

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



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: P997253

Luminaire Tested: **SMX8SLSFS010-900LM-3500K**

Issue Date: 3/11/2025



Test Information

Test Method: LM-41-14
Report Number: P997253
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-3500K
Description: 8IN SQAURE, 90CRI, 0-10V DIMMING, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 3500K CCT
Ballast/Driver: -

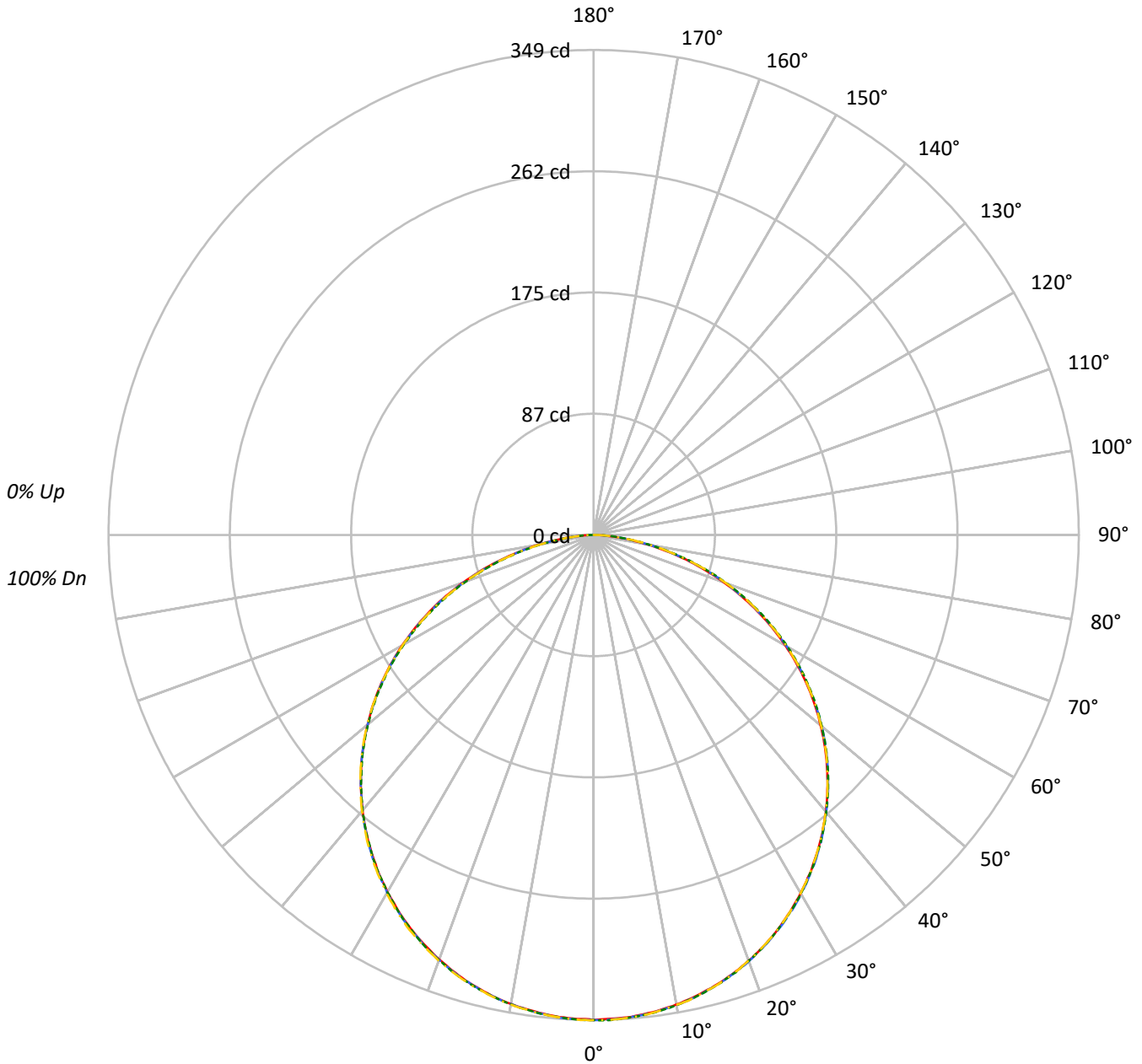
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1016.9 lumens
Efficiency: N/A
Efficacy: 102.7 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 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

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CATALOG NUMBER: SMX8SLSFS010-900LM-3500K

Luminous Intensity Polar Plot





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CATALOG NUMBER: SMX8SLSFS010-900LM-3500K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20					20					20					20					20					
RC	80					70					50					30					10					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0					
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°	8373	8373	8373	8373
5°	8362	8376	8355	8367
10°	8356	8369	8347	8351
15°	8341	8351	8324	8334
20°	8319	8324	8293	8311
25°	8286	8292	8257	8263
30°	8245	8257	8215	8218
35°	8193	8205	8164	8164
40°	8135	8151	8098	8095
45°	8054	8078	8020	8003
50°	7953	7998	7920	7897
55°	7826	7880	7801	7755
60°	7644	7726	7630	7563
65°	7376	7489	7370	7268
70°	6983	7137	6997	6850
75°	6374	6578	6393	6189
80°	5413	5703	5454	5178
85°	3989	4484	4127	3632



