

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: P997255

Luminaire Tested: **SMX8SLSFS010-900LM-5000K**

Issue Date: 3/11/2025



Test Information

Test Method: LM-41-14
Report Number: P997255
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-5000K
Description: 8IN SQAURE, 90CRI, 0-10V DIMMING, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 5000K CCT
Ballast/Driver: -

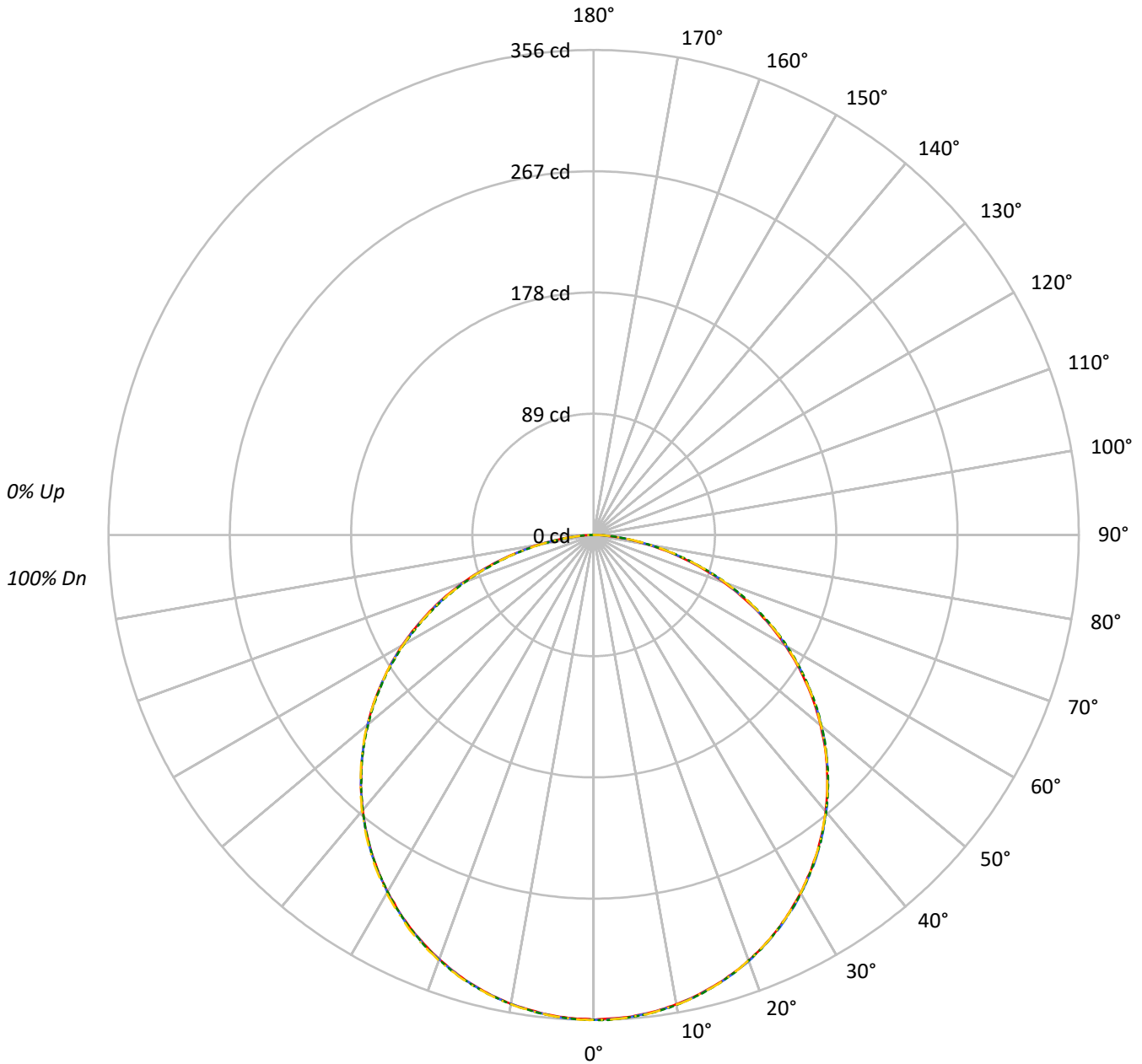
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1036.6 lumens
Efficiency: N/A
Efficacy: 104.7 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-5000K

Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	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°	8536	8536	8536	8536
5°	8526	8538	8518	8530
10°	8519	8532	8510	8515
15°	8502	8515	8487	8497
20°	8482	8485	8454	8472
25°	8448	8453	8419	8424
30°	8406	8420	8376	8378
35°	8351	8363	8322	8325
40°	8292	8307	8254	8251
45°	8210	8237	8176	8159
50°	8106	8151	8073	8050
55°	7976	8035	7951	7905
60°	7793	7875	7779	7707
65°	7518	7637	7518	7410
70°	7123	7277	7130	6983
75°	6504	6708	6522	6309
80°	5523	5813	5565	5275
85°	4072	4567	4209	3687



