

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: P997225

Luminaire Tested: **SMX6SLSFSD2W-900LM-5000K**

Issue Date: 3/11/2025



Test Information

Test Method: LM-41-14
Report Number: P997225
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (A2410656A001)
Test Lab:
Issue Date: 3/11/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: HALO
Catalog Number: SMX6SLSFSD2W-900LM-5000K
Description: 6IN SQAURE, 90CRI, DIMMING TO 10%, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 5000K CCT
Ballast/Driver: -

Summary

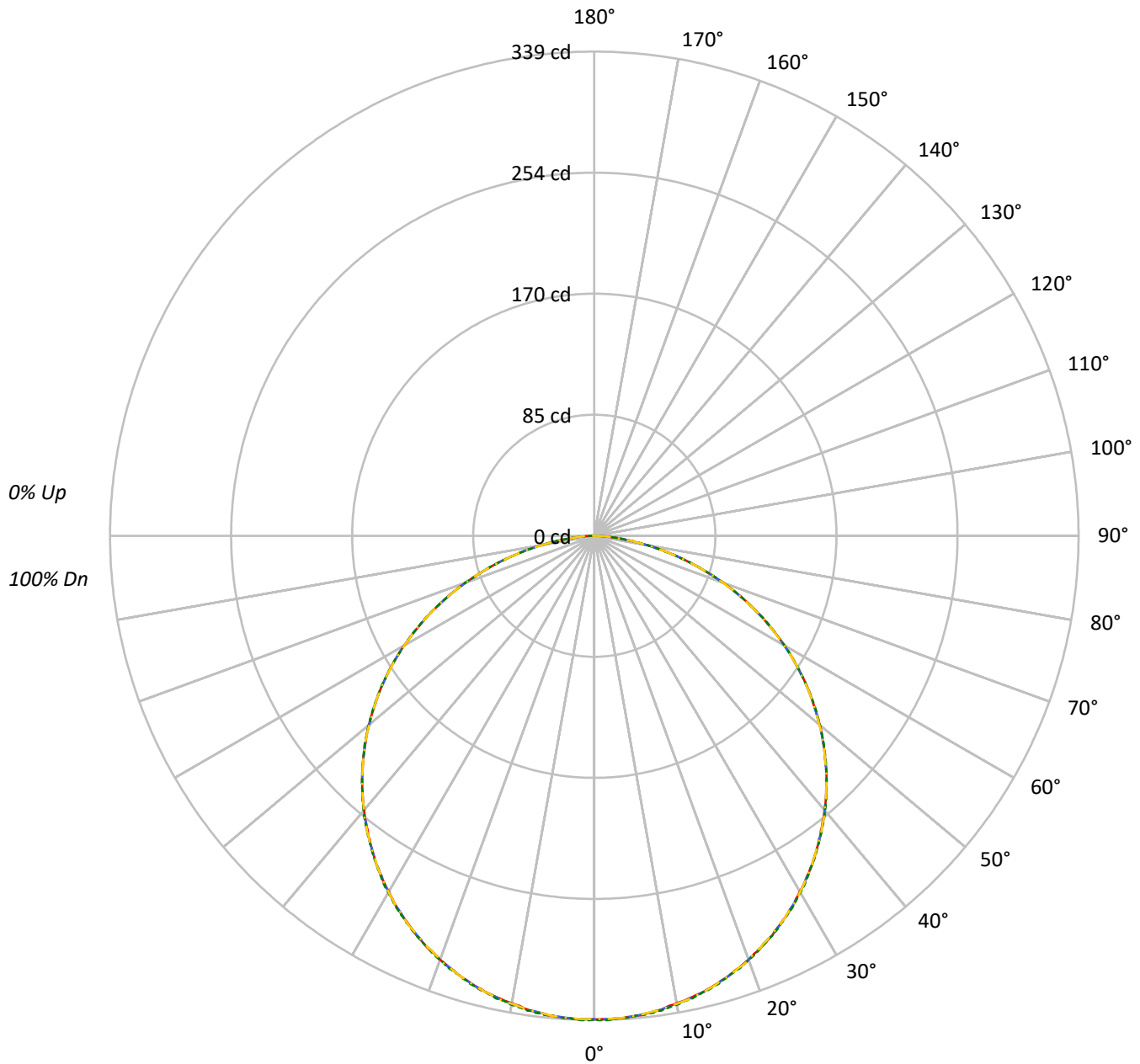
Lumens per Lamp: N/A
Luminaire Lumens: 980.5 lumens
Efficiency: N/A
Efficacy: 106.6 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.27 / 1.38
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 9.2
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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Luminous Intensity Polar Plot



Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	109	104	100	96	106	102	98	94	97	94	91	93	91	88	90	88	86	84		
2	99	90	84	78	96	89	82	77	85	80	75	82	77	73	79	75	72	69		
3	90	79	71	64	87	78	70	64	75	68	63	72	66	62	69	65	61	58		
4	82	70	61	54	80	69	60	54	66	59	53	64	58	53	62	56	52	50		
5	76	63	53	47	73	61	53	47	59	52	46	57	51	45	55	50	45	43		
6	70	56	47	41	68	55	47	41	53	46	40	52	45	40	50	44	39	37		
7	65	51	42	36	63	50	42	36	49	41	36	47	40	35	46	40	35	33		
8	60	46	38	32	59	46	38	32	44	37	32	43	36	31	42	36	31	29		
9	56	43	34	29	55	42	34	29	41	34	29	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°	14579	14579	14579	14579
5°	14578	14574	14578	14574
10°	14528	14581	14528	14581
15°	14518	14536	14518	14536
20°	14474	14483	14474	14483
25°	14395	14423	14395	14423
30°	14298	14338	14298	14338
35°	14218	14234	14218	14234
40°	14096	14130	14096	14130
45°	13974	13980	13974	13980
50°	13792	13819	13792	13819
55°	13564	13587	13564	13587
60°	13235	13253	13235	13253
65°	12765	12796	12765	12796
70°	12060	12060	12060	12060
75°	10929	10946	10929	10946
80°	9199	9224	9199	9224
85°	6323	6521	6323	6521



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.1	3.3
10°-20°	91.9	9.4
20°-30°	139.7	14.2
30°-40°	169.2	17.3
40°-50°	176.9	18.0
50°-60°	161.3	16.4
60°-70°	123.7	12.6
70°-80°	69.5	7.1
80°-90°	16.1	1.6
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	263.7	26.9
0°-40°	432.9	44.2
0°-60°	771.1	78.6
0°-90°	980.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	980.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	339	339	339	339	339	
5°	337	337	337	337	337	32
15°	326	326	326	326	326	92
25°	303	304	303	304	303	140
35°	270	271	270	271	270	169
45°	230	230	230	230	230	177
55°	181	181	181	181	181	161
65°	125	126	125	126	125	124
75°	66	66	66	66	66	70
85°	13	13	13	13	13	16
90°	0	0	0	0	0	

Cooper Lighting Solutions Photometric Lab

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	338.6	338.6	338.6	338.6	338.6	338.6	338.6	338.6	338.6	338.6	338.6
0.5°	338.6	338.5	338.4	338.9	339.2	338.9	338.4	338.5	338.6	338.5	338.4
1°	338.5	338.4	338.5	338.9	339.2	338.9	338.5	338.4	338.5	338.4	338.5
1.5°	338.8	338.2	338.6	338.8	339.2	338.8	338.6	338.2	338.8	338.2	338.6
2°	338.8	338.1	338.5	338.9	339.2	338.9	338.5	338.1	338.8	338.1	338.5
2.5°	338.4	338.1	338.2	338.7	338.5	338.7	338.2	338.1	338.4	338.1	338.2
3°	338.3	337.7	338.1	338.6	338.3	338.6	338.1	337.7	338.3	337.7	338.1
3.5°	338.2	337.6	338.1	338.3	338.1	338.3	338.1	337.6	338.2	337.6	338.1
4°	337.8	337.6	337.9	338.0	338.3	338.0	337.9	337.6	337.8	337.6	337.9
4.5°	337.7	337.1	337.6	337.5	337.8	337.5	337.6	337.1	337.7	337.1	337.6
5°	337.3	336.7	337.4	337.3	337.2	337.3	337.4	336.7	337.3	336.7	337.4
5.5°	337.4	336.7	336.9	336.9	337.4	336.9	336.9	336.7	337.4	336.7	336.9
6°	336.4	336.2	336.5	336.9	337.3	336.9	336.5	336.2	336.4	336.2	336.5
6.5°	336.3	335.9	336.1	336.2	336.6	336.2	336.1	335.9	336.3	335.9	336.1
7°	335.9	335.6	335.7	336.0	336.6	336.0	335.7	335.6	335.9	335.6	335.7
7.5°	335.4	335.1	335.5	335.3	335.7	335.3	335.5	335.1	335.4	335.1	335.5
8°	335.1	334.3	335.2	335.1	335.8	335.1	335.2	334.3	335.1	334.3	335.2
8.5°	334.4	334.2	334.4	334.6	335.0	334.6	334.4	334.2	334.4	334.2	334.4
9°	333.2	333.6	333.8	334.3	334.5	334.3	333.8	333.6	333.2	333.6	333.8
9.5°	332.9	333.3	333.2	334.0	333.8	334.0	333.2	333.3	332.9	333.3	333.2
10°	332.3	332.8	332.7	333.3	333.5	333.3	332.7	332.8	332.3	332.8	332.7
10.5°	331.8	331.9	332.3	332.6	332.8	332.6	332.3	331.9	331.8	331.9	332.3
11°	331.4	331.2	331.7	332.2	331.7	332.2	331.7	331.2	331.4	331.2	331.7
11.5°	330.8	330.6	331.2	331.1	331.4	331.1	331.2	330.6	330.8	330.6	331.2
12°	330.2	329.8	330.2	330.7	331.1	330.7	330.2	329.8	330.2	329.8	330.2
12.5°	329.4	329.3	329.7	330.0	330.0	330.0	329.7	329.3	329.4	329.3	329.7
13°	329.0	328.5	328.9	329.0	329.3	329.0	328.9	328.5	329.0	328.5	328.9
13.5°	328.2	327.7	328.4	328.1	328.3	328.1	328.4	327.7	328.2	327.7	328.4
14°	327.1	327.1	327.4	327.5	328.0	327.5	327.4	327.1	327.1	327.1	327.4
14.5°	326.6	326.3	326.7	326.7	327.1	326.7	326.7	326.3	326.6	326.3	326.7
15°	325.7	325.5	326.0	325.9	326.1	325.9	326.0	325.5	325.7	325.5	326.0
15.5°	324.8	324.5	324.7	325.0	325.5	325.0	324.7	324.5	324.8	324.5	324.7
16°	323.7	323.8	323.9	324.2	323.9	324.2	323.9	323.8	323.7	323.8	323.9
16.5°	323.0	322.7	323.0	323.2	323.4	323.2	323.0	322.7	323.0	322.7	323.0
17°	322.1	321.8	322.2	322.5	322.0	322.5	322.2	321.8	322.1	321.8	322.2
17.5°	321.0	320.7	321.0	321.1	321.3	321.1	321.0	320.7	321.0	320.7	321.0
18°	319.7	319.6	320.0	320.2	320.3	320.2	320.0	319.6	319.7	319.6	320.0
18.5°	319.0	318.9	318.8	319.1	319.6	319.1	318.8	318.9	319.0	318.9	318.8
19°	317.9	317.8	318.2	318.1	318.7	318.1	318.2	317.8	317.9	317.8	318.2
19.5°	316.7	316.3	317.1	316.8	316.9	316.8	317.1	316.3	316.7	316.3	317.1
20°	315.9	315.6	315.8	316.0	316.1	316.0	315.8	315.6	315.9	315.6	315.8
20.5°	314.6	314.0	314.4	314.6	315.0	314.6	314.4	314.0	314.6	314.0	314.4
21°	313.1	313.2	313.2	313.6	314.0	313.6	313.2	313.2	313.1	313.2	313.2