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.0	3.2
10°-20°	94.8	9.3
20°-30°	144.3	14.2
30°-40°	174.9	17.2
40°-50°	183.0	18.0
50°-60°	167.1	16.4
60°-70°	128.6	12.6
70°-80°	72.9	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°	272.1	26.8
0°-40°	447.1	44.0
0°-60°	797.1	78.4
0°-90°	1016.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1016.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	349	349	349	349	349	
5°	347	348	347	348	347	33
15°	336	336	335	336	336	95
25°	313	313	312	312	313	144
35°	280	280	279	279	280	175
45°	238	238	236	236	238	183
55°	187	188	187	186	187	167
65°	130	132	130	128	130	128
75°	69	71	69	67	69	73
85°	14	16	15	13	14	18
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	349.2	349.2	349.2	349.2	349.2	349.2	349.2	349.2	349.2	349.2	349.2
0.5°	348.7	349.2	349.2	349.2	349.3	349.0	349.2	349.1	348.6	349.1	349.1
1°	348.7	349.3	349.2	349.3	349.4	349.0	349.3	349.2	348.5	349.2	349.0
1.5°	348.6	349.1	349.1	349.3	349.4	348.9	349.3	349.0	348.5	349.2	348.9
2°	348.5	349.0	348.9	349.3	349.4	348.8	349.2	349.0	348.6	349.0	348.8
2.5°	348.3	348.8	348.8	349.0	349.1	348.8	349.0	348.8	348.4	348.8	348.8
3°	348.3	348.7	348.6	348.8	348.9	348.5	348.9	348.8	348.2	348.7	348.6
3.5°	348.1	348.6	348.5	348.6	348.6	348.4	348.7	348.3	347.9	348.4	348.4
4°	348.1	348.3	348.3	348.4	348.4	348.2	348.5	348.2	347.8	348.2	348.2
4.5°	347.9	347.9	348.0	348.3	348.1	348.0	348.2	347.9	347.5	348.0	347.9
5°	347.4	347.8	347.7	348.1	348.0	347.6	347.9	347.7	347.1	347.5	347.5
5.5°	347.1	347.4	347.4	347.6	347.6	347.4	347.8	347.3	346.9	347.2	347.1
6°	346.7	347.2	347.1	347.5	347.4	347.0	347.3	347.0	346.5	346.8	346.8
6.5°	346.4	346.8	346.7	347.0	347.0	346.7	347.1	346.7	346.1	346.3	346.3
7°	346.1	346.4	346.4	346.8	346.7	346.3	346.5	346.4	345.6	346.1	346.1
7.5°	345.8	345.9	345.9	346.3	346.3	346.0	346.1	345.8	345.2	345.6	345.5
8°	345.1	345.5	345.5	345.8	345.8	345.5	345.5	345.3	344.7	345.0	345.2
8.5°	344.7	345.1	345.0	345.2	345.2	345.1	345.2	344.8	344.3	344.5	344.5
9°	344.1	344.6	344.5	344.8	344.9	344.5	344.5	344.5	343.8	343.9	344.0
9.5°	343.7	344.1	344.1	344.2	344.2	343.9	344.1	343.8	343.3	343.4	343.4
10°	343.2	343.6	343.6	343.8	343.7	343.3	343.3	343.3	342.8	343.0	342.8
10.5°	342.6	342.9	343.0	343.1	343.1	342.8	343.0	342.6	342.2	342.3	342.3
11°	341.8	342.4	342.4	342.6	342.4	342.1	342.5	342.1	341.6	341.6	341.8
11.5°	341.3	341.8	341.6	341.9	341.7	341.7	342.0	341.5	340.9	341.1	341.0
12°	340.7	341.2	341.1	341.1	341.2	340.8	341.1	340.5	340.2	340.5	340.5
12.5°	340.0	340.5	340.4	340.4	340.3	340.1	340.5	339.9	339.5	339.7	339.6
13°	339.2	339.9	339.6	339.8	339.7	339.3	339.5	339.3	338.7	338.8	339.0
13.5°	338.4	339.0	338.8	339.0	338.9	338.7	338.8	338.6	337.9	338.2	338.1
14°	337.5	338.3	337.9	338.2	338.1	337.9	337.9	337.8	337.0	337.2	337.4
14.5°	336.9	337.4	337.2	337.3	337.2	337.0	337.1	336.9	336.2	336.5	336.4
15°	336.0	336.7	336.4	336.5	336.4	336.1	336.3	336.1	335.3	335.6	335.7
15.5°	335.2	335.7	335.6	335.5	335.5	335.3	335.5	335.1	334.5	334.7	334.6
16°	334.3	334.9	334.6	334.6	334.7	334.4	334.5	334.2	333.7	333.6	333.8
16.5°	333.4	334.0	333.7	333.7	333.6	333.4	333.6	333.2	332.6	332.9	332.7
17°	332.3	333.1	332.7	332.7	332.8	332.4	332.6	332.2	331.6	331.8	331.8
17.5°	331.4	331.9	331.8	331.7	331.5	331.5	331.7	331.3	330.5	330.8	330.8
18°	330.4	331.0	330.8	330.8	330.9	330.4	330.5	330.3	329.5	329.6	329.9
18.5°	329.5	329.9	329.8	329.7	329.6	329.3	329.6	329.1	328.4	328.6	328.6
19°	328.3	329.0	328.7	328.6	328.4	328.2	328.3	327.9	327.2	327.4	327.6
19.5°	327.2	327.8	327.7	327.4	327.2	327.2	327.2	326.7	326.2	326.3	326.4
20°	326.0	326.8	326.5	326.4	326.2	326.1	326.0	325.6	325.0	325.1	325.4
20.5°	325.0	325.5	325.4	325.1	325.1	325.0	325.0	324.6	323.8	324.0	324.1
21°	323.7	324.4	324.1	324.0	323.9	323.8	323.8	323.2	322.6	322.9	323.1

