

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: P997221

Luminaire Tested: **SMX6SLSFSD2W-900LM-2700K**

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: P997221
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-2700K
Description: 6IN SQAURE, 90CRI, DIMMING TO 10%, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 2700K CCT
Ballast/Driver: -

Summary

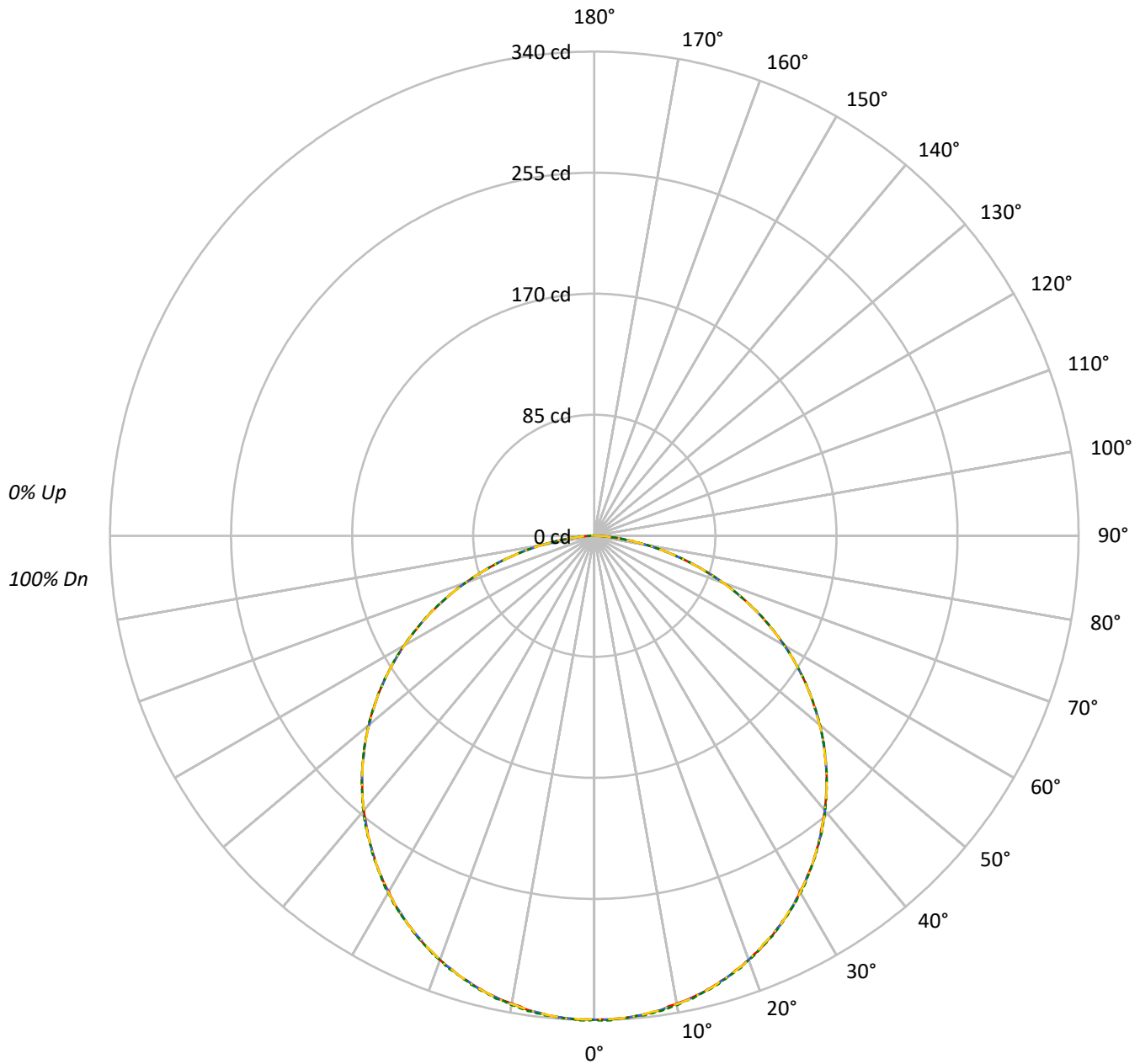
Lumens per Lamp: N/A
Luminaire Lumens: 984.0 lumens
Efficiency: N/A
Efficacy: 104.7 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.27 / 1.38
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 9.4
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



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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°	14630	14630	14630	14630
5°	14630	14626	14630	14626
10°	14581	14633	14581	14633
15°	14567	14589	14567	14589
20°	14525	14534	14525	14534
25°	14442	14475	14442	14475
30°	14348	14393	14348	14393
35°	14270	14286	14270	14286
40°	14147	14181	14147	14181
45°	14023	14035	14023	14035
50°	13839	13865	13839	13865
55°	13617	13639	13617	13639
60°	13287	13304	13287	13304
65°	12806	12847	12806	12847
70°	12110	12110	12110	12110
75°	10963	10979	10963	10979
80°	9224	9248	9224	9248
85°	6323	6570	6323	6570