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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°	310.0	309.0	309.2	310.3	310.0	310.3	309.2	309.0	310.0	309.0	309.2
23°	308.6	308.0	308.2	309.1	308.8	309.1	308.2	308.0	308.6	308.0	308.2
23.5°	307.2	306.6	307.0	307.6	307.5	307.6	307.0	306.6	307.2	306.6	307.0
24°	306.2	305.4	305.8	306.1	306.4	306.1	305.8	305.4	306.2	305.4	305.8
24.5°	304.6	304.2	304.3	304.5	304.9	304.5	304.3	304.2	304.6	304.2	304.3
25°	303.0	303.0	303.2	303.3	303.6	303.3	303.2	303.0	303.0	303.0	303.2
25.5°	301.7	301.5	301.9	302.0	301.9	302.0	301.9	301.5	301.7	301.5	301.9
26°	300.2	300.1	300.3	300.5	300.7	300.5	300.3	300.1	300.2	300.1	300.3
26.5°	299.0	298.5	298.9	299.0	299.1	299.0	298.9	298.5	299.0	298.5	298.9
27°	297.4	297.1	297.2	297.6	297.9	297.6	297.2	297.1	297.4	297.1	297.2
27.5°	296.0	295.5	295.7	296.1	296.4	296.1	295.7	295.5	296.0	295.5	295.7
28°	294.5	294.2	294.5	294.7	295.0	294.7	294.5	294.2	294.5	294.2	294.5
28.5°	293.0	292.4	293.0	293.1	293.5	293.1	293.0	292.4	293.0	292.4	293.0
29°	291.0	290.9	291.2	291.3	291.7	291.3	291.2	290.9	291.0	290.9	291.2
29.5°	289.6	289.3	289.8	289.8	290.1	289.8	289.8	289.3	289.6	289.3	289.8
30°	287.6	287.8	288.0	288.1	288.4	288.1	288.0	287.8	287.6	287.8	288.0
30.5°	286.3	285.9	286.4	286.6	287.2	286.6	286.4	285.9	286.3	285.9	286.4
31°	284.6	284.2	284.7	284.9	285.4	284.9	284.7	284.2	284.6	284.2	284.7
31.5°	283.0	282.5	283.0	283.2	283.7	283.2	283.0	282.5	283.0	282.5	283.0
32°	281.0	280.8	281.1	281.4	281.6	281.4	281.1	280.8	281.0	280.8	281.1
32.5°	279.5	278.9	279.7	279.8	279.9	279.8	279.7	278.9	279.5	278.9	279.7
33°	277.6	277.6	277.8	278.1	278.1	278.1	277.8	277.6	277.6	277.6	277.8
33.5°	276.2	275.5	276.2	276.2	276.1	276.2	276.2	275.5	276.2	275.5	276.2
34°	274.3	274.3	273.9	274.5	274.4	274.5	273.9	274.3	274.3	274.3	273.9
34.5°	272.1	272.2	272.4	272.6	272.8	272.6	272.4	272.2	272.1	272.2	272.4
35°	270.5	270.4	270.3	270.7	270.8	270.7	270.3	270.4	270.5	270.4	270.3
35.5°	268.4	268.6	268.5	269.0	268.7	269.0	268.5	268.6	268.4	268.6	268.5
36°	266.8	266.6	266.7	267.2	266.8	267.2	266.7	266.6	266.8	266.6	266.7
36.5°	264.4	264.4	264.8	265.1	264.9	265.1	264.8	264.4	264.4	264.4	264.8
37°	263.2	262.6	262.8	263.0	263.2	263.0	262.8	262.6	263.2	262.6	262.8
37.5°	260.3	260.6	261.2	261.5	261.4	261.5	261.2	260.6	260.3	260.6	261.2
38°	258.7	258.9	259.0	259.4	259.3	259.4	259.0	258.9	258.7	258.9	259.0
38.5°	256.6	256.6	256.8	257.4	257.3	257.4	256.8	256.6	256.6	256.6	256.8
39°	254.8	254.9	255.2	255.2	255.6	255.2	255.2	254.9	254.8	254.9	255.2
39.5°	252.8	252.7	253.2	253.2	253.3	253.2	253.2	252.7	252.8	252.7	253.2
40°	250.8	250.6	250.9	251.3	251.4	251.3	250.9	250.6	250.8	250.6	250.9
40.5°	248.7	248.5	248.8	249.3	249.3	249.3	248.8	248.5	248.7	248.5	248.8
41°	246.8	246.7	246.7	247.0	247.1	247.0	246.7	246.7	246.8	246.7	246.7
41.5°	244.6	244.3	244.7	244.9	245.1	244.9	244.7	244.3	244.6	244.3	244.7
42°	242.5	242.1	242.6	242.9	242.5	242.9	242.6	242.1	242.5	242.1	242.6
42.5°	240.4	240.0	240.4	240.9	240.5	240.9	240.4	240.0	240.4	240.0	240.4
43°	238.2	238.2	238.3	238.5	238.6	238.5	238.3	238.2	238.2	238.2	238.3
43.5°	236.1	235.8	235.9	236.3	236.3	236.3	235.9	235.8	236.1	235.8	235.9