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.7	3.2
10°-20°	96.7	9.3
20°-30°	147.1	14.2
30°-40°	178.3	17.2
40°-50°	186.5	18.0
50°-60°	170.3	16.4
60°-70°	131.1	12.6
70°-80°	74.3	7.2
80°-90°	18.6	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°	277.4	26.8
0°-40°	455.8	44.0
0°-60°	812.7	78.4
0°-90°	1036.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1036.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	356	356	356	356	356	
5°	354	355	354	354	354	34
15°	342	343	342	342	342	97
25°	319	320	318	318	319	147
35°	285	286	284	284	285	179
45°	242	243	241	241	242	187
55°	191	192	190	189	191	170
65°	132	135	132	131	132	131
75°	70	72	70	68	70	74
85°	15	17	15	13	15	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°	356.0	356.0	356.0	356.0	356.0	356.0	356.0	356.0	356.0	356.0	356.0
0.5°	355.5	356.0	356.0	356.0	356.2	355.7	356.0	355.9	355.4	355.9	355.9
1°	355.5	356.1	356.0	356.1	356.2	355.7	356.1	356.0	355.3	356.0	355.8
1.5°	355.3	355.9	355.9	356.1	356.3	355.7	356.1	355.8	355.3	356.0	355.7
2°	355.2	355.8	355.7	356.1	356.2	355.6	356.0	355.8	355.3	355.8	355.6
2.5°	355.1	355.6	355.6	355.7	355.9	355.6	355.8	355.6	355.1	355.6	355.6
3°	355.1	355.5	355.4	355.6	355.7	355.3	355.7	355.5	355.0	355.4	355.4
3.5°	354.9	355.3	355.3	355.4	355.4	355.2	355.5	355.1	354.7	355.2	355.2
4°	354.9	355.1	355.1	355.2	355.2	355.0	355.2	355.0	354.6	355.0	355.0
4.5°	354.6	354.7	354.8	355.1	354.9	354.8	355.0	354.6	354.2	354.8	354.6
5°	354.2	354.5	354.5	354.9	354.7	354.4	354.6	354.5	353.9	354.3	354.3
5.5°	353.9	354.2	354.1	354.4	354.4	354.1	354.6	354.0	353.6	353.9	353.8
6°	353.5	353.9	353.8	354.2	354.1	353.8	354.1	353.8	353.3	353.6	353.5
6.5°	353.2	353.5	353.4	353.8	353.8	353.5	353.8	353.4	352.9	353.1	353.1
7°	352.8	353.2	353.1	353.6	353.5	353.1	353.2	353.1	352.3	352.8	352.8
7.5°	352.5	352.6	352.7	353.1	353.0	352.7	352.9	352.5	351.9	352.3	352.3
8°	351.8	352.3	352.3	352.6	352.5	352.2	352.2	352.0	351.5	351.8	351.9
8.5°	351.5	351.8	351.8	351.9	351.9	351.8	351.9	351.5	351.0	351.2	351.2
9°	350.8	351.3	351.3	351.5	351.6	351.2	351.2	351.2	350.5	350.6	350.7
9.5°	350.4	350.8	350.8	350.9	350.9	350.6	350.8	350.5	350.0	350.0	350.1
10°	349.9	350.3	350.3	350.5	350.4	350.0	350.0	350.0	349.5	349.7	349.5
10.5°	349.2	349.6	349.7	349.8	349.8	349.5	349.7	349.3	348.9	348.9	349.0
11°	348.5	349.1	349.0	349.3	349.1	348.8	349.2	348.8	348.2	348.2	348.4
11.5°	348.0	348.5	348.2	348.5	348.4	348.4	348.6	348.1	347.5	347.7	347.7
12°	347.3	347.9	347.7	347.7	347.9	347.4	347.8	347.2	346.8	347.1	347.1
12.5°	346.6	347.1	347.0	347.0	346.9	346.8	347.1	346.6	346.1	346.4	346.2
13°	345.8	346.5	346.2	346.4	346.4	345.9	346.1	345.9	345.3	345.4	345.6
13.5°	345.0	345.6	345.4	345.6	345.5	345.3	345.4	345.2	344.5	344.7	344.7
14°	344.1	344.9	344.4	344.8	344.7	344.5	344.5	344.3	343.5	343.8	344.0
14.5°	343.4	344.0	343.8	343.9	343.7	343.6	343.7	343.5	342.7	343.0	342.9
15°	342.5	343.3	342.9	343.1	343.0	342.7	342.8	342.7	341.9	342.1	342.2
15.5°	341.7	342.3	342.1	342.0	342.0	341.8	342.0	341.6	341.0	341.2	341.1
16°	340.9	341.4	341.1	341.1	341.2	340.9	341.0	340.7	340.2	340.1	340.3
16.5°	339.9	340.6	340.2	340.2	340.1	339.8	340.1	339.7	339.1	339.4	339.2
17°	338.7	339.6	339.2	339.2	339.2	338.9	339.1	338.7	338.1	338.2	338.2
17.5°	337.9	338.4	338.3	338.2	338.0	337.9	338.2	337.8	336.9	337.3	337.2
18°	336.8	337.4	337.2	337.2	337.3	336.8	337.0	336.7	335.9	336.1	336.3
18.5°	335.9	336.3	336.2	336.1	336.0	335.7	336.0	335.6	334.8	335.0	335.0
19°	334.7	335.4	335.1	335.0	334.8	334.6	334.7	334.3	333.6	333.7	334.0
19.5°	333.6	334.2	334.1	333.8	333.6	333.5	333.6	333.1	332.5	332.7	332.8
20°	332.4	333.2	332.8	332.7	332.5	332.4	332.4	332.0	331.3	331.4	331.7
20.5°	331.3	331.8	331.8	331.4	331.4	331.4	331.3	330.9	330.1	330.3	330.4
21°	330.0	330.8	330.4	330.3	330.2	330.1	330.1	329.5	328.9	329.2	329.4

