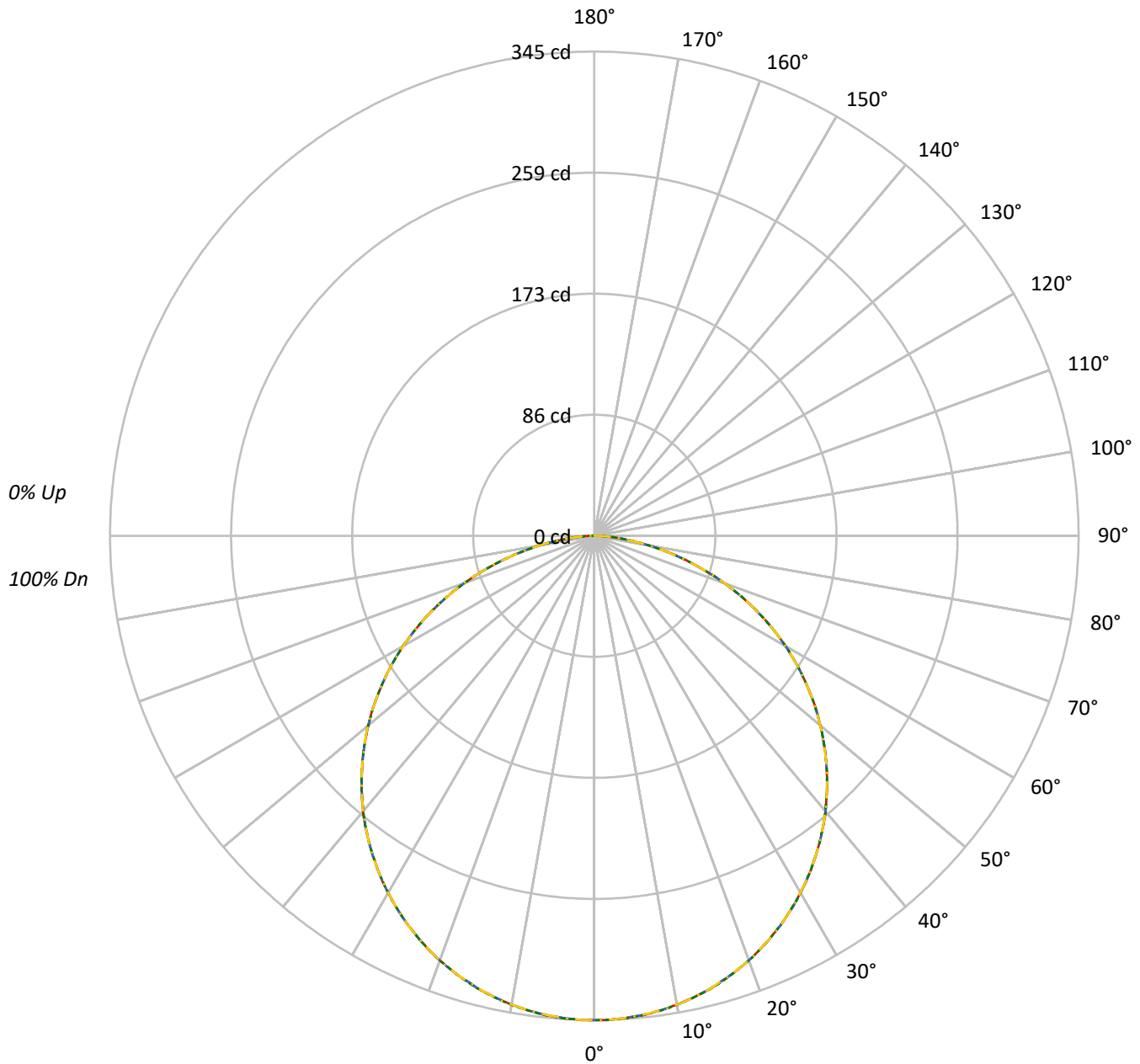
Lumens per Lamp: N/A
Luminaire Lumens: 1004.3 lumens
Efficiency: N/A
Efficacy: 100.4 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.26 / 1.39
Luminous Opening: Circular (Dia: 0.67' x H: 0')
CIE Type: Direct

Input Watts (W): 10
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: P997237

CATALOG NUMBER: SMX8RLSFS010-900LM-3000K

Luminous Intensity Polar Plot



Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997237

CATALOG NUMBER: SMX8RLSFS010-900LM-3000K

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	99	96	106	102	98	94	97	94	91	93	91	88	90	88	86	83		
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	49	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°	10539	10539	10539	10539
5°	10530	10536	10530	10536
10°	10519	10519	10519	10519
15°	10497	10497	10497	10497
20°	10462	10465	10462	10465
25°	10406	10412	10406	10412
30°	10354	10357	10354	10357
35°	10290	10283	10290	10283
40°	10219	10207	10219	10207
45°	10099	10112	10099	10112
50°	9979	9984	9979	9984
55°	9821	9826	9821	9826
60°	9599	9611	9599	9611
65°	9261	9297	9261	9297
70°	8784	8793	8784	8793
75°	8021	8045	8021	8045
80°	6857	6910	6857	6910
85°	5149	5430	5149	5430