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	229.5	229.1	229.3	229.7	229.6	229.7	229.3	229.1	229.5	229.1	229.3
45.5°	227.1	226.6	226.9	227.3	227.3	227.3	226.9	226.6	227.1	226.6	226.9
46°	224.7	224.5	224.7	225.1	225.0	225.1	224.7	224.5	224.7	224.5	224.7
46.5°	222.4	222.1	222.3	222.5	222.7	222.5	222.3	222.1	222.4	222.1	222.3
47°	220.2	219.9	220.1	220.3	220.4	220.3	220.1	219.9	220.2	219.9	220.1
47.5°	217.9	217.5	217.9	218.1	218.2	218.1	217.9	217.5	217.9	217.5	217.9
48°	215.4	215.2	215.5	215.8	216.0	215.8	215.5	215.2	215.4	215.2	215.5
48.5°	213.2	212.9	213.1	213.2	213.4	213.2	213.1	212.9	213.2	212.9	213.1
49°	211.0	210.5	210.7	211.1	210.9	211.1	210.7	210.5	211.0	210.5	210.7
49.5°	208.4	208.1	208.2	208.5	208.8	208.5	208.2	208.1	208.4	208.1	208.2
50°	205.9	205.6	205.6	206.2	206.3	206.2	205.6	205.6	205.9	205.6	205.6
50.5°	203.5	203.1	203.1	203.6	203.8	203.6	203.1	203.1	203.5	203.1	203.1
51°	201.1	200.7	200.6	201.2	201.2	201.2	200.6	200.7	201.1	200.7	200.6
51.5°	198.5	198.3	198.3	198.6	198.9	198.6	198.3	198.3	198.5	198.3	198.3
52°	195.9	195.7	195.6	196.1	196.4	196.1	195.6	195.7	195.9	195.7	195.6
52.5°	193.2	193.2	193.4	193.6	193.8	193.6	193.4	193.2	193.2	193.2	193.4
53°	190.9	190.7	190.9	191.0	191.1	191.0	190.9	190.7	190.9	190.7	190.9
53.5°	188.5	188.1	188.4	188.2	188.7	188.2	188.4	188.1	188.5	188.1	188.4
54°	185.9	185.5	185.7	186.0	186.1	186.0	185.7	185.5	185.9	185.5	185.7
54.5°	183.3	182.9	183.1	183.5	183.5	183.5	183.1	182.9	183.3	182.9	183.1
55°	180.7	180.4	180.5	180.8	181.0	180.8	180.5	180.4	180.7	180.4	180.5
55.5°	178.2	177.8	177.9	178.1	178.4	178.1	177.9	177.8	178.2	177.8	177.9
56°	175.4	175.1	175.2	175.4	175.6	175.4	175.2	175.1	175.4	175.1	175.2
56.5°	172.8	172.4	172.6	172.8	172.8	172.8	172.6	172.4	172.8	172.4	172.6
57°	170.0	169.7	169.9	170.2	170.3	170.2	169.9	169.7	170.0	169.7	169.9
57.5°	167.3	167.0	167.2	167.6	167.6	167.6	167.2	167.0	167.3	167.0	167.2
58°	164.6	164.3	164.6	164.8	164.9	164.8	164.6	164.3	164.6	164.3	164.6
58.5°	162.0	161.7	161.9	162.0	162.1	162.0	161.9	161.7	162.0	161.7	161.9
59°	159.4	159.0	158.9	159.2	159.5	159.2	158.9	159.0	159.4	159.0	158.9
59.5°	156.5	156.2	156.1	156.5	156.7	156.5	156.1	156.2	156.5	156.2	156.1
60°	153.7	153.5	153.4	153.7	153.9	153.7	153.4	153.5	153.7	153.5	153.4
60.5°	151.0	150.7	150.7	151.0	151.2	151.0	150.7	150.7	151.0	150.7	150.7
61°	148.0	147.9	147.9	148.2	148.3	148.2	147.9	147.9	148.0	147.9	147.9
61.5°	145.2	145.0	145.1	145.4	145.5	145.4	145.1	145.0	145.2	145.0	145.1
62°	142.3	142.3	142.2	142.6	142.7	142.6	142.2	142.3	142.3	142.3	142.2
62.5°	139.4	139.5	139.5	139.8	139.8	139.8	139.5	139.5	139.4	139.5	139.5
63°	136.7	136.6	136.7	137.0	137.0	137.0	136.7	136.6	136.7	136.6	136.7
63.5°	133.8	133.8	133.9	134.0	134.3	134.0	133.9	133.8	133.8	133.8	133.9
64°	131.0	130.8	131.0	131.1	131.5	131.1	131.0	130.8	131.0	130.8	131.0
64.5°	128.1	128.0	128.2	128.2	128.5	128.2	128.2	128.0	128.1	128.0	128.2
65°	125.3	125.1	125.2	125.3	125.6	125.3	125.2	125.1	125.3	125.1	125.2
65.5°	122.2	122.1	122.3	122.4	122.5	122.4	122.3	122.1	122.2	122.1	122.3
66°	119.3	119.2	119.2	119.6	119.6	119.6	119.2	119.2	119.3	119.2	119.2