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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°	326.3	326.7	326.6	326.5	326.4	326.3	326.3	325.6	325.0	325.4	325.5
23°	324.9	325.4	325.3	325.0	325.2	324.9	325.0	324.4	323.7	324.1	324.3
23.5°	323.7	324.2	324.0	323.7	323.9	323.5	323.7	323.1	322.4	322.6	322.6
24°	322.3	322.9	322.6	322.3	322.5	322.2	322.3	321.6	321.2	321.2	321.4
24.5°	320.9	321.6	321.3	321.1	321.0	320.8	320.8	320.3	319.6	319.9	320.0
25°	319.3	320.1	319.9	319.7	319.5	319.3	319.3	318.8	318.2	318.5	318.7
25.5°	318.1	318.5	318.5	318.1	318.0	317.8	318.0	317.3	316.6	317.1	317.2
26°	316.3	317.1	317.0	316.8	316.6	316.4	316.4	315.8	315.2	315.5	315.8
26.5°	314.9	315.5	315.5	315.1	315.2	314.7	314.9	314.4	313.8	314.0	314.2
27°	313.2	314.0	314.1	313.7	313.6	313.3	313.3	312.7	312.3	312.5	312.7
27.5°	311.8	312.4	312.5	312.1	312.1	311.8	311.8	311.4	310.7	310.9	310.9
28°	310.0	310.8	310.9	310.6	310.6	310.2	310.2	309.6	309.0	309.2	309.5
28.5°	308.4	309.1	309.3	308.9	309.0	308.7	308.6	308.2	307.1	307.7	307.7
29°	306.8	307.5	307.6	307.3	307.4	306.9	306.9	306.4	305.7	306.1	306.2
29.5°	305.3	305.9	306.0	305.7	305.7	305.3	305.3	304.8	304.1	304.4	304.5
30°	303.6	304.1	304.2	303.9	304.1	303.5	303.6	303.0	302.5	302.7	302.9
30.5°	301.8	302.4	302.6	302.2	302.3	301.9	301.8	301.2	300.7	300.9	301.0
31°	300.0	300.6	300.7	300.5	300.7	300.1	300.1	299.4	299.0	299.1	299.4
31.5°	298.3	298.8	299.1	298.7	298.7	298.5	298.3	297.7	297.2	297.3	297.5
32°	296.3	296.8	297.1	296.8	296.9	296.7	296.6	295.9	295.5	295.4	295.8
32.5°	294.8	295.1	295.5	295.3	295.1	294.9	294.7	294.3	293.7	293.8	294.1
33°	293.1	293.4	293.6	293.5	293.4	293.1	293.1	292.4	291.8	292.0	292.3
33.5°	291.0	291.5	291.9	291.6	291.4	291.4	291.0	290.6	289.8	290.1	290.3
34°	289.0	289.6	290.0	289.7	289.6	289.4	289.1	288.8	288.1	288.2	288.5
34.5°	287.3	287.8	288.1	287.8	287.6	287.6	287.3	286.8	286.1	286.4	286.6
35°	285.3	285.9	286.0	285.8	285.7	285.6	285.3	284.7	284.3	284.4	284.6
35.5°	283.5	284.0	284.2	283.9	283.9	283.7	283.3	282.8	282.1	282.7	282.7
36°	281.4	282.0	282.2	281.9	282.0	281.7	281.4	280.9	280.4	280.6	280.7
36.5°	279.4	279.8	280.3	279.9	280.1	279.8	279.3	279.0	278.2	278.6	278.5
37°	277.4	277.7	278.0	277.9	277.9	277.7	277.5	277.0	276.2	276.5	276.6
37.5°	275.4	275.7	276.1	275.9	275.8	275.6	275.4	274.8	274.2	274.6	274.3
38°	273.3	273.7	274.0	273.8	273.8	273.5	273.2	272.7	272.2	272.6	272.4
38.5°	271.3	271.6	271.8	271.8	271.7	271.6	271.1	270.6	270.0	270.6	270.3
39°	269.1	269.5	269.6	269.7	269.6	269.4	269.1	268.5	268.0	268.4	268.1
39.5°	267.0	267.5	267.5	267.6	267.6	267.5	267.0	266.6	265.8	266.3	266.1
40°	264.9	265.3	265.4	265.4	265.4	265.3	264.9	264.3	263.7	264.1	263.9
40.5°	262.6	263.1	263.3	263.3	263.2	263.2	262.7	262.1	261.4	261.9	261.6
41°	260.4	261.0	261.2	261.0	261.0	260.9	260.6	259.9	259.3	259.7	259.5
41.5°	258.2	258.6	259.0	258.8	259.0	258.7	258.3	257.6	257.1	257.3	257.1
42°	256.0	256.4	256.6	256.7	256.8	256.4	256.1	255.4	254.9	254.9	255.0
42.5°	253.7	254.2	254.5	254.5	254.5	254.1	253.8	253.1	252.7	252.8	252.8
43°	251.4	252.1	252.2	252.2	252.2	251.8	251.5	250.9	250.4	250.6	250.5
43.5°	249.1	249.6	249.8	249.8	249.9	249.5	249.2	248.6	248.0	248.4	248.1