TEST NUMBER: P997237

CATALOG NUMBER: SMX8RLSFS010-900LM-3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.7	3.3
10°-20°	93.7	9.3
20°-30°	142.4	14.2
30°-40°	172.7	17.2
40°-50°	180.5	18.0
50°-60°	164.8	16.4
60°-70°	126.9	12.6
70°-80°	72.0	7.2
80°-90°	18.5	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°	268.8	26.8
0°-40°	441.5	44.0
0°-60°	786.8	78.4
0°-90°	1004.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1004.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	345	345	345	345	345	
5°	344	344	344	344	344	33
15°	332	332	332	332	332	94
25°	309	309	309	309	309	142
35°	276	276	276	276	276	173
45°	234	234	234	234	234	181
55°	184	185	184	185	184	165
65°	128	129	128	129	128	127
75°	68	68	68	68	68	72
85°	15	16	15	16	15	18
90°	0	0	0	0	0	

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997237

CATALOG NUMBER: SMX8RLSFS010-900LM-3000K

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	345.2	345.2	345.2	345.2	345.2	345.2	345.2	345.2	345.2	345.2	345.2
0.5°	345.2	345.4	345.1	345.1	345.1	345.1	345.1	345.4	345.2	345.4	345.1
1°	345.2	345.2	345.0	345.1	345.1	345.1	345.0	345.2	345.2	345.2	345.0
1.5°	345.2	345.1	345.0	344.8	345.0	344.8	345.0	345.1	345.2	345.1	345.0
2°	345.0	345.1	344.9	344.7	344.9	344.7	344.9	345.1	345.0	345.1	344.9
2.5°	344.8	344.9	344.8	344.6	344.8	344.6	344.8	344.9	344.8	344.9	344.8
3°	344.7	344.6	344.5	344.7	344.6	344.7	344.5	344.6	344.7	344.6	344.5
3.5°	344.4	344.5	344.4	344.4	344.7	344.4	344.4	344.5	344.4	344.5	344.4
4°	344.0	344.2	344.0	344.3	344.4	344.3	344.0	344.2	344.0	344.2	344.0
4.5°	343.9	344.0	343.8	343.9	344.2	343.9	343.8	344.0	343.9	344.0	343.8
5°	343.6	343.7	343.5	343.7	343.8	343.7	343.5	343.7	343.6	343.7	343.5
5.5°	343.5	343.4	343.2	343.3	343.6	343.3	343.2	343.4	343.5	343.4	343.2
6°	343.3	343.0	342.9	343.1	343.2	343.1	342.9	343.0	343.3	343.0	342.9
6.5°	342.7	342.6	342.6	342.6	342.9	342.6	342.6	342.6	342.7	342.6	342.6
7°	342.1	342.2	342.2	342.4	342.4	342.4	342.2	342.2	342.1	342.2	342.2
7.5°	341.8	341.9	341.9	341.9	341.9	341.9	341.9	341.9	341.8	341.9	341.9
8°	341.5	341.4	341.5	341.4	341.3	341.4	341.5	341.4	341.5	341.4	341.5
8.5°	340.8	341.0	340.8	340.8	340.9	340.8	340.8	341.0	340.8	341.0	340.8
9°	340.3	340.4	340.4	340.3	340.5	340.3	340.4	340.4	340.3	340.4	340.4
9.5°	339.7	339.9	339.7	339.8	339.9	339.8	339.7	339.9	339.7	339.9	339.7
10°	339.3	339.2	339.2	339.2	339.3	339.2	339.2	339.2	339.3	339.2	339.2
10.5°	338.5	338.7	338.7	338.5	338.7	338.5	338.7	338.7	338.5	338.7	338.7
11°	337.9	338.0	338.1	338.0	338.1	338.0	338.1	338.0	337.9	338.0	338.1
11.5°	337.1	337.5	337.3	337.2	337.4	337.2	337.3	337.5	337.1	337.5	337.3
12°	336.7	336.6	336.5	336.7	336.7	336.7	336.5	336.6	336.7	336.6	336.5
12.5°	335.9	336.0	335.9	336.1	336.1	336.1	335.9	336.0	335.9	336.0	335.9
13°	335.2	335.3	335.1	335.3	335.3	335.3	335.1	335.3	335.2	335.3	335.1
13.5°	334.5	334.5	334.5	334.6	334.6	334.6	334.5	334.5	334.5	334.5	334.5
14°	333.7	333.8	333.6	333.8	333.7	333.8	333.6	333.8	333.7	333.8	333.6
14.5°	332.9	332.9	332.9	332.9	333.1	332.9	332.9	332.9	332.9	332.9	332.9
15°	332.1	331.9	331.8	332.1	332.1	332.1	331.8	331.9	332.1	331.9	331.8
15.5°	330.9	331.1	330.8	331.2	331.3	331.2	330.8	331.1	330.9	331.1	330.8
16°	329.9	330.1	330.0	330.3	330.4	330.3	330.0	330.1	329.9	330.1	330.0
16.5°	329.2	329.3	329.2	329.2	329.4	329.2	329.2	329.3	329.2	329.3	329.2
17°	328.2	328.1	328.2	328.3	328.4	328.3	328.2	328.1	328.2	328.1	328.2
17.5°	327.3	327.1	327.2	327.2	327.4	327.2	327.2	327.1	327.3	327.1	327.2
18°	326.2	326.1	326.1	326.2	326.4	326.2	326.1	326.1	326.2	326.1	326.1
18.5°	325.1	325.0	325.2	325.1	325.2	325.1	325.2	325.0	325.1	325.0	325.2
19°	324.2	324.0	324.2	324.1	324.1	324.1	324.2	324.0	324.2	324.0	324.2
19.5°	323.1	323.0	323.1	322.9	323.0	322.9	323.1	323.0	323.1	323.0	323.1
20°	322.0	321.8	321.9	321.9	322.1	321.9	321.9	321.8	322.0	321.8	321.9
20.5°	320.8	320.6	320.7	320.8	320.9	320.8	320.7	320.6	320.8	320.6	320.7
21°	319.5	319.3	319.5	319.8	319.6	319.8	319.5	319.3	319.5	319.3	319.5