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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°	320.1	320.5	320.3	320.2	320.2	320.0	320.0	319.4	318.8	319.1	319.2
23°	318.7	319.2	319.1	318.8	318.9	318.7	318.8	318.2	317.5	317.9	318.1
23.5°	317.5	318.0	317.8	317.5	317.7	317.3	317.5	316.9	316.3	316.5	316.4
24°	316.1	316.8	316.5	316.1	316.4	316.0	316.2	315.5	315.0	315.1	315.3
24.5°	314.8	315.4	315.2	314.9	314.8	314.6	314.7	314.2	313.5	313.8	313.9
25°	313.2	314.0	313.8	313.6	313.4	313.2	313.2	312.7	312.1	312.5	312.7
25.5°	312.0	312.4	312.4	312.1	311.9	311.8	311.9	311.3	310.6	311.0	311.1
26°	310.2	311.0	311.0	310.7	310.5	310.3	310.4	309.8	309.2	309.5	309.8
26.5°	308.8	309.5	309.4	309.1	309.2	308.7	308.9	308.4	307.8	308.0	308.2
27°	307.2	308.0	308.1	307.7	307.6	307.3	307.3	306.7	306.3	306.5	306.7
27.5°	305.9	306.4	306.5	306.2	306.1	305.9	305.9	305.4	304.7	305.0	305.0
28°	304.1	304.9	305.0	304.6	304.6	304.3	304.3	303.7	303.1	303.3	303.6
28.5°	302.5	303.2	303.4	303.0	303.1	302.8	302.7	302.3	301.3	301.8	301.8
29°	300.9	301.7	301.8	301.4	301.5	301.0	301.0	300.6	299.9	300.3	300.4
29.5°	299.5	300.0	300.2	299.8	299.9	299.5	299.4	298.9	298.3	298.6	298.7
30°	297.8	298.3	298.4	298.1	298.2	297.7	297.8	297.2	296.7	296.9	297.1
30.5°	296.1	296.6	296.8	296.4	296.5	296.1	296.0	295.5	294.9	295.2	295.3
31°	294.3	294.9	295.0	294.8	294.9	294.4	294.4	293.7	293.2	293.4	293.7
31.5°	292.6	293.1	293.4	293.0	293.0	292.8	292.6	292.0	291.5	291.6	291.9
32°	290.7	291.1	291.4	291.2	291.3	291.0	290.9	290.3	289.8	289.8	290.2
32.5°	289.2	289.5	289.8	289.6	289.5	289.3	289.1	288.7	288.1	288.2	288.4
33°	287.5	287.8	288.0	287.8	287.8	287.5	287.5	286.8	286.3	286.4	286.7
33.5°	285.4	285.9	286.4	286.0	285.9	285.8	285.5	285.0	284.2	284.6	284.8
34°	283.5	284.1	284.5	284.2	284.1	283.9	283.6	283.2	282.6	282.7	283.0
34.5°	281.8	282.3	282.6	282.3	282.1	282.1	281.9	281.3	280.6	280.9	281.2
35°	279.9	280.4	280.6	280.4	280.3	280.2	279.9	279.3	278.9	278.9	279.1
35.5°	278.1	278.5	278.7	278.5	278.5	278.3	277.9	277.4	276.8	277.3	277.3
36°	276.0	276.6	276.8	276.5	276.6	276.3	276.0	275.6	275.0	275.3	275.4
36.5°	274.1	274.5	274.9	274.5	274.7	274.5	274.0	273.6	272.9	273.3	273.2
37°	272.1	272.4	272.7	272.6	272.6	272.4	272.1	271.7	270.9	271.3	271.3
37.5°	270.2	270.4	270.8	270.6	270.6	270.4	270.1	269.5	268.9	269.4	269.1
38°	268.1	268.4	268.7	268.6	268.5	268.2	268.0	267.5	267.0	267.4	267.2
38.5°	266.1	266.5	266.6	266.7	266.5	266.4	265.9	265.4	264.8	265.4	265.1
39°	264.0	264.4	264.5	264.5	264.5	264.3	264.0	263.4	262.8	263.2	262.9
39.5°	261.9	262.4	262.4	262.5	262.5	262.4	261.9	261.5	260.7	261.3	261.0
40°	259.9	260.3	260.4	260.4	260.4	260.3	259.8	259.2	258.7	259.0	258.9
40.5°	257.6	258.1	258.3	258.2	258.2	258.1	257.7	257.1	256.4	256.9	256.6
41°	255.5	256.0	256.2	256.0	256.0	255.9	255.6	254.9	254.4	254.7	254.5
41.5°	253.3	253.7	254.1	253.9	254.0	253.7	253.4	252.7	252.1	252.4	252.2
42°	251.1	251.5	251.7	251.8	251.9	251.5	251.2	250.5	250.0	250.1	250.1
42.5°	248.8	249.4	249.7	249.6	249.6	249.2	249.0	248.3	247.8	248.0	247.9
43°	246.6	247.2	247.3	247.3	247.4	247.0	246.7	246.1	245.6	245.8	245.7
43.5°	244.4	244.9	245.0	245.0	245.1	244.7	244.4	243.9	243.3	243.6	243.3