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997225

CATALOG NUMBER: SMX6SLSFSD2W-900LM-5000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	110.7	110.3	110.4	110.6	110.8	110.6	110.4	110.3	110.7	110.3	110.4
68°	107.7	107.5	107.5	107.7	107.9	107.7	107.5	107.5	107.7	107.5	107.5
68.5°	104.7	104.5	104.7	104.8	104.8	104.8	104.7	104.5	104.7	104.5	104.7
69°	101.7	101.5	101.4	101.8	101.8	101.8	101.4	101.5	101.7	101.5	101.4
69.5°	98.7	98.5	98.6	98.8	98.9	98.8	98.6	98.5	98.7	98.5	98.6
70°	95.8	95.6	95.7	95.8	95.8	95.8	95.7	95.6	95.8	95.6	95.7
70.5°	92.7	92.5	92.6	92.9	92.8	92.9	92.6	92.5	92.7	92.5	92.6
71°	89.7	89.6	89.6	89.8	89.8	89.8	89.6	89.6	89.7	89.6	89.6
71.5°	86.6	86.5	86.6	86.8	86.7	86.8	86.6	86.5	86.6	86.5	86.6
72°	83.6	83.5	83.5	83.8	83.8	83.8	83.5	83.5	83.6	83.5	83.5
72.5°	80.6	80.5	80.6	80.9	80.8	80.9	80.6	80.5	80.6	80.5	80.6
73°	77.5	77.5	77.6	77.8	77.8	77.8	77.6	77.5	77.5	77.5	77.6
73.5°	74.7	74.5	74.6	74.8	74.8	74.8	74.6	74.5	74.7	74.5	74.6
74°	71.8	71.7	71.7	71.7	71.9	71.7	71.7	71.7	71.8	71.7	71.7
74.5°	68.7	68.7	68.7	68.8	68.8	68.8	68.7	68.7	68.7	68.7	68.7
75°	65.7	65.7	65.7	65.8	65.8	65.8	65.7	65.7	65.7	65.7	65.7
75.5°	62.7	62.7	62.7	62.9	62.9	62.9	62.7	62.7	62.7	62.7	62.7
76°	59.8	59.7	59.7	59.8	59.9	59.8	59.7	59.7	59.8	59.7	59.7
76.5°	56.8	56.7	56.8	56.9	56.9	56.9	56.8	56.7	56.8	56.7	56.8
77°	53.9	53.9	53.9	54.1	54.1	54.1	53.9	53.9	53.9	53.9	53.9
77.5°	51.1	51.0	51.1	51.2	51.2	51.2	51.1	51.0	51.1	51.0	51.1
78°	48.3	48.2	48.3	48.4	48.4	48.4	48.3	48.2	48.3	48.2	48.3
78.5°	45.5	45.4	45.4	45.6	45.6	45.6	45.4	45.4	45.5	45.4	45.4
79°	42.7	42.6	42.6	42.8	42.8	42.8	42.6	42.6	42.7	42.6	42.6
79.5°	39.9	39.8	39.8	40.0	40.0	40.0	39.8	39.8	39.9	39.8	39.8
80°	37.1	37.0	37.1	37.2	37.2	37.2	37.1	37.0	37.1	37.0	37.1
80.5°	34.3	34.3	34.3	34.5	34.5	34.5	34.3	34.3	34.3	34.3	34.3
81°	31.7	31.7	31.7	31.8	31.8	31.8	31.7	31.7	31.7	31.7	31.7
81.5°	29.1	29.0	29.1	29.1	29.2	29.1	29.1	29.0	29.1	29.0	29.1
82°	26.4	26.3	26.4	26.6	26.6	26.6	26.4	26.3	26.4	26.3	26.4
82.5°	23.8	23.8	24.0	24.1	24.2	24.1	24.0	23.8	23.8	23.8	24.0
83°	21.5	21.5	21.5	21.7	21.9	21.7	21.5	21.5	21.5	21.5	21.5
83.5°	19.1	19.1	19.2	19.4	19.5	19.4	19.2	19.1	19.1	19.1	19.2
84°	16.9	16.9	17.1	17.2	17.2	17.2	17.1	16.9	16.9	16.9	17.1
84.5°	14.9	14.9	14.9	15.0	15.2	15.0	14.9	14.9	14.9	14.9	14.9
85°	12.8	12.8	12.8	13.0	13.2	13.0	12.8	12.8	12.8	12.8	12.8
85.5°	10.8	10.8	11.0	11.1	11.3	11.1	11.0	10.8	10.8	10.8	11.0
86°	9.0	9.0	9.2	9.3	9.5	9.3	9.2	9.0	9.0	9.0	9.2
86.5°	7.3	7.4	7.5	7.7	7.9	7.7	7.5	7.4	7.3	7.4	7.5
87°	5.8	5.9	6.0	6.1	6.4	6.1	6.0	5.9	5.8	5.9	6.0
87.5°	4.4	4.5	4.7	4.8	5.1	4.8	4.7	4.5	4.4	4.5	4.7
88°	3.3	3.3	3.4	3.6	3.9	3.6	3.4	3.3	3.3	3.3	3.4
88.5°	2.2	2.2	2.4	2.6	2.9	2.6	2.4	2.2	2.2	2.2	2.4