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997237

CATALOG NUMBER: SMX8RLSFS010-900LM-3000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
22.5°	315.7	315.7	315.7	315.8	315.9	315.8	315.7	315.7	315.7	315.7	315.7
23°	314.6	314.3	314.5	314.5	314.5	314.5	314.5	314.3	314.6	314.3	314.5
23.5°	313.3	313.1	313.2	313.2	313.2	313.2	313.2	313.1	313.3	313.1	313.2
24°	311.7	311.6	311.9	311.9	311.8	311.9	311.9	311.6	311.7	311.6	311.9
24.5°	310.3	310.4	310.5	310.5	310.4	310.5	310.5	310.4	310.3	310.4	310.5
25°	308.9	308.8	309.0	309.1	309.1	309.1	309.0	308.8	308.9	308.8	309.0
25.5°	307.7	307.6	307.7	307.7	307.6	307.7	307.7	307.6	307.7	307.6	307.7
26°	306.2	306.0	306.3	306.2	306.2	306.2	306.3	306.0	306.2	306.0	306.3
26.5°	304.7	304.6	304.8	304.7	304.8	304.7	304.8	304.6	304.7	304.6	304.8
27°	303.2	303.1	303.3	303.2	303.2	303.2	303.3	303.1	303.2	303.1	303.3
27.5°	301.7	301.5	301.8	301.7	301.6	301.7	301.8	301.5	301.7	301.5	301.8
28°	300.2	299.9	300.2	300.1	300.1	300.1	300.2	299.9	300.2	299.9	300.2
28.5°	298.6	298.3	298.7	298.4	298.5	298.4	298.7	298.3	298.6	298.3	298.7
29°	297.0	296.9	297.0	297.0	297.1	297.0	297.0	296.9	297.0	296.9	297.0
29.5°	295.4	295.3	295.4	295.3	295.3	295.3	295.4	295.3	295.4	295.3	295.4
30°	293.7	293.6	293.7	293.7	293.8	293.7	293.7	293.6	293.7	293.6	293.7
30.5°	292.2	291.9	292.0	292.0	292.1	292.0	292.0	291.9	292.2	291.9	292.0
31°	290.4	290.2	290.4	290.4	290.4	290.4	290.4	290.2	290.4	290.2	290.4
31.5°	288.8	288.4	288.6	288.7	288.7	288.7	288.6	288.4	288.8	288.4	288.6
32°	287.0	286.7	286.9	287.0	286.9	287.0	286.9	286.7	287.0	286.7	286.9
32.5°	285.2	285.1	285.2	285.2	285.2	285.2	285.2	285.1	285.2	285.1	285.2
33°	283.5	283.3	283.4	283.5	283.5	283.5	283.4	283.3	283.5	283.3	283.4
33.5°	281.6	281.5	281.6	281.6	281.6	281.6	281.6	281.5	281.6	281.5	281.6
34°	279.7	279.8	279.8	279.8	279.6	279.8	279.8	279.8	279.7	279.8	279.8
34.5°	278.0	277.8	277.9	277.9	277.8	277.9	277.9	277.8	278.0	277.8	277.9
35°	276.1	276.0	276.0	276.1	275.9	276.1	276.0	276.0	276.1	276.0	276.0
35.5°	274.1	274.1	274.2	274.2	274.1	274.2	274.2	274.1	274.1	274.1	274.2
36°	272.2	272.2	272.4	272.3	272.2	272.3	272.4	272.2	272.2	272.2	272.4
36.5°	270.4	270.3	270.4	270.2	270.3	270.2	270.4	270.3	270.4	270.3	270.4
37°	268.3	268.3	268.4	268.2	268.2	268.2	268.4	268.3	268.3	268.3	268.4
37.5°	266.4	266.3	266.3	266.2	266.3	266.2	266.3	266.3	266.4	266.3	266.3
38°	264.4	264.2	264.3	264.3	264.4	264.3	264.3	264.2	264.4	264.2	264.3
38.5°	262.5	262.2	262.4	262.3	262.4	262.3	262.4	262.2	262.5	262.2	262.4
39°	260.4	260.2	260.4	260.3	260.4	260.3	260.4	260.2	260.4	260.2	260.4
39.5°	258.6	258.2	258.3	258.2	258.2	258.2	258.3	258.2	258.6	258.2	258.3
40°	256.4	256.1	256.3	256.1	256.1	256.1	256.3	256.1	256.4	256.1	256.3
40.5°	254.1	253.9	254.0	253.9	253.8	253.9	254.0	253.9	254.1	253.9	254.0
41°	251.9	251.8	251.8	251.9	251.7	251.9	251.8	251.8	251.9	251.8	251.8
41.5°	249.7	249.7	249.7	249.7	249.6	249.7	249.7	249.7	249.7	249.7	249.7
42°	247.5	247.5	247.5	247.6	247.5	247.6	247.5	247.5	247.5	247.5	247.5
42.5°	245.4	245.2	245.4	245.4	245.5	245.4	245.4	245.2	245.4	245.2	245.4
43°	243.1	243.0	243.0	243.2	243.2	243.2	243.0	243.0	243.1	243.0	243.0
43.5°	240.8	240.7	240.8	241.0	240.9	241.0	240.8	240.7	240.8	240.7	240.8