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	237.5	238.0	238.2	238.3	238.2	237.9	237.5	237.0	236.5	236.7	236.5
45.5°	235.2	235.7	235.9	236.0	235.9	235.6	235.3	234.8	234.2	234.5	234.2
46°	232.8	233.4	233.7	233.8	233.7	233.4	233.1	232.4	231.9	232.1	231.9
46.5°	230.5	230.9	231.3	231.4	231.3	231.2	230.8	230.2	229.5	229.7	229.5
47°	228.0	228.6	228.9	229.0	228.9	228.7	228.4	227.8	227.1	227.4	227.1
47.5°	225.7	226.1	226.4	226.6	226.5	226.3	225.8	225.3	224.6	224.9	224.7
48°	223.1	223.8	224.0	224.1	224.2	223.8	223.4	222.8	222.3	222.4	222.2
48.5°	220.7	221.2	221.6	221.7	221.8	221.5	221.1	220.5	219.9	220.0	219.8
49°	218.1	218.7	219.1	219.2	219.2	219.0	218.8	217.9	217.3	217.5	217.3
49.5°	215.6	216.2	216.6	216.8	216.8	216.5	216.2	215.5	214.8	215.1	214.7
50°	213.2	213.7	214.1	214.3	214.4	213.9	213.7	212.7	212.3	212.5	212.3
50.5°	210.6	211.1	211.5	211.6	211.8	211.4	211.0	210.1	209.7	209.9	209.7
51°	208.2	208.6	209.0	209.1	209.3	208.9	208.5	207.7	207.3	207.4	207.2
51.5°	205.5	206.2	206.5	206.5	206.9	206.5	206.0	205.4	204.8	205.0	204.8
52°	203.0	203.6	204.0	204.1	204.4	203.9	203.6	202.9	202.3	202.4	202.0
52.5°	200.4	201.0	201.3	201.5	201.7	201.4	201.0	200.3	199.8	199.8	199.4
53°	197.8	198.4	198.8	198.9	199.2	198.7	198.5	197.6	197.1	197.2	196.8
53.5°	195.1	195.7	196.1	196.2	196.6	196.2	195.7	195.1	194.5	194.6	194.1
54°	192.6	193.1	193.4	193.6	193.8	193.6	193.2	192.4	191.8	191.8	191.4
54.5°	189.8	190.4	190.8	190.7	191.2	190.9	190.4	189.7	189.2	189.2	188.8
55°	187.2	187.7	188.2	188.2	188.5	188.3	187.9	187.2	186.6	186.5	186.2
55.5°	184.3	185.0	185.5	185.5	185.9	185.6	185.2	184.4	183.8	183.8	183.4
56°	181.7	182.3	182.6	182.9	183.2	182.9	182.4	181.7	181.1	181.2	180.8
56.5°	179.1	179.7	180.0	180.2	180.5	180.3	179.8	179.1	178.5	178.4	178.1
57°	176.4	177.0	177.3	177.5	177.8	177.5	177.1	176.3	175.8	175.6	175.4
57.5°	173.3	174.2	174.5	174.6	175.0	174.8	174.4	173.5	173.0	172.8	172.6
58°	170.8	171.3	171.8	171.8	172.3	171.9	171.6	170.8	170.3	170.1	169.8
58.5°	168.0	168.5	168.9	169.0	169.6	169.3	168.7	168.0	167.4	167.3	167.0
59°	165.0	165.7	166.1	166.3	166.7	166.3	166.0	165.3	164.6	164.4	164.1
59.5°	162.0	162.9	163.2	163.2	163.9	163.6	163.2	162.5	161.8	161.7	161.2
60°	159.4	160.0	160.4	160.4	161.1	160.7	160.4	159.7	159.1	158.8	158.4
60.5°	156.4	157.1	157.5	157.5	158.3	158.0	157.5	156.8	156.3	156.0	155.5
61°	153.6	154.3	154.5	154.8	155.4	155.0	154.7	154.1	153.3	153.1	152.7
61.5°	150.7	151.5	151.8	151.8	152.6	152.1	151.7	151.2	150.4	150.2	149.8
62°	147.8	148.6	148.8	149.0	149.7	149.3	149.0	148.2	147.6	147.3	146.9
62.5°	144.9	145.6	146.0	145.9	146.9	146.4	146.0	145.4	144.7	144.4	143.9
63°	141.9	142.7	142.9	143.0	143.8	143.5	143.2	142.5	141.8	141.5	141.0
63.5°	139.0	139.7	140.0	140.0	140.9	140.5	140.1	139.6	138.9	138.6	138.1
64°	135.8	136.7	137.0	137.1	137.9	137.6	137.2	136.7	135.9	135.6	135.1
64.5°	132.9	133.8	134.0	134.0	135.0	134.6	134.2	133.8	132.8	132.5	132.1
65°	130.0	130.7	130.9	131.1	132.0	131.8	131.4	130.8	129.9	129.6	129.2
65.5°	127.1	127.7	128.0	128.0	129.0	128.8	128.4	127.8	127.0	126.7	126.3
66°	124.0	124.8	125.1	125.2	126.0	125.7	125.5	124.8	124.2	123.7	123.3