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	242.1	242.7	242.9	243.0	242.9	242.6	242.1	241.6	241.1	241.3	241.1
45.5°	239.8	240.3	240.5	240.6	240.5	240.2	239.8	239.3	238.8	239.1	238.7
46°	237.3	237.9	238.2	238.3	238.2	238.0	237.7	237.0	236.4	236.6	236.4
46.5°	235.0	235.4	235.8	235.9	235.9	235.7	235.3	234.7	233.9	234.2	234.0
47°	232.5	233.0	233.4	233.4	233.4	233.1	232.8	232.3	231.5	231.8	231.5
47.5°	230.1	230.5	230.8	231.0	230.9	230.7	230.2	229.7	229.0	229.3	229.1
48°	227.5	228.1	228.4	228.5	228.6	228.1	227.8	227.2	226.6	226.7	226.6
48.5°	225.0	225.5	225.9	226.0	226.2	225.8	225.4	224.8	224.1	224.3	224.0
49°	222.3	223.0	223.3	223.5	223.5	223.2	223.0	222.2	221.5	221.8	221.5
49.5°	219.8	220.4	220.8	221.0	221.0	220.7	220.4	219.7	218.9	219.3	218.9
50°	217.3	217.9	218.3	218.5	218.5	218.1	217.8	216.9	216.4	216.6	216.4
50.5°	214.7	215.2	215.7	215.7	215.9	215.6	215.1	214.2	213.8	214.0	213.8
51°	212.2	212.7	213.1	213.2	213.4	213.0	212.6	211.8	211.3	211.5	211.2
51.5°	209.5	210.2	210.5	210.6	210.9	210.5	210.1	209.4	208.8	209.0	208.8
52°	207.0	207.6	208.0	208.1	208.4	207.9	207.6	206.9	206.2	206.3	206.0
52.5°	204.3	204.9	205.2	205.4	205.6	205.4	204.9	204.2	203.7	203.7	203.3
53°	201.7	202.2	202.7	202.8	203.1	202.6	202.4	201.5	201.0	201.0	200.6
53.5°	198.9	199.5	199.9	200.1	200.5	200.0	199.5	198.9	198.2	198.4	197.9
54°	196.3	196.9	197.2	197.4	197.5	197.3	196.9	196.1	195.5	195.5	195.2
54.5°	193.5	194.1	194.5	194.5	194.9	194.6	194.2	193.4	192.9	192.9	192.4
55°	190.8	191.3	191.8	191.9	192.2	192.0	191.5	190.9	190.2	190.1	189.8
55.5°	187.9	188.6	189.1	189.1	189.5	189.2	188.8	188.0	187.4	187.4	187.0
56°	185.3	185.8	186.2	186.4	186.8	186.5	186.0	185.3	184.6	184.7	184.3
56.5°	182.6	183.2	183.5	183.7	184.0	183.8	183.3	182.6	182.0	181.9	181.6
57°	179.8	180.4	180.7	180.9	181.3	181.0	180.6	179.7	179.2	179.0	178.8
57.5°	176.7	177.6	177.9	178.0	178.4	178.2	177.8	176.9	176.4	176.2	175.9
58°	174.1	174.7	175.1	175.2	175.6	175.3	174.9	174.1	173.6	173.4	173.1
58.5°	171.2	171.8	172.2	172.2	172.9	172.6	172.0	171.3	170.7	170.6	170.3
59°	168.2	168.9	169.3	169.5	169.9	169.6	169.2	168.5	167.8	167.6	167.3
59.5°	165.2	166.1	166.4	166.4	167.1	166.8	166.4	165.7	164.9	164.9	164.3
60°	162.5	163.1	163.5	163.6	164.2	163.8	163.5	162.8	162.2	161.9	161.5
60.5°	159.5	160.2	160.6	160.5	161.4	161.0	160.5	159.9	159.3	159.0	158.6
61°	156.6	157.3	157.5	157.8	158.4	158.1	157.7	157.1	156.3	156.1	155.6
61.5°	153.7	154.4	154.8	154.8	155.6	155.1	154.7	154.1	153.4	153.1	152.7
62°	150.7	151.5	151.7	151.9	152.6	152.2	151.9	151.1	150.5	150.1	149.8
62.5°	147.7	148.5	148.8	148.7	149.7	149.3	148.8	148.2	147.5	147.3	146.7
63°	144.6	145.5	145.7	145.8	146.6	146.3	145.9	145.3	144.6	144.3	143.8
63.5°	141.7	142.4	142.7	142.8	143.6	143.2	142.8	142.3	141.6	141.3	140.8
64°	138.4	139.4	139.7	139.7	140.6	140.3	139.9	139.3	138.5	138.2	137.7
64.5°	135.5	136.4	136.6	136.6	137.6	137.2	136.8	136.4	135.4	135.1	134.7
65°	132.5	133.2	133.5	133.7	134.6	134.3	134.0	133.3	132.5	132.1	131.8
65.5°	129.6	130.2	130.4	130.5	131.6	131.3	130.9	130.3	129.4	129.1	128.7
66°	126.4	127.2	127.5	127.6	128.5	128.2	127.9	127.2	126.6	126.1	125.7