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997237

CATALOG NUMBER: SMX8RLSFS010-900LM-3000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	233.9	233.9	234.1	234.1	234.2	234.1	234.1	233.9	233.9	233.9	234.1
45.5°	231.9	231.6	231.8	231.7	231.8	231.7	231.8	231.6	231.9	231.6	231.8
46°	229.5	229.3	229.3	229.4	229.4	229.4	229.3	229.3	229.5	229.3	229.3
46.5°	227.1	227.0	227.0	227.0	227.1	227.0	227.0	227.0	227.1	227.0	227.0
47°	224.7	224.7	224.6	224.6	224.8	224.6	224.6	224.7	224.7	224.7	224.6
47.5°	222.3	222.3	222.4	222.4	222.4	222.4	222.4	222.3	222.3	222.3	222.4
48°	219.8	220.0	220.0	220.0	219.9	220.0	220.0	220.0	219.8	220.0	220.0
48.5°	217.4	217.5	217.6	217.6	217.6	217.6	217.6	217.5	217.4	217.5	217.6
49°	215.1	215.0	215.2	215.2	215.1	215.2	215.2	215.0	215.1	215.0	215.2
49.5°	212.7	212.5	212.8	212.7	212.7	212.7	212.8	212.5	212.7	212.5	212.8
50°	210.1	210.1	210.2	210.3	210.2	210.3	210.2	210.1	210.1	210.1	210.2
50.5°	207.6	207.7	207.7	207.8	207.8	207.8	207.7	207.7	207.6	207.7	207.7
51°	205.3	205.1	205.1	205.4	205.2	205.4	205.1	205.1	205.3	205.1	205.1
51.5°	202.9	202.6	202.6	202.8	202.7	202.8	202.6	202.6	202.9	202.6	202.6
52°	200.3	200.1	200.2	200.2	200.2	200.2	200.2	200.1	200.3	200.1	200.2
52.5°	197.7	197.6	197.6	197.6	197.6	197.6	197.6	197.6	197.7	197.6	197.6
53°	195.0	194.9	195.0	195.0	195.0	195.0	195.0	194.9	195.0	194.9	195.0
53.5°	192.4	192.4	192.5	192.4	192.5	192.4	192.5	192.4	192.4	192.4	192.5
54°	189.7	189.7	189.8	189.8	189.8	189.8	189.8	189.7	189.7	189.7	189.8
54.5°	187.1	187.1	187.2	187.2	187.3	187.2	187.2	187.1	187.1	187.1	187.2
55°	184.5	184.5	184.6	184.6	184.6	184.6	184.6	184.5	184.5	184.5	184.6
55.5°	181.7	181.8	181.9	181.9	181.9	181.9	181.9	181.8	181.7	181.8	181.9
56°	179.2	179.2	179.1	179.2	179.1	179.2	179.1	179.2	179.2	179.2	179.1
56.5°	176.7	176.6	176.4	176.6	176.6	176.6	176.4	176.6	176.7	176.6	176.4
57°	173.9	173.9	173.8	173.8	173.8	173.8	173.8	173.9	173.9	173.9	173.8
57.5°	171.0	171.1	171.1	171.2	171.0	171.2	171.1	171.1	171.0	171.1	171.1
58°	168.4	168.4	168.4	168.4	168.3	168.4	168.4	168.4	168.4	168.4	168.4
58.5°	165.7	165.7	165.6	165.6	165.7	165.6	165.6	165.7	165.7	165.7	165.6
59°	162.8	162.8	162.9	162.9	162.9	162.9	162.9	162.8	162.8	162.8	162.9
59.5°	160.1	160.0	160.2	160.2	160.1	160.2	160.2	160.0	160.1	160.0	160.2
60°	157.2	157.2	157.3	157.5	157.4	157.5	157.3	157.2	157.2	157.2	157.3
60.5°	154.5	154.5	154.4	154.6	154.6	154.6	154.4	154.5	154.5	154.5	154.4
61°	151.6	151.6	151.5	151.7	151.7	151.7	151.5	151.6	151.6	151.6	151.5
61.5°	148.8	148.7	148.7	148.9	148.9	148.9	148.7	148.7	148.8	148.7	148.7
62°	145.9	145.9	145.9	146.0	146.0	146.0	145.9	145.9	145.9	145.9	145.9
62.5°	142.9	143.0	143.0	143.0	143.2	143.0	143.0	143.0	142.9	143.0	143.0
63°	140.1	140.1	140.2	140.1	140.2	140.1	140.2	140.1	140.1	140.1	140.2
63.5°	137.1	137.3	137.2	137.2	137.2	137.2	137.2	137.3	137.1	137.3	137.2
64°	134.2	134.2	134.3	134.2	134.4	134.2	134.3	134.2	134.2	134.2	134.3
64.5°	131.2	131.3	131.4	131.3	131.5	131.3	131.4	131.3	131.2	131.3	131.4
65°	128.2	128.3	128.5	128.5	128.7	128.5	128.5	128.3	128.2	128.3	128.5
65.5°	125.4	125.4	125.4	125.5	125.6	125.5	125.4	125.4	125.4	125.4	125.4
66°	122.4	122.4	122.5	122.5	122.6	122.5	122.5	122.4	122.4	122.4	122.5