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



TEST NUMBER: P997253

CATALOG NUMBER: SMX8SLSFS010-900LM-3500K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	114.8	115.7	116.1	116.1	117.2	116.8	116.5	115.9	115.0	114.6	114.2
68°	111.7	112.6	112.9	113.1	114.1	113.6	113.5	112.7	112.0	111.5	111.1
68.5°	108.9	109.6	109.8	110.0	110.9	110.6	110.4	109.6	108.9	108.5	108.1
69°	105.7	106.5	106.7	107.0	107.9	107.7	107.4	106.5	105.8	105.4	105.1
69.5°	102.5	103.4	103.8	103.9	104.9	104.6	104.3	103.5	102.8	102.3	101.9
70°	99.6	100.3	100.6	101.0	101.8	101.4	101.2	100.3	99.8	99.2	98.8
70.5°	96.5	97.4	97.7	97.9	98.8	98.4	98.2	97.3	96.6	96.2	95.8
71°	93.4	94.3	94.6	95.0	95.6	95.4	95.2	94.3	93.6	93.1	92.6
71.5°	90.3	91.2	91.5	91.8	92.6	92.3	92.0	91.1	90.5	90.1	89.5
72°	87.3	88.0	88.4	88.8	89.5	89.2	88.9	88.1	87.4	86.9	86.5
72.5°	84.1	85.0	85.3	85.7	86.4	86.0	85.7	85.0	84.3	83.8	83.3
73°	81.0	81.9	82.2	82.5	83.3	83.0	82.7	81.8	81.2	80.7	80.2
73.5°	77.8	78.8	79.1	79.4	80.1	79.9	79.5	78.8	78.0	77.5	77.1
74°	74.8	75.7	76.0	76.3	76.9	76.9	76.6	75.7	75.1	74.4	74.0
74.5°	71.8	72.7	73.0	73.2	73.9	73.8	73.5	72.5	72.0	71.4	71.2
75°	68.8	69.7	70.0	70.1	71.0	70.7	70.5	69.7	69.0	68.4	68.1
75.5°	65.8	66.6	66.9	67.0	68.0	67.7	67.5	66.6	65.9	65.4	65.1
76°	62.6	63.5	63.8	63.9	64.8	64.7	64.4	63.6	63.0	62.4	62.1
76.5°	59.6	60.5	60.8	60.8	61.9	61.6	61.4	60.6	59.8	59.2	59.0
77°	56.6	57.5	57.8	57.8	58.8	58.6	58.5	57.6	56.8	56.3	56.0
77.5°	53.6	54.5	54.8	54.8	55.9	55.6	55.5	54.6	53.8	53.3	53.1
78°	50.6	51.5	51.7	51.8	52.9	52.6	52.5	51.5	50.8	50.3	50.1
78.5°	47.7	48.6	48.9	49.0	49.9	49.6	49.4	48.6	47.9	47.5	47.2
79°	44.9	45.7	46.0	46.0	46.9	46.8	46.7	45.7	45.1	44.6	44.5
79.5°	42.1	42.9	43.2	43.3	44.0	44.0	43.8	42.9	42.3	41.7	41.6
80°	39.2	40.0	40.3	40.4	41.3	41.2	40.9	40.1	39.5	39.0	38.7
80.5°	36.4	37.2	37.5	37.6	38.6	38.4	38.2	37.3	36.9	36.4	36.1
81°	33.9	34.5	34.8	34.9	35.9	35.8	35.6	34.8	34.2	33.8	33.5
81.5°	31.2	31.8	32.2	32.2	33.3	33.1	32.9	32.1	31.6	31.1	30.8
82°	28.4	29.1	29.4	29.6	30.6	30.5	30.2	29.5	29.0	28.5	28.2
82.5°	25.8	26.5	26.8	26.9	28.0	27.9	27.7	27.0	26.5	26.1	25.8
83°	23.3	23.8	24.1	24.3	25.5	25.4	25.1	24.5	24.0	23.5	23.4
83.5°	20.8	21.4	21.6	21.7	23.0	22.9	22.7	22.0	21.6	21.2	21.0
84°	18.6	19.1	19.3	19.3	20.5	20.5	20.3	19.7	19.2	18.8	18.7
84.5°	16.5	17.0	17.2	17.2	18.3	18.3	18.1	17.5	17.1	16.8	16.7
85°	14.5	15.0	15.1	15.2	16.3	16.2	16.0	15.5	15.0	14.7	14.6
85.5°	12.5	13.0	13.1	13.2	14.1	14.2	14.0	13.5	13.0	12.8	12.7
86°	10.7	11.2	11.3	11.3	12.2	12.2	12.0	11.5	11.1	10.8	10.8
86.5°	9.1	9.6	9.6	9.5	10.3	10.4	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	7.1	6.6	6.3	6.2	6.2
88°	5.2	5.5	5.5	5.4	5.7	5.7	5.6	5.3	5.0	5.0	5.0
88.5°	4.4	4.5	4.5	4.4	4.5	4.6	4.5	4.1	3.9	3.9	4.0