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



TEST NUMBER: P997255

CATALOG NUMBER: SMX8SLSFS010-900LM-5000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	117.0	118.0	118.4	118.4	119.4	119.1	118.7	118.1	117.3	116.8	116.4
68°	113.9	114.8	115.1	115.3	116.3	115.8	115.7	114.9	114.2	113.7	113.3
68.5°	111.0	111.7	112.0	112.2	113.1	112.7	112.5	111.7	111.0	110.6	110.2
69°	107.8	108.5	108.8	109.1	110.0	109.8	109.5	108.6	107.9	107.4	107.1
69.5°	104.5	105.4	105.8	105.9	106.9	106.6	106.3	105.5	104.8	104.2	103.9
70°	101.6	102.3	102.6	103.0	103.8	103.4	103.2	102.3	101.7	101.1	100.7
70.5°	98.4	99.3	99.6	99.8	100.7	100.4	100.1	99.2	98.5	98.0	97.6
71°	95.2	96.1	96.4	96.8	97.5	97.2	97.0	96.1	95.5	94.9	94.4
71.5°	92.0	93.0	93.3	93.6	94.4	94.1	93.8	92.8	92.2	91.8	91.3
72°	89.0	89.7	90.1	90.5	91.2	91.0	90.6	89.8	89.1	88.6	88.2
72.5°	85.7	86.6	87.0	87.4	88.1	87.7	87.4	86.7	85.9	85.4	84.9
73°	82.6	83.5	83.8	84.1	84.9	84.6	84.3	83.4	82.8	82.2	81.8
73.5°	79.3	80.3	80.7	80.9	81.7	81.4	81.0	80.3	79.5	79.1	78.6
74°	76.2	77.2	77.5	77.8	78.4	78.4	78.1	77.1	76.5	75.9	75.4
74.5°	73.2	74.1	74.4	74.6	75.3	75.2	74.9	73.9	73.4	72.8	72.5
75°	70.2	71.1	71.4	71.5	72.4	72.1	71.8	71.0	70.4	69.7	69.4
75.5°	67.1	67.9	68.2	68.3	69.3	69.0	68.8	67.9	67.2	66.7	66.3
76°	63.8	64.7	65.0	65.1	66.1	65.9	65.7	64.8	64.2	63.6	63.3
76.5°	60.8	61.7	62.0	62.0	63.1	62.8	62.6	61.8	61.0	60.4	60.1
77°	57.7	58.6	58.9	58.9	59.9	59.7	59.6	58.7	57.9	57.4	57.1
77.5°	54.6	55.5	55.9	55.8	57.0	56.6	56.6	55.6	54.9	54.4	54.1
78°	51.6	52.5	52.7	52.8	53.9	53.7	53.5	52.5	51.8	51.3	51.0
78.5°	48.6	49.5	49.8	49.9	50.9	50.6	50.4	49.5	48.9	48.4	48.1
79°	45.8	46.6	46.9	46.9	47.8	47.7	47.6	46.6	46.0	45.5	45.4
79.5°	42.9	43.7	44.0	44.1	44.9	44.8	44.6	43.7	43.1	42.5	42.4
80°	40.0	40.8	41.1	41.2	42.1	42.0	41.7	40.9	40.3	39.8	39.5
80.5°	37.2	37.9	38.3	38.3	39.3	39.1	38.9	38.1	37.6	37.1	36.8
81°	34.5	35.1	35.5	35.6	36.6	36.5	36.2	35.4	34.9	34.4	34.2
81.5°	31.8	32.4	32.8	32.9	34.0	33.7	33.5	32.8	32.2	31.7	31.4
82°	29.0	29.7	30.0	30.1	31.2	31.1	30.8	30.1	29.6	29.0	28.8
82.5°	26.3	27.0	27.3	27.4	28.5	28.5	28.2	27.5	27.0	26.6	26.3
83°	23.8	24.3	24.6	24.8	26.0	25.9	25.6	24.9	24.5	24.0	23.8
83.5°	21.2	21.8	22.0	22.1	23.4	23.3	23.1	22.5	22.0	21.6	21.4
84°	19.0	19.5	19.7	19.7	20.9	20.9	20.7	20.0	19.6	19.2	19.0
84.5°	16.8	17.3	17.6	17.6	18.6	18.6	18.5	17.9	17.5	17.1	17.0
85°	14.8	15.3	15.4	15.5	16.6	16.5	16.4	15.8	15.3	14.9	14.9
85.5°	12.7	13.3	13.4	13.4	14.4	14.5	14.2	13.7	13.2	13.0	12.9
86°	10.9	11.4	11.5	11.5	12.4	12.5	12.2	11.7	11.3	11.1	11.0
86.5°	9.3	9.8	9.8	9.7	10.5	10.6	10.4	9.9	9.5	9.3	9.3
87°	7.8	8.2	8.2	8.2	8.8	8.9	8.7	8.3	7.9	7.7	7.7
87.5°	6.4	6.8	6.9	6.7	7.3	7.3	7.2	6.8	6.5	6.4	6.4
88°	5.3	5.6	5.6	5.5	5.8	5.8	5.7	5.4	5.1	5.1	5.1
88.5°	4.5	4.6	4.6	4.4	4.5	4.6	4.6	4.2	3.9	4.0	4.1