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

Scaled Data Report



TEST NUMBER: P997225
CATALOG NUMBER: SMX6SLSFSD2W-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: P997225

CATALOG NUMBER: SMX6SLSFSD2W-900LM-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	338.6	338.6	338.6	338.6	338.6	338.6
0.5°	338.9	339.2	338.9	338.4	338.5	338.6
1°	338.9	339.2	338.9	338.5	338.4	338.5
1.5°	338.8	339.2	338.8	338.6	338.2	338.8
2°	338.9	339.2	338.9	338.5	338.1	338.8
2.5°	338.7	338.5	338.7	338.2	338.1	338.4
3°	338.6	338.3	338.6	338.1	337.7	338.3
3.5°	338.3	338.1	338.3	338.1	337.6	338.2
4°	338.0	338.3	338.0	337.9	337.6	337.8
4.5°	337.5	337.8	337.5	337.6	337.1	337.7
5°	337.3	337.2	337.3	337.4	336.7	337.3
5.5°	336.9	337.4	336.9	336.9	336.7	337.4
6°	336.9	337.3	336.9	336.5	336.2	336.4
6.5°	336.2	336.6	336.2	336.1	335.9	336.3
7°	336.0	336.6	336.0	335.7	335.6	335.9
7.5°	335.3	335.7	335.3	335.5	335.1	335.4
8°	335.1	335.8	335.1	335.2	334.3	335.1
8.5°	334.6	335.0	334.6	334.4	334.2	334.4
9°	334.3	334.5	334.3	333.8	333.6	333.2
9.5°	334.0	333.8	334.0	333.2	333.3	332.9
10°	333.3	333.5	333.3	332.7	332.8	332.3
10.5°	332.6	332.8	332.6	332.3	331.9	331.8
11°	332.2	331.7	332.2	331.7	331.2	331.4
11.5°	331.1	331.4	331.1	331.2	330.6	330.8
12°	330.7	331.1	330.7	330.2	329.8	330.2
12.5°	330.0	330.0	330.0	329.7	329.3	329.4
13°	329.0	329.3	329.0	328.9	328.5	329.0
13.5°	328.1	328.3	328.1	328.4	327.7	328.2
14°	327.5	328.0	327.5	327.4	327.1	327.1
14.5°	326.7	327.1	326.7	326.7	326.3	326.6
15°	325.9	326.1	325.9	326.0	325.5	325.7
15.5°	325.0	325.5	325.0	324.7	324.5	324.8
16°	324.2	323.9	324.2	323.9	323.8	323.7
16.5°	323.2	323.4	323.2	323.0	322.7	323.0
17°	322.5	322.0	322.5	322.2	321.8	322.1
17.5°	321.1	321.3	321.1	321.0	320.7	321.0
18°	320.2	320.3	320.2	320.0	319.6	319.7
18.5°	319.1	319.6	319.1	318.8	318.9	319.0
19°	318.1	318.7	318.1	318.2	317.8	317.9
19.5°	316.8	316.9	316.8	317.1	316.3	316.7
20°	316.0	316.1	316.0	315.8	315.6	315.9
20.5°	314.6	315.0	314.6	314.4	314.0	314.6
21°	313.6	314.0	313.6	313.2	313.2	313.1