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

Scaled Data Report



TEST NUMBER: P997253
CATALOG NUMBER: SMX8SLSFS010-900LM-3500K

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: P997253

CATALOG NUMBER: SMX8SLSFS010-900LM-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	349.2	349.2	349.2	349.2	349.2	349.2
0.5°	349.3	349.2	349.0	349.4	349.2	348.7
1°	349.3	349.2	348.8	349.1	349.3	348.7
1.5°	349.0	349.1	348.8	349.2	349.1	348.6
2°	349.0	349.0	348.7	349.0	349.0	348.5
2.5°	348.7	348.8	348.8	348.9	348.7	348.3
3°	348.7	348.6	348.5	348.6	348.8	348.3
3.5°	348.3	348.3	348.4	348.5	348.5	348.1
4°	348.2	348.1	347.9	348.1	348.4	348.1
4.5°	347.8	347.8	347.7	347.9	347.9	347.9
5°	347.6	347.6	347.4	347.5	347.7	347.4
5.5°	347.2	347.1	347.1	347.3	347.3	347.1
6°	346.9	346.9	346.6	346.7	347.0	346.7
6.5°	346.4	346.5	346.3	346.5	346.6	346.4
7°	346.1	346.0	345.8	346.1	346.3	346.1
7.5°	345.6	345.5	345.4	345.6	345.8	345.8
8°	345.3	345.0	344.9	345.0	345.4	345.1
8.5°	344.8	344.6	344.5	344.8	344.8	344.7
9°	344.3	344.2	343.9	344.2	344.5	344.1
9.5°	343.7	343.6	343.5	343.8	343.9	343.7
10°	343.2	343.0	342.8	343.2	343.4	343.2
10.5°	342.5	342.5	342.2	342.6	342.8	342.6
11°	342.0	341.8	341.7	342.0	342.2	341.8
11.5°	341.1	341.2	341.1	341.4	341.5	341.3
12°	340.5	340.3	340.2	340.7	340.8	340.7
12.5°	339.6	339.7	339.7	340.0	340.1	340.0
13°	339.0	339.1	338.7	339.2	339.4	339.2
13.5°	338.1	338.3	338.0	338.4	338.5	338.4
14°	337.4	337.4	337.0	337.5	337.8	337.5
14.5°	336.6	336.6	336.3	336.8	336.9	336.9
15°	335.7	335.7	335.3	336.1	336.2	336.0
15.5°	334.7	334.9	334.6	335.2	335.3	335.2
16°	333.8	333.9	333.8	334.2	334.5	334.3
16.5°	332.8	333.2	332.9	333.3	333.4	333.4
17°	331.8	332.2	331.7	332.3	332.5	332.3
17.5°	330.8	331.1	330.7	331.2	331.4	331.4
18°	329.8	330.1	329.6	330.4	330.6	330.4
18.5°	328.8	328.9	328.7	329.2	329.4	329.5
19°	327.8	327.8	327.5	328.2	328.4	328.3
19.5°	326.7	326.6	326.5	327.1	327.2	327.2
20°	325.6	325.7	325.3	326.1	326.3	326.0
20.5°	324.4	324.5	324.3	324.6	324.9	325.0
21°	323.1	323.2	322.8	323.5	323.8	323.7

Cooper Lighting Solutions Photometric Lab
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 Peachtree City, GA 30269