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

Scaled Data Report



TEST NUMBER: P997255
CATALOG NUMBER: SMX8SLSFS010-900LM-5000K

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: P997255

CATALOG NUMBER: SMX8SLSFS010-900LM-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	356.0	356.0	356.0	356.0	356.0	356.0
0.5°	356.1	356.0	355.7	356.2	356.0	355.5
1°	356.1	356.0	355.6	355.9	356.1	355.5
1.5°	355.8	355.9	355.6	356.0	355.9	355.3
2°	355.8	355.8	355.5	355.8	355.8	355.2
2.5°	355.5	355.6	355.6	355.7	355.5	355.1
3°	355.5	355.4	355.3	355.3	355.6	355.1
3.5°	355.1	355.1	355.2	355.3	355.3	354.9
4°	355.0	354.9	354.7	354.9	355.2	354.9
4.5°	354.6	354.6	354.5	354.7	354.7	354.6
5°	354.4	354.4	354.2	354.3	354.5	354.2
5.5°	354.0	353.9	353.9	354.1	354.1	353.9
6°	353.7	353.7	353.4	353.5	353.8	353.5
6.5°	353.2	353.2	353.1	353.2	353.4	353.2
7°	352.9	352.8	352.6	352.8	353.1	352.8
7.5°	352.3	352.3	352.1	352.3	352.5	352.5
8°	352.1	351.7	351.6	351.7	352.2	351.8
8.5°	351.5	351.3	351.2	351.6	351.5	351.5
9°	351.0	350.9	350.6	350.9	351.2	350.8
9.5°	350.4	350.3	350.2	350.5	350.6	350.4
10°	349.9	349.7	349.4	349.9	350.1	349.9
10.5°	349.2	349.1	348.8	349.3	349.5	349.2
11°	348.6	348.5	348.4	348.7	348.9	348.5
11.5°	347.7	347.8	347.7	348.0	348.2	348.0
12°	347.1	347.0	346.8	347.3	347.4	347.3
12.5°	346.3	346.4	346.3	346.6	346.7	346.6
13°	345.6	345.8	345.3	345.8	346.0	345.8
13.5°	344.7	344.9	344.6	345.0	345.1	345.0
14°	344.0	344.0	343.6	344.1	344.4	344.1
14.5°	343.2	343.1	342.9	343.4	343.5	343.4
15°	342.2	342.3	341.9	342.6	342.8	342.5
15.5°	341.2	341.4	341.1	341.7	341.9	341.7
16°	340.3	340.4	340.3	340.7	341.0	340.9
16.5°	339.2	339.7	339.4	339.8	339.9	339.9
17°	338.3	338.7	338.1	338.8	339.0	338.7
17.5°	337.2	337.6	337.1	337.6	337.8	337.9
18°	336.3	336.5	336.0	336.8	337.0	336.8
18.5°	335.2	335.3	335.1	335.6	335.8	335.9
19°	334.2	334.2	333.9	334.6	334.8	334.7
19.5°	333.1	332.9	332.9	333.5	333.5	333.6
20°	331.9	332.0	331.6	332.4	332.6	332.4
20.5°	330.7	330.8	330.6	331.0	331.2	331.3
21°	329.4	329.4	329.1	329.8	330.1	330.0