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997237

CATALOG NUMBER: SMX8RLSFS010-900LM-3000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	113.5	113.5	113.5	113.5	113.7	113.5	113.5	113.5	113.5	113.5	113.5
68°	110.4	110.5	110.4	110.6	110.7	110.6	110.4	110.5	110.4	110.5	110.4
68.5°	107.5	107.5	107.4	107.6	107.7	107.6	107.4	107.5	107.5	107.5	107.4
69°	104.4	104.5	104.5	104.6	104.6	104.6	104.5	104.5	104.4	104.5	104.5
69.5°	101.3	101.5	101.5	101.4	101.5	101.4	101.5	101.5	101.3	101.5	101.5
70°	98.4	98.4	98.5	98.4	98.5	98.4	98.5	98.4	98.4	98.4	98.5
70.5°	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
71°	92.3	92.5	92.4	92.4	92.4	92.4	92.4	92.5	92.3	92.5	92.4
71.5°	89.2	89.4	89.3	89.3	89.3	89.3	89.3	89.4	89.2	89.4	89.3
72°	86.2	86.2	86.2	86.4	86.2	86.4	86.2	86.2	86.2	86.2	86.2
72.5°	83.1	83.2	83.2	83.2	83.3	83.2	83.2	83.2	83.1	83.2	83.2
73°	80.1	80.1	80.2	80.3	80.2	80.3	80.2	80.1	80.1	80.1	80.2
73.5°	77.0	77.1	77.2	77.3	77.1	77.3	77.2	77.1	77.0	77.1	77.2
74°	74.0	74.2	74.1	74.2	74.2	74.2	74.1	74.2	74.0	74.2	74.1
74.5°	71.0	71.0	71.0	71.2	71.2	71.2	71.0	71.0	71.0	71.0	71.0
75°	68.0	68.0	68.1	68.2	68.2	68.2	68.1	68.0	68.0	68.0	68.1
75.5°	65.0	65.0	65.1	65.1	65.3	65.1	65.1	65.0	65.0	65.0	65.1
76°	62.0	62.0	62.1	62.1	62.2	62.1	62.1	62.0	62.0	62.0	62.1
76.5°	58.9	59.0	59.1	59.2	59.3	59.2	59.1	59.0	58.9	59.0	59.1
77°	56.0	56.1	56.1	56.3	56.5	56.3	56.1	56.1	56.0	56.1	56.1
77.5°	53.0	53.1	53.2	53.4	53.6	53.4	53.2	53.1	53.0	53.1	53.2
78°	50.1	50.2	50.4	50.5	50.7	50.5	50.4	50.2	50.1	50.2	50.4
78.5°	47.3	47.3	47.5	47.5	47.7	47.5	47.5	47.3	47.3	47.3	47.5
79°	44.5	44.5	44.6	44.8	45.0	44.8	44.6	44.5	44.5	44.5	44.6
79.5°	41.7	41.7	41.9	42.0	42.1	42.0	41.9	41.7	41.7	41.7	41.9
80°	39.0	39.0	39.1	39.2	39.3	39.2	39.1	39.0	39.0	39.0	39.1
80.5°	36.3	36.3	36.5	36.6	36.6	36.6	36.5	36.3	36.3	36.3	36.5
81°	33.7	33.7	33.8	34.0	33.9	34.0	33.8	33.7	33.7	33.7	33.8
81.5°	31.0	31.0	31.2	31.3	31.3	31.3	31.2	31.0	31.0	31.0	31.2
82°	28.5	28.5	28.6	28.8	28.8	28.8	28.6	28.5	28.5	28.5	28.6
82.5°	25.9	26.0	26.1	26.4	26.5	26.4	26.1	26.0	25.9	26.0	26.1
83°	23.5	23.5	23.8	24.1	24.2	24.1	23.8	23.5	23.5	23.5	23.8
83.5°	21.0	21.1	21.4	21.7	21.9	21.7	21.4	21.1	21.0	21.1	21.4
84°	18.8	18.9	19.3	19.5	19.7	19.5	19.3	18.9	18.8	18.9	19.3
84.5°	16.7	16.8	17.1	17.4	17.8	17.4	17.1	16.8	16.7	16.8	17.1
85°	14.7	14.8	15.1	15.4	15.5	15.4	15.1	14.8	14.7	14.8	15.1
85.5°	12.8	12.9	13.2	13.5	13.9	13.5	13.2	12.9	12.8	12.9	13.2
86°	11.1	11.2	11.5	11.8	12.1	11.8	11.5	11.2	11.1	11.2	11.5
86.5°	9.4	9.5	9.9	10.3	10.7	10.3	9.9	9.5	9.4	9.5	9.9
87°	7.8	8.0	8.4	8.8	9.2	8.8	8.4	8.0	7.8	8.0	8.4
87.5°	6.4	6.7	7.1	7.4	7.9	7.4	7.1	6.7	6.4	6.7	7.1
88°	5.3	5.5	5.8	6.2	6.6	6.2	5.8	5.5	5.3	5.5	5.8
88.5°	4.2	4.4	4.7	5.1	5.6	5.1	4.7	4.4	4.2	4.4	4.7