TEST NUMBER: P997253

CATALOG NUMBER: SMX8SLSFS010-900LM-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	319.2	319.5	319.2	320.0	319.8	320.1
23°	318.0	318.1	317.9	318.7	318.7	318.7
23.5°	316.6	316.7	316.8	317.4	317.2	317.5
24°	315.3	315.2	315.3	316.2	316.0	316.1
24.5°	313.9	313.9	313.9	314.9	314.5	314.8
25°	312.4	312.3	312.5	313.6	313.5	313.2
25.5°	311.0	311.0	311.1	312.2	311.8	312.0
26°	309.5	309.7	309.6	310.6	310.4	310.2
26.5°	308.0	308.1	308.0	309.0	308.7	308.8
27°	306.6	306.4	306.4	307.5	307.3	307.2
27.5°	304.9	304.9	304.8	305.9	305.6	305.9
28°	303.4	303.4	303.3	304.4	304.2	304.1
28.5°	301.6	301.7	301.7	302.6	302.4	302.5
29°	300.1	299.9	300.1	301.2	300.9	300.9
29.5°	298.4	298.3	298.6	299.5	299.2	299.5
30°	296.8	296.8	297.0	297.9	297.5	297.8
30.5°	295.1	295.0	295.2	296.1	295.8	296.1
31°	293.5	293.2	293.5	294.4	294.3	294.3
31.5°	291.6	291.4	291.7	292.6	292.4	292.6
32°	289.9	289.9	289.9	290.8	290.7	290.7
32.5°	288.1	288.2	288.5	289.1	288.9	289.2
33°	286.4	286.4	286.6	287.2	287.1	287.5
33.5°	284.6	284.5	284.7	285.5	285.4	285.4
34°	282.8	282.7	283.0	283.6	283.6	283.5
34.5°	280.8	280.8	281.0	281.6	281.7	281.8
35°	278.9	278.9	279.2	279.7	279.8	279.9
35.5°	277.0	276.8	277.2	277.8	277.9	278.1
36°	275.1	274.8	275.3	275.9	276.1	276.0
36.5°	273.0	273.0	273.2	273.9	274.0	274.1
37°	271.0	271.0	271.2	271.9	272.0	272.1
37.5°	268.8	269.0	269.3	269.7	270.0	270.2
38°	266.8	267.0	267.2	267.6	268.0	268.1
38.5°	264.7	264.8	265.1	265.5	265.9	266.1
39°	262.6	262.8	263.0	263.5	263.9	264.0
39.5°	260.7	260.7	261.0	261.5	261.9	261.9
40°	258.6	258.6	258.9	259.4	259.7	259.9
40.5°	256.3	256.4	256.7	257.3	257.6	257.6
41°	254.2	254.2	254.5	255.0	255.4	255.5
41.5°	251.9	252.0	252.2	252.8	253.1	253.3
42°	249.7	249.8	250.0	250.6	250.9	251.1
42.5°	247.5	247.6	247.9	248.3	248.8	248.8
43°	245.2	245.4	245.7	246.1	246.6	246.6
43.5°	242.9	242.9	243.5	243.8	244.3	244.4



TEST NUMBER: P997253

CATALOG NUMBER: SMX8SLSFS010-900LM-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	236.1	236.0	236.4	237.0	237.5	237.5
45.5°	233.9	233.8	234.1	234.6	235.3	235.2
46°	231.5	231.5	231.7	232.4	232.9	232.8
46.5°	229.1	229.2	229.4	230.0	230.4	230.5
47°	226.7	226.6	226.9	227.6	228.0	228.0
47.5°	224.3	224.2	224.5	225.1	225.7	225.7
48°	221.9	221.8	222.1	222.7	223.2	223.1
48.5°	219.5	219.4	219.6	220.2	220.7	220.7
49°	217.0	216.8	216.9	217.8	218.2	218.1
49.5°	214.5	214.3	214.7	215.1	215.7	215.6
50°	211.9	211.7	212.0	212.7	213.1	213.2
50.5°	209.4	209.2	209.5	210.1	210.7	210.6
51°	207.0	206.7	207.0	207.5	208.2	208.2
51.5°	204.5	204.2	204.5	205.1	205.7	205.5
52°	201.9	201.6	201.8	202.4	203.0	203.0
52.5°	199.3	198.9	199.2	199.8	200.5	200.4
53°	196.7	196.3	196.6	197.1	197.8	197.8
53.5°	194.1	193.7	194.0	194.5	195.1	195.1
54°	191.3	190.9	191.1	191.8	192.4	192.6
54.5°	188.6	188.2	188.5	189.1	189.8	189.8
55°	185.9	185.5	185.8	186.4	187.0	187.2
55.5°	183.3	182.8	183.1	183.6	184.3	184.3
56°	180.5	180.1	180.4	181.0	181.5	181.7
56.5°	177.9	177.5	177.8	178.3	178.8	179.1
57°	175.1	174.6	175.0	175.6	176.0	176.4
57.5°	172.3	171.9	172.2	172.5	173.3	173.3
58°	169.6	169.0	169.2	169.8	170.3	170.8
58.5°	166.8	166.3	166.6	167.0	167.7	168.0
59°	164.0	163.5	163.6	164.2	164.7	165.0
59.5°	161.1	160.6	160.7	161.2	161.9	162.0
60°	158.2	157.7	157.9	158.5	158.9	159.4
60.5°	155.4	154.7	155.0	155.5	156.1	156.4
61°	152.5	151.8	152.2	152.7	153.3	153.6
61.5°	149.6	148.9	149.4	149.7	150.5	150.7
62°	146.7	146.1	146.3	146.8	147.5	147.8
62.5°	143.7	143.1	143.3	143.8	144.5	144.9
63°	140.7	140.1	140.4	140.8	141.5	141.9
63.5°	137.8	137.2	137.5	137.9	138.6	139.0
64°	134.8	134.2	134.5	134.9	135.6	135.8
64.5°	131.8	131.2	131.4	131.8	132.7	132.9
65°	128.9	128.1	128.4	128.9	129.6	130.0
65.5°	126.0	125.1	125.6	125.9	126.7	127.1
66°	123.0	122.2	122.5	122.9	123.6	124.0