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997225

CATALOG NUMBER: SMX6SLSFSD2W-900LM-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	310.3	310.0	310.3	309.2	309.0	310.0
23°	309.1	308.8	309.1	308.2	308.0	308.6
23.5°	307.6	307.5	307.6	307.0	306.6	307.2
24°	306.1	306.4	306.1	305.8	305.4	306.2
24.5°	304.5	304.9	304.5	304.3	304.2	304.6
25°	303.3	303.6	303.3	303.2	303.0	303.0
25.5°	302.0	301.9	302.0	301.9	301.5	301.7
26°	300.5	300.7	300.5	300.3	300.1	300.2
26.5°	299.0	299.1	299.0	298.9	298.5	299.0
27°	297.6	297.9	297.6	297.2	297.1	297.4
27.5°	296.1	296.4	296.1	295.7	295.5	296.0
28°	294.7	295.0	294.7	294.5	294.2	294.5
28.5°	293.1	293.5	293.1	293.0	292.4	293.0
29°	291.3	291.7	291.3	291.2	290.9	291.0
29.5°	289.8	290.1	289.8	289.8	289.3	289.6
30°	288.1	288.4	288.1	288.0	287.8	287.6
30.5°	286.6	287.2	286.6	286.4	285.9	286.3
31°	284.9	285.4	284.9	284.7	284.2	284.6
31.5°	283.2	283.7	283.2	283.0	282.5	283.0
32°	281.4	281.6	281.4	281.1	280.8	281.0
32.5°	279.8	279.9	279.8	279.7	278.9	279.5
33°	278.1	278.1	278.1	277.8	277.6	277.6
33.5°	276.2	276.1	276.2	276.2	275.5	276.2
34°	274.5	274.4	274.5	273.9	274.3	274.3
34.5°	272.6	272.8	272.6	272.4	272.2	272.1
35°	270.7	270.8	270.7	270.3	270.4	270.5
35.5°	269.0	268.7	269.0	268.5	268.6	268.4
36°	267.2	266.8	267.2	266.7	266.6	266.8
36.5°	265.1	264.9	265.1	264.8	264.4	264.4
37°	263.0	263.2	263.0	262.8	262.6	263.2
37.5°	261.5	261.4	261.5	261.2	260.6	260.3
38°	259.4	259.3	259.4	259.0	258.9	258.7
38.5°	257.4	257.3	257.4	256.8	256.6	256.6
39°	255.2	255.6	255.2	255.2	254.9	254.8
39.5°	253.2	253.3	253.2	253.2	252.7	252.8
40°	251.3	251.4	251.3	250.9	250.6	250.8
40.5°	249.3	249.3	249.3	248.8	248.5	248.7
41°	247.0	247.1	247.0	246.7	246.7	246.8
41.5°	244.9	245.1	244.9	244.7	244.3	244.6
42°	242.9	242.5	242.9	242.6	242.1	242.5
42.5°	240.9	240.5	240.9	240.4	240.0	240.4
43°	238.5	238.6	238.5	238.3	238.2	238.2
43.5°	236.3	236.3	236.3	235.9	235.8	236.1

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997225

CATALOG NUMBER: SMX6SLSFSD2W-900LM-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	229.7	229.6	229.7	229.3	229.1	229.5
45.5°	227.3	227.3	227.3	226.9	226.6	227.1
46°	225.1	225.0	225.1	224.7	224.5	224.7
46.5°	222.5	222.7	222.5	222.3	222.1	222.4
47°	220.3	220.4	220.3	220.1	219.9	220.2
47.5°	218.1	218.2	218.1	217.9	217.5	217.9
48°	215.8	216.0	215.8	215.5	215.2	215.4
48.5°	213.2	213.4	213.2	213.1	212.9	213.2
49°	211.1	210.9	211.1	210.7	210.5	211.0
49.5°	208.5	208.8	208.5	208.2	208.1	208.4
50°	206.2	206.3	206.2	205.6	205.6	205.9
50.5°	203.6	203.8	203.6	203.1	203.1	203.5
51°	201.2	201.2	201.2	200.6	200.7	201.1
51.5°	198.6	198.9	198.6	198.3	198.3	198.5
52°	196.1	196.4	196.1	195.6	195.7	195.9
52.5°	193.6	193.8	193.6	193.4	193.2	193.2
53°	191.0	191.1	191.0	190.9	190.7	190.9
53.5°	188.2	188.7	188.2	188.4	188.1	188.5
54°	186.0	186.1	186.0	185.7	185.5	185.9
54.5°	183.5	183.5	183.5	183.1	182.9	183.3
55°	180.8	181.0	180.8	180.5	180.4	180.7
55.5°	178.1	178.4	178.1	177.9	177.8	178.2
56°	175.4	175.6	175.4	175.2	175.1	175.4
56.5°	172.8	172.8	172.8	172.6	172.4	172.8
57°	170.2	170.3	170.2	169.9	169.7	170.0
57.5°	167.6	167.6	167.6	167.2	167.0	167.3
58°	164.8	164.9	164.8	164.6	164.3	164.6
58.5°	162.0	162.1	162.0	161.9	161.7	162.0
59°	159.2	159.5	159.2	158.9	159.0	159.4
59.5°	156.5	156.7	156.5	156.1	156.2	156.5
60°	153.7	153.9	153.7	153.4	153.5	153.7
60.5°	151.0	151.2	151.0	150.7	150.7	151.0
61°	148.2	148.3	148.2	147.9	147.9	148.0
61.5°	145.4	145.5	145.4	145.1	145.0	145.2
62°	142.6	142.7	142.6	142.2	142.3	142.3
62.5°	139.8	139.8	139.8	139.5	139.5	139.4
63°	137.0	137.0	137.0	136.7	136.6	136.7
63.5°	134.0	134.3	134.0	133.9	133.8	133.8
64°	131.1	131.5	131.1	131.0	130.8	131.0
64.5°	128.2	128.5	128.2	128.2	128.0	128.1
65°	125.3	125.6	125.3	125.2	125.1	125.3
65.5°	122.4	122.5	122.4	122.3	122.1	122.2
66°	119.6	119.6	119.6	119.2	119.2	119.3