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

Scaled Data Report



TEST NUMBER: P997237
CATALOG NUMBER: SMX8RLSFS010-900LM-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: P997237

CATALOG NUMBER: SMX8RLSFS010-900LM-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	345.2	345.2	345.2	345.2	345.2	345.2
0.5°	345.1	345.1	345.1	345.1	345.4	345.2
1°	345.1	345.1	345.1	345.0	345.2	345.2
1.5°	344.8	345.0	344.8	345.0	345.1	345.2
2°	344.7	344.9	344.7	344.9	345.1	345.0
2.5°	344.6	344.8	344.6	344.8	344.9	344.8
3°	344.7	344.6	344.7	344.5	344.6	344.7
3.5°	344.4	344.7	344.4	344.4	344.5	344.4
4°	344.3	344.4	344.3	344.0	344.2	344.0
4.5°	343.9	344.2	343.9	343.8	344.0	343.9
5°	343.7	343.8	343.7	343.5	343.7	343.6
5.5°	343.3	343.6	343.3	343.2	343.4	343.5
6°	343.1	343.2	343.1	342.9	343.0	343.3
6.5°	342.6	342.9	342.6	342.6	342.6	342.7
7°	342.4	342.4	342.4	342.2	342.2	342.1
7.5°	341.9	341.9	341.9	341.9	341.9	341.8
8°	341.4	341.3	341.4	341.5	341.4	341.5
8.5°	340.8	340.9	340.8	340.8	341.0	340.8
9°	340.3	340.5	340.3	340.4	340.4	340.3
9.5°	339.8	339.9	339.8	339.7	339.9	339.7
10°	339.2	339.3	339.2	339.2	339.2	339.3
10.5°	338.5	338.7	338.5	338.7	338.7	338.5
11°	338.0	338.1	338.0	338.1	338.0	337.9
11.5°	337.2	337.4	337.2	337.3	337.5	337.1
12°	336.7	336.7	336.7	336.5	336.6	336.7
12.5°	336.1	336.1	336.1	335.9	336.0	335.9
13°	335.3	335.3	335.3	335.1	335.3	335.2
13.5°	334.6	334.6	334.6	334.5	334.5	334.5
14°	333.8	333.7	333.8	333.6	333.8	333.7
14.5°	332.9	333.1	332.9	332.9	332.9	332.9
15°	332.1	332.1	332.1	331.8	331.9	332.1
15.5°	331.2	331.3	331.2	330.8	331.1	330.9
16°	330.3	330.4	330.3	330.0	330.1	329.9
16.5°	329.2	329.4	329.2	329.2	329.3	329.2
17°	328.3	328.4	328.3	328.2	328.1	328.2
17.5°	327.2	327.4	327.2	327.2	327.1	327.3
18°	326.2	326.4	326.2	326.1	326.1	326.2
18.5°	325.1	325.2	325.1	325.2	325.0	325.1
19°	324.1	324.1	324.1	324.2	324.0	324.2
19.5°	322.9	323.0	322.9	323.1	323.0	323.1
20°	321.9	322.1	321.9	321.9	321.8	322.0
20.5°	320.8	320.9	320.8	320.7	320.6	320.8
21°	319.8	319.6	319.8	319.5	319.3	319.5