TEST NUMBER: P997253

CATALOG NUMBER: SMX8SLSFS010-900LM-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	113.9	113.1	113.3	113.8	114.6	114.8
68°	110.9	110.0	110.3	110.7	111.6	111.7
68.5°	107.8	107.0	107.2	107.5	108.5	108.9
69°	104.8	103.8	104.0	104.5	105.4	105.7
69.5°	101.6	100.8	101.0	101.4	102.3	102.5
70°	98.6	97.7	98.0	98.4	99.3	99.6
70.5°	95.5	94.6	94.9	95.4	96.1	96.5
71°	92.3	91.5	91.8	92.3	93.0	93.4
71.5°	89.2	88.4	88.7	89.2	90.0	90.3
72°	86.1	85.3	85.5	86.0	86.9	87.3
72.5°	83.0	82.1	82.5	83.0	83.8	84.1
73°	79.9	79.0	79.4	79.8	80.6	81.0
73.5°	76.9	76.0	76.1	76.7	77.6	77.8
74°	73.8	72.9	73.3	73.6	74.5	74.8
74.5°	70.8	69.9	70.3	70.7	71.5	71.8
75°	67.8	66.8	67.1	67.7	68.4	68.8
75.5°	64.7	63.9	64.1	64.5	65.3	65.8
76°	61.7	60.8	61.1	61.6	62.2	62.6
76.5°	58.6	57.7	58.0	58.5	59.2	59.6
77°	55.6	54.8	55.0	55.5	56.2	56.6
77.5°	52.7	51.7	52.0	52.5	53.2	53.6
78°	49.7	48.8	49.1	49.7	50.2	50.6
78.5°	46.9	46.0	46.2	46.7	47.3	47.7
79°	44.1	43.2	43.4	43.9	44.5	44.9
79.5°	41.2	40.2	40.5	41.1	41.7	42.1
80°	38.5	37.5	37.7	38.2	38.9	39.2
80.5°	36.0	34.8	34.9	35.5	36.1	36.4
81°	33.2	32.1	32.4	32.9	33.4	33.9
81.5°	30.5	29.5	29.7	30.2	30.7	31.2
82°	28.0	26.8	27.2	27.6	28.1	28.4
82.5°	25.5	24.2	24.5	25.0	25.4	25.8
83°	23.1	21.6	21.9	22.3	22.9	23.3
83.5°	20.8	19.3	19.7	20.0	20.4	20.8
84°	18.4	17.3	17.6	17.9	18.3	18.6
84.5°	16.5	15.2	15.4	15.8	16.3	16.5
85°	14.3	13.2	13.5	13.9	14.2	14.5
85.5°	12.5	11.4	11.7	12.0	12.3	12.5
86°	10.7	9.7	10.0	10.3	10.6	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°	6.3	5.7	6.0	6.3	6.3	6.3
88°	5.0	4.6	5.0	5.2	5.2	5.2
88.5°	4.0	3.8	4.2	4.4	4.3	4.4

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TEST NUMBER: P997253
CATALOG NUMBER: SMX8SLSFS010-900LM-3500K

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°	322.6	323.1	322.8	322.8	322.7	322.6	322.6	322.0	321.3	321.7	321.8
22°	321.2	321.8	321.7	321.5	321.6	321.2	321.3	320.7	320.0	320.4	320.6

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44°	242.0	242.6	242.7	242.8	242.9	242.4	242.2	241.5	241.1	241.4	241.1
44.5°	239.8	240.3	240.5	240.5	240.5	240.2	239.8	239.4	238.7	239.2	238.8

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66.5°	121.0	121.7	122.2	122.2	123.1	122.8	122.5	121.9	121.1	120.7	120.3
67°	117.9	118.7	119.1	119.2	120.1	119.8	119.6	118.8	118.1	117.7	117.3

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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	2.3	2.4

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21.5°	321.8	321.9	321.7	322.4	322.5	322.6
22°	320.7	320.9	320.4	321.2	321.4	321.2

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44°	240.7	240.6	241.1	241.6	242.1	242.0
44.5°	238.3	238.4	238.7	239.2	239.8	239.8

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66.5°	120.0	119.2	119.6	119.9	120.7	121.0
67°	117.1	116.2	116.4	116.8	117.5	117.9

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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

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(END OF REPORT)