TEST NUMBER: P997255

CATALOG NUMBER: SMX8SLSFS010-900LM-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	325.4	325.8	325.4	326.2	326.1	326.3
23°	324.2	324.3	324.1	324.9	324.9	324.9
23.5°	322.7	322.8	323.0	323.6	323.3	323.7
24°	321.4	321.3	321.5	322.4	322.2	322.3
24.5°	320.0	320.0	320.1	321.0	320.7	320.9
25°	318.5	318.4	318.6	319.7	319.6	319.3
25.5°	317.1	317.1	317.2	318.3	317.9	318.1
26°	315.6	315.7	315.7	316.6	316.4	316.3
26.5°	314.0	314.1	314.0	315.0	314.7	314.9
27°	312.5	312.4	312.4	313.4	313.3	313.2
27.5°	310.8	310.8	310.8	311.9	311.6	311.8
28°	309.3	309.3	309.2	310.3	310.1	310.0
28.5°	307.5	307.6	307.6	308.5	308.3	308.4
29°	306.0	305.7	306.0	307.0	306.8	306.8
29.5°	304.2	304.1	304.4	305.4	305.0	305.3
30°	302.6	302.6	302.8	303.7	303.3	303.6
30.5°	300.8	300.7	301.0	301.8	301.6	301.8
31°	299.2	298.9	299.2	300.2	300.0	300.0
31.5°	297.3	297.1	297.4	298.3	298.1	298.3
32°	295.6	295.5	295.6	296.5	296.3	296.3
32.5°	293.7	293.8	294.1	294.7	294.5	294.8
33°	292.0	292.0	292.1	292.8	292.7	293.1
33.5°	290.2	290.0	290.3	291.1	290.9	291.0
34°	288.3	288.2	288.5	289.1	289.1	289.0
34.5°	286.2	286.3	286.5	287.1	287.2	287.3
35°	284.4	284.4	284.6	285.2	285.3	285.3
35.5°	282.3	282.2	282.6	283.2	283.3	283.5
36°	280.4	280.2	280.7	281.3	281.5	281.4
36.5°	278.3	278.3	278.5	279.2	279.3	279.4
37°	276.2	276.3	276.5	277.2	277.3	277.4
37.5°	274.1	274.3	274.6	275.0	275.2	275.4
38°	272.0	272.2	272.4	272.8	273.2	273.3
38.5°	269.9	269.9	270.2	270.7	271.1	271.3
39°	267.8	267.9	268.2	268.7	269.0	269.1
39.5°	265.8	265.7	266.1	266.6	267.0	267.0
40°	263.6	263.6	263.9	264.5	264.8	264.9
40.5°	261.3	261.4	261.7	262.3	262.6	262.6
41°	259.1	259.2	259.4	259.9	260.4	260.4
41.5°	256.9	256.9	257.1	257.7	258.0	258.2
42°	254.5	254.7	254.9	255.5	255.8	256.0
42.5°	252.3	252.4	252.8	253.2	253.6	253.7
43°	250.0	250.2	250.5	250.9	251.4	251.4
43.5°	247.6	247.7	248.2	248.5	249.0	249.1



TEST NUMBER: P997255

CATALOG NUMBER: SMX8SLSFS010-900LM-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	240.7	240.6	241.0	241.6	242.2	242.1
45.5°	238.4	238.3	238.7	239.1	239.9	239.8
46°	236.1	236.0	236.3	236.9	237.4	237.3
46.5°	233.6	233.6	233.9	234.4	234.9	235.0
47°	231.2	231.1	231.3	232.0	232.5	232.5
47.5°	228.7	228.6	228.9	229.5	230.1	230.1
48°	226.2	226.2	226.4	227.0	227.5	227.5
48.5°	223.8	223.7	223.8	224.5	225.0	225.0
49°	221.2	221.0	221.2	222.0	222.4	222.3
49.5°	218.7	218.4	218.8	219.3	219.9	219.8
50°	216.1	215.8	216.1	216.8	217.2	217.3
50.5°	213.5	213.2	213.6	214.2	214.8	214.7
51°	211.0	210.8	211.1	211.6	212.3	212.2
51.5°	208.5	208.1	208.5	209.1	209.8	209.5
52°	205.8	205.5	205.7	206.3	206.9	207.0
52.5°	203.2	202.8	203.1	203.6	204.4	204.3
53°	200.5	200.1	200.4	201.0	201.6	201.7
53.5°	197.9	197.5	197.8	198.3	198.9	198.9
54°	195.0	194.6	194.9	195.5	196.1	196.3
54.5°	192.3	191.9	192.2	192.8	193.5	193.5
55°	189.6	189.1	189.4	190.1	190.6	190.8
55.5°	186.8	186.4	186.7	187.1	187.8	187.9
56°	184.0	183.7	183.9	184.5	185.1	185.3
56.5°	181.3	180.9	181.3	181.7	182.3	182.6
57°	178.5	178.0	178.4	179.0	179.5	179.8
57.5°	175.7	175.3	175.5	175.9	176.7	176.7
58°	172.9	172.3	172.5	173.2	173.6	174.1
58.5°	170.1	169.5	169.9	170.2	170.9	171.2
59°	167.2	166.6	166.7	167.4	167.9	168.2
59.5°	164.2	163.7	163.8	164.4	165.0	165.2
60°	161.3	160.7	161.0	161.6	162.0	162.5
60.5°	158.4	157.8	158.0	158.5	159.2	159.5
61°	155.5	154.8	155.1	155.7	156.3	156.6
61.5°	152.6	151.8	152.3	152.6	153.4	153.7
62°	149.5	148.9	149.2	149.7	150.4	150.7
62.5°	146.5	145.9	146.1	146.6	147.3	147.7
63°	143.5	142.9	143.1	143.5	144.2	144.6
63.5°	140.5	139.8	140.1	140.6	141.3	141.7
64°	137.4	136.8	137.1	137.5	138.2	138.4
64.5°	134.4	133.8	134.0	134.4	135.2	135.5
65°	131.5	130.6	130.9	131.4	132.1	132.5
65.5°	128.4	127.5	128.0	128.3	129.1	129.6
66°	125.4	124.5	124.9	125.3	126.0	126.4