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997237

CATALOG NUMBER: SMX8RLSFS010-900LM-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	315.8	315.9	315.8	315.7	315.7	315.7
23°	314.5	314.5	314.5	314.5	314.3	314.6
23.5°	313.2	313.2	313.2	313.2	313.1	313.3
24°	311.9	311.8	311.9	311.9	311.6	311.7
24.5°	310.5	310.4	310.5	310.5	310.4	310.3
25°	309.1	309.1	309.1	309.0	308.8	308.9
25.5°	307.7	307.6	307.7	307.7	307.6	307.7
26°	306.2	306.2	306.2	306.3	306.0	306.2
26.5°	304.7	304.8	304.7	304.8	304.6	304.7
27°	303.2	303.2	303.2	303.3	303.1	303.2
27.5°	301.7	301.6	301.7	301.8	301.5	301.7
28°	300.1	300.1	300.1	300.2	299.9	300.2
28.5°	298.4	298.5	298.4	298.7	298.3	298.6
29°	297.0	297.1	297.0	297.0	296.9	297.0
29.5°	295.3	295.3	295.3	295.4	295.3	295.4
30°	293.7	293.8	293.7	293.7	293.6	293.7
30.5°	292.0	292.1	292.0	292.0	291.9	292.2
31°	290.4	290.4	290.4	290.4	290.2	290.4
31.5°	288.7	288.7	288.7	288.6	288.4	288.8
32°	287.0	286.9	287.0	286.9	286.7	287.0
32.5°	285.2	285.2	285.2	285.2	285.1	285.2
33°	283.5	283.5	283.5	283.4	283.3	283.5
33.5°	281.6	281.6	281.6	281.6	281.5	281.6
34°	279.8	279.6	279.8	279.8	279.8	279.7
34.5°	277.9	277.8	277.9	277.9	277.8	278.0
35°	276.1	275.9	276.1	276.0	276.0	276.1
35.5°	274.2	274.1	274.2	274.2	274.1	274.1
36°	272.3	272.2	272.3	272.4	272.2	272.2
36.5°	270.2	270.3	270.2	270.4	270.3	270.4
37°	268.2	268.2	268.2	268.4	268.3	268.3
37.5°	266.2	266.3	266.2	266.3	266.3	266.4
38°	264.3	264.4	264.3	264.3	264.2	264.4
38.5°	262.3	262.4	262.3	262.4	262.2	262.5
39°	260.3	260.4	260.3	260.4	260.2	260.4
39.5°	258.2	258.2	258.2	258.3	258.2	258.6
40°	256.1	256.1	256.1	256.3	256.1	256.4
40.5°	253.9	253.8	253.9	254.0	253.9	254.1
41°	251.9	251.7	251.9	251.8	251.8	251.9
41.5°	249.7	249.6	249.7	249.7	249.7	249.7
42°	247.6	247.5	247.6	247.5	247.5	247.5
42.5°	245.4	245.5	245.4	245.4	245.2	245.4
43°	243.2	243.2	243.2	243.0	243.0	243.1
43.5°	241.0	240.9	241.0	240.8	240.7	240.8

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997237

CATALOG NUMBER: SMX8RLSFS010-900LM-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	234.1	234.2	234.1	234.1	233.9	233.9
45.5°	231.7	231.8	231.7	231.8	231.6	231.9
46°	229.4	229.4	229.4	229.3	229.3	229.5
46.5°	227.0	227.1	227.0	227.0	227.0	227.1
47°	224.6	224.8	224.6	224.6	224.7	224.7
47.5°	222.4	222.4	222.4	222.4	222.3	222.3
48°	220.0	219.9	220.0	220.0	220.0	219.8
48.5°	217.6	217.6	217.6	217.6	217.5	217.4
49°	215.2	215.1	215.2	215.2	215.0	215.1
49.5°	212.7	212.7	212.7	212.8	212.5	212.7
50°	210.3	210.2	210.3	210.2	210.1	210.1
50.5°	207.8	207.8	207.8	207.7	207.7	207.6
51°	205.4	205.2	205.4	205.1	205.1	205.3
51.5°	202.8	202.7	202.8	202.6	202.6	202.9
52°	200.2	200.2	200.2	200.2	200.1	200.3
52.5°	197.6	197.6	197.6	197.6	197.6	197.7
53°	195.0	195.0	195.0	195.0	194.9	195.0
53.5°	192.4	192.5	192.4	192.5	192.4	192.4
54°	189.8	189.8	189.8	189.8	189.7	189.7
54.5°	187.2	187.3	187.2	187.2	187.1	187.1
55°	184.6	184.6	184.6	184.6	184.5	184.5
55.5°	181.9	181.9	181.9	181.9	181.8	181.7
56°	179.2	179.1	179.2	179.1	179.2	179.2
56.5°	176.6	176.6	176.6	176.4	176.6	176.7
57°	173.8	173.8	173.8	173.8	173.9	173.9
57.5°	171.2	171.0	171.2	171.1	171.1	171.0
58°	168.4	168.3	168.4	168.4	168.4	168.4
58.5°	165.6	165.7	165.6	165.6	165.7	165.7
59°	162.9	162.9	162.9	162.9	162.8	162.8
59.5°	160.2	160.1	160.2	160.2	160.0	160.1
60°	157.5	157.4	157.5	157.3	157.2	157.2
60.5°	154.6	154.6	154.6	154.4	154.5	154.5
61°	151.7	151.7	151.7	151.5	151.6	151.6
61.5°	148.9	148.9	148.9	148.7	148.7	148.8
62°	146.0	146.0	146.0	145.9	145.9	145.9
62.5°	143.0	143.2	143.0	143.0	143.0	142.9
63°	140.1	140.2	140.1	140.2	140.1	140.1
63.5°	137.2	137.2	137.2	137.2	137.3	137.1
64°	134.2	134.4	134.2	134.3	134.2	134.2
64.5°	131.3	131.5	131.3	131.4	131.3	131.2
65°	128.5	128.7	128.5	128.5	128.3	128.2
65.5°	125.5	125.6	125.5	125.4	125.4	125.4
66°	122.5	122.6	122.5	122.5	122.4	122.4