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997225

CATALOG NUMBER: SMX6SLSFSD2W-900LM-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	110.6	110.8	110.6	110.4	110.3	110.7
68°	107.7	107.9	107.7	107.5	107.5	107.7
68.5°	104.8	104.8	104.8	104.7	104.5	104.7
69°	101.8	101.8	101.8	101.4	101.5	101.7
69.5°	98.8	98.9	98.8	98.6	98.5	98.7
70°	95.8	95.8	95.8	95.7	95.6	95.8
70.5°	92.9	92.8	92.9	92.6	92.5	92.7
71°	89.8	89.8	89.8	89.6	89.6	89.7
71.5°	86.8	86.7	86.8	86.6	86.5	86.6
72°	83.8	83.8	83.8	83.5	83.5	83.6
72.5°	80.9	80.8	80.9	80.6	80.5	80.6
73°	77.8	77.8	77.8	77.6	77.5	77.5
73.5°	74.8	74.8	74.8	74.6	74.5	74.7
74°	71.7	71.9	71.7	71.7	71.7	71.8
74.5°	68.8	68.8	68.8	68.7	68.7	68.7
75°	65.8	65.8	65.8	65.7	65.7	65.7
75.5°	62.9	62.9	62.9	62.7	62.7	62.7
76°	59.8	59.9	59.8	59.7	59.7	59.8
76.5°	56.9	56.9	56.9	56.8	56.7	56.8
77°	54.1	54.1	54.1	53.9	53.9	53.9
77.5°	51.2	51.2	51.2	51.1	51.0	51.1
78°	48.4	48.4	48.4	48.3	48.2	48.3
78.5°	45.6	45.6	45.6	45.4	45.4	45.5
79°	42.8	42.8	42.8	42.6	42.6	42.7
79.5°	40.0	40.0	40.0	39.8	39.8	39.9
80°	37.2	37.2	37.2	37.1	37.0	37.1
80.5°	34.5	34.5	34.5	34.3	34.3	34.3
81°	31.8	31.8	31.8	31.7	31.7	31.7
81.5°	29.1	29.2	29.1	29.1	29.0	29.1
82°	26.6	26.6	26.6	26.4	26.3	26.4
82.5°	24.1	24.2	24.1	24.0	23.8	23.8
83°	21.7	21.9	21.7	21.5	21.5	21.5
83.5°	19.4	19.5	19.4	19.2	19.1	19.1
84°	17.2	17.2	17.2	17.1	16.9	16.9
84.5°	15.0	15.2	15.0	14.9	14.9	14.9
85°	13.0	13.2	13.0	12.8	12.8	12.8
85.5°	11.1	11.3	11.1	11.0	10.8	10.8
86°	9.3	9.5	9.3	9.2	9.0	9.0
86.5°	7.7	7.9	7.7	7.5	7.4	7.3
87°	6.1	6.4	6.1	6.0	5.9	5.8
87.5°	4.8	5.1	4.8	4.7	4.5	4.4
88°	3.6	3.9	3.6	3.4	3.3	3.3
88.5°	2.6	2.9	2.6	2.4	2.2	2.2

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Scaled Data Report



TEST NUMBER: P997225
CATALOG NUMBER: SMX6SLSFSD2W-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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Scaled Data Report

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Peachtree City, GA 30269



Report Generated By 670245859 / DESKTOP-T8S5UU9

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

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21.5°	312.5	311.7	311.8	312.2	312.5	312.2	311.8	311.7	312.5	311.7	311.8
22°	311.2	310.4	311.0	311.4	311.0	311.4	311.0	310.4	311.2	310.4	311.0



44°	234.0	233.5	233.8	234.3	234.1	234.3	233.8	233.5	234.0	233.5	233.8
44.5°	231.5	231.2	231.5	231.9	231.9	231.9	231.5	231.2	231.5	231.2	231.5



66.5°	116.5	116.2	116.3	116.6	116.6	116.3	116.2	116.5	116.2	116.3
67°	113.6	113.3	113.4	113.5	113.5	113.4	113.3	113.6	113.3	113.4

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89°	1.3	1.4	1.6	1.8	2.1	1.8	1.6	1.4	1.3	1.4	1.6
89.5°	0.7	0.8	1.0	1.2	1.4	1.2	1.0	0.8	0.7	0.8	1.0

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21.5°	312.2	312.5	312.2	311.8	311.7	312.5
22°	311.4	311.0	311.4	311.0	310.4	311.2

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44°	234.3	234.1	234.3	233.8	233.5	234.0
44.5°	231.9	231.9	231.9	231.5	231.2	231.5

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66.5°	116.6	116.6	116.6	116.3	116.2	116.5
67°	113.5	113.8	113.5	113.4	113.3	113.6

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89°	1.8	2.1	1.8	1.6	1.4	1.3
89.5°	1.2	1.4	1.2	1.0	0.8	0.7

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(END OF REPORT)