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



TEST NUMBER: P997255

CATALOG NUMBER: SMX8SLSFS010-900LM-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	116.1	115.3	115.6	116.1	116.8	117.0
68°	113.0	112.1	112.4	112.9	113.7	113.9
68.5°	109.9	109.1	109.3	109.6	110.6	111.0
69°	106.8	105.8	106.1	106.6	107.4	107.8
69.5°	103.6	102.7	102.9	103.3	104.2	104.5
70°	100.6	99.6	99.9	100.3	101.2	101.6
70.5°	97.3	96.4	96.7	97.2	98.0	98.4
71°	94.1	93.3	93.6	94.1	94.8	95.2
71.5°	91.0	90.1	90.4	90.9	91.8	92.0
72°	87.8	86.9	87.1	87.7	88.6	89.0
72.5°	84.6	83.7	84.1	84.6	85.4	85.7
73°	81.5	80.5	80.9	81.3	82.2	82.6
73.5°	78.4	77.5	77.6	78.2	79.1	79.3
74°	75.2	74.4	74.7	75.0	75.9	76.2
74.5°	72.2	71.3	71.6	72.1	72.9	73.2
75°	69.2	68.1	68.4	69.0	69.8	70.2
75.5°	66.0	65.1	65.3	65.7	66.5	67.1
76°	62.9	62.0	62.3	62.8	63.4	63.8
76.5°	59.7	58.9	59.1	59.6	60.3	60.8
77°	56.7	55.8	56.1	56.6	57.3	57.7
77.5°	53.7	52.7	53.0	53.5	54.2	54.6
78°	50.7	49.8	50.1	50.6	51.2	51.6
78.5°	47.8	46.9	47.1	47.6	48.2	48.6
79°	45.0	44.0	44.3	44.7	45.3	45.8
79.5°	42.0	41.0	41.3	41.9	42.6	42.9
80°	39.3	38.2	38.4	39.0	39.6	40.0
80.5°	36.7	35.5	35.6	36.2	36.8	37.2
81°	33.9	32.8	33.0	33.5	34.0	34.5
81.5°	31.1	30.1	30.3	30.8	31.3	31.8
82°	28.5	27.3	27.7	28.2	28.6	29.0
82.5°	26.0	24.7	25.0	25.4	25.9	26.3
83°	23.5	22.1	22.4	22.8	23.4	23.8
83.5°	21.2	19.7	20.0	20.3	20.8	21.2
84°	18.8	17.6	17.9	18.3	18.7	19.0
84.5°	16.8	15.5	15.7	16.1	16.6	16.8
85°	14.6	13.4	13.7	14.1	14.5	14.8
85.5°	12.7	11.6	11.9	12.2	12.6	12.7
86°	10.9	9.9	10.2	10.5	10.8	10.9
86.5°	9.2	8.3	8.7	9.0	9.2	9.3
87°	7.6	7.0	7.2	7.6	7.8	7.8
87.5°	6.4	5.8	6.1	6.4	6.5	6.4
88°	5.1	4.7	5.1	5.3	5.3	5.3
88.5°	4.0	3.8	4.3	4.5	4.4	4.5

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TEST NUMBER: P997255
CATALOG NUMBER: SMX8SLSFS010-900LM-5000K

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°	328.9	329.4	329.1	329.0	328.9	328.9	328.3	327.6	327.9	328.0
22°	327.5	328.1	327.9	327.8	327.5	327.5	327.0	326.3	326.7	326.9

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44°	246.7	247.3	247.4	247.5	247.6	247.1	246.9	246.3	245.7	246.1	245.8
44.5°	244.4	245.0	245.2	245.2	245.2	244.9	244.4	244.0	243.3	243.9	243.4

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66.5°	123.3	124.1	124.5	124.6	125.5	125.1	124.9	124.2	123.4	123.0	122.6
67°	120.2	121.0	121.4	121.5	122.4	122.1	121.9	121.1	120.4	120.0	119.5

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89°	3.5	3.7	3.6	3.5	3.5	3.6	3.5	3.2	3.0	3.1	3.2
89.5°	2.7	2.9	2.9	2.7	2.6	2.6	2.6	2.3	2.2	2.3	2.4

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21.5°	328.1	328.2	327.9	328.7	328.8	328.9
22°	326.9	327.1	326.6	327.5	327.6	327.5

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44°	245.3	245.3	245.8	246.3	246.8	246.7
44.5°	243.0	243.0	243.4	243.8	244.5	244.4

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66.5°	122.4	121.5	121.9	122.3	123.0	123.3
67°	119.4	118.4	118.7	119.1	119.8	120.2

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89°	3.2	3.1	3.5	3.6	3.6	3.5
89.5°	2.4	2.5	2.8	3.0	2.9	2.7

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(END OF REPORT)