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997237

CATALOG NUMBER: SMX8RLSFS010-900LM-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	113.5	113.7	113.5	113.5	113.5	113.5
68°	110.6	110.7	110.6	110.4	110.5	110.4
68.5°	107.6	107.7	107.6	107.4	107.5	107.5
69°	104.6	104.6	104.6	104.5	104.5	104.4
69.5°	101.4	101.5	101.4	101.5	101.5	101.3
70°	98.4	98.5	98.4	98.5	98.4	98.4
70.5°	95.4	95.4	95.4	95.4	95.4	95.4
71°	92.4	92.4	92.4	92.4	92.5	92.3
71.5°	89.3	89.3	89.3	89.3	89.4	89.2
72°	86.4	86.2	86.4	86.2	86.2	86.2
72.5°	83.2	83.3	83.2	83.2	83.2	83.1
73°	80.3	80.2	80.3	80.2	80.1	80.1
73.5°	77.3	77.1	77.3	77.2	77.1	77.0
74°	74.2	74.2	74.2	74.1	74.2	74.0
74.5°	71.2	71.2	71.2	71.0	71.0	71.0
75°	68.2	68.2	68.2	68.1	68.0	68.0
75.5°	65.1	65.3	65.1	65.1	65.0	65.0
76°	62.1	62.2	62.1	62.1	62.0	62.0
76.5°	59.2	59.3	59.2	59.1	59.0	58.9
77°	56.3	56.5	56.3	56.1	56.1	56.0
77.5°	53.4	53.6	53.4	53.2	53.1	53.0
78°	50.5	50.7	50.5	50.4	50.2	50.1
78.5°	47.5	47.7	47.5	47.5	47.3	47.3
79°	44.8	45.0	44.8	44.6	44.5	44.5
79.5°	42.0	42.1	42.0	41.9	41.7	41.7
80°	39.2	39.3	39.2	39.1	39.0	39.0
80.5°	36.6	36.6	36.6	36.5	36.3	36.3
81°	34.0	33.9	34.0	33.8	33.7	33.7
81.5°	31.3	31.3	31.3	31.2	31.0	31.0
82°	28.8	28.8	28.8	28.6	28.5	28.5
82.5°	26.4	26.5	26.4	26.1	26.0	25.9
83°	24.1	24.2	24.1	23.8	23.5	23.5
83.5°	21.7	21.9	21.7	21.4	21.1	21.0
84°	19.5	19.7	19.5	19.3	18.9	18.8
84.5°	17.4	17.8	17.4	17.1	16.8	16.7
85°	15.4	15.5	15.4	15.1	14.8	14.7
85.5°	13.5	13.9	13.5	13.2	12.9	12.8
86°	11.8	12.1	11.8	11.5	11.2	11.1
86.5°	10.3	10.7	10.3	9.9	9.5	9.4
87°	8.8	9.2	8.8	8.4	8.0	7.8
87.5°	7.4	7.9	7.4	7.1	6.7	6.4
88°	6.2	6.6	6.2	5.8	5.5	5.3
88.5°	5.1	5.6	5.1	4.7	4.4	4.2

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

Scaled Data Report



TEST NUMBER: P997237
CATALOG NUMBER: SMX8RLSFS010-900LM-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°	318.3	318.2	318.3	318.3	318.4	318.3	318.3	318.2	318.3	318.2	318.3
22°	317.2	317.0	317.0	317.0	317.1	317.0	317.0	317.0	317.2	317.0	317.0



44°	238.5	238.5	238.6	238.8	238.7	238.8	238.6	238.5	238.5	238.5	238.6
44.5°	236.2	236.3	236.4	236.5	236.4	236.5	236.4	236.3	236.2	236.3	236.4



66.5°	119.4	119.4	119.5	119.5	119.6	119.5	119.5	119.4	119.4	119.4	119.5
67°	116.5	116.4	116.5	116.5	116.6	116.5	116.5	116.4	116.5	116.4	116.5



89°	3.4	3.5	3.8	4.2	4.5	4.2	3.8	3.5	3.4	3.5	3.8
89.5°	2.6	2.7	3.0	3.4	3.8	3.4	3.0	2.7	2.6	2.7	3.0

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°	318.3	318.4	318.3	318.3	318.2	318.3
22°	317.0	317.1	317.0	317.0	317.0	317.2

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

Scaled Data Report



44°	238.8	238.7	238.8	238.6	238.5	238.5
44.5°	236.5	236.4	236.5	236.4	236.3	236.2

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

Scaled Data Report



66.5°	119.5	119.6	119.5	119.5	119.4	119.4
67°	116.5	116.6	116.5	116.5	116.4	116.5

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

Scaled Data Report



89°	4.2	4.5	4.2	3.8	3.5	3.4
89.5°	3.4	3.8	3.4	3.0	2.7	2.6

Classified

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report



(END OF REPORT)