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.2	3.3
10°-20°	92.3	9.4
20°-30°	140.2	14.2
30°-40°	169.9	17.3
40°-50°	177.5	18.0
50°-60°	161.9	16.4
60°-70°	124.2	12.6
70°-80°	69.8	7.1
80°-90°	16.2	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°	264.6	26.9
0°-40°	434.5	44.2
0°-60°	773.9	78.6
0°-90°	984.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	984.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	340	340	340	340	340	
5°	338	338	338	338	338	32
15°	327	327	327	327	327	92
25°	304	305	304	305	304	140
35°	272	272	272	272	272	170
45°	230	230	230	230	230	178
55°	181	182	181	182	181	162
65°	126	126	126	126	126	124
75°	66	66	66	66	66	70
85°	13	13	13	13	13	16
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°	339.8	339.8	339.8	339.8	339.8	339.8	339.8	339.8	339.8	339.8	339.8
0.5°	339.8	339.7	339.6	340.2	340.4	340.2	339.6	339.7	339.8	339.7	339.6
1°	339.7	339.7	339.8	340.1	340.5	340.1	339.8	339.7	339.7	339.7	339.8
1.5°	340.0	339.4	339.8	340.0	340.4	340.0	339.8	339.4	340.0	339.4	339.8
2°	340.0	339.3	339.7	340.1	340.5	340.1	339.7	339.3	340.0	339.3	339.7
2.5°	339.6	339.3	339.4	339.9	339.7	339.9	339.4	339.3	339.6	339.3	339.4
3°	339.5	338.9	339.4	339.8	339.5	339.8	339.4	338.9	339.5	338.9	339.4
3.5°	339.4	338.8	339.3	339.5	339.3	339.5	339.3	338.8	339.4	338.8	339.3
4°	339.0	338.8	339.1	339.2	339.5	339.2	339.1	338.8	339.0	338.8	339.1
4.5°	338.9	338.3	338.8	338.8	339.0	338.8	338.8	338.3	338.9	338.3	338.8
5°	338.5	337.9	338.6	338.5	338.4	338.5	338.6	337.9	338.5	337.9	338.6
5.5°	338.6	337.9	338.1	338.2	338.6	338.2	338.1	337.9	338.6	337.9	338.1
6°	337.6	337.4	337.8	338.1	338.6	338.1	337.8	337.4	337.6	337.4	337.8
6.5°	337.5	337.1	337.3	337.4	337.8	337.4	337.3	337.1	337.5	337.1	337.3
7°	337.1	336.8	336.9	337.3	337.8	337.3	336.9	336.8	337.1	336.8	336.9
7.5°	336.7	336.3	336.7	336.5	336.9	336.5	336.7	336.3	336.7	336.3	336.7
8°	336.3	335.5	336.4	336.3	337.0	336.3	336.4	335.5	336.3	335.5	336.4
8.5°	335.6	335.4	335.6	335.8	336.2	335.8	335.6	335.4	335.6	335.4	335.6
9°	334.4	334.8	335.0	335.5	335.7	335.5	335.0	334.8	334.4	334.8	335.0
9.5°	334.1	334.5	334.4	335.2	335.0	335.2	334.4	334.5	334.1	334.5	334.4
10°	333.5	334.0	333.9	334.5	334.7	334.5	333.9	334.0	333.5	334.0	333.9
10.5°	333.0	333.1	333.5	333.8	334.0	333.8	333.5	333.1	333.0	333.1	333.5
11°	332.6	332.4	332.9	333.4	332.9	333.4	332.9	332.4	332.6	332.4	332.9
11.5°	332.0	331.8	332.4	332.3	332.6	332.3	332.4	331.8	332.0	331.8	332.4
12°	331.4	331.0	331.4	331.9	332.3	331.9	331.4	331.0	331.4	331.0	331.4
12.5°	330.6	330.5	330.9	331.2	331.2	331.2	330.9	330.5	330.6	330.5	330.9
13°	330.1	329.7	330.0	330.2	330.5	330.2	330.0	329.7	330.1	329.7	330.0
13.5°	329.4	328.9	329.6	329.3	329.5	329.3	329.6	328.9	329.4	328.9	329.6
14°	328.3	328.3	328.6	328.6	329.2	328.6	328.6	328.3	328.3	328.3	328.6
14.5°	327.8	327.4	327.9	327.9	328.3	327.9	327.9	327.4	327.8	327.4	327.9
15°	326.8	326.7	327.1	327.0	327.3	327.0	327.1	326.7	326.8	326.7	327.1
15.5°	326.0	325.7	325.8	326.2	326.6	326.2	325.8	325.7	326.0	325.7	325.8
16°	324.8	324.9	325.1	325.4	325.1	325.4	325.1	324.9	324.8	324.9	325.1
16.5°	324.1	323.8	324.2	324.4	324.6	324.4	324.2	323.8	324.1	323.8	324.2
17°	323.3	322.9	323.3	323.7	323.2	323.7	323.3	322.9	323.3	322.9	323.3
17.5°	322.2	321.8	322.2	322.2	322.5	322.2	322.2	321.8	322.2	321.8	322.2
18°	320.8	320.7	321.1	321.4	321.5	321.4	321.1	320.7	320.8	320.7	321.1
18.5°	320.1	320.1	320.0	320.3	320.8	320.3	320.0	320.1	320.1	320.1	320.0
19°	319.1	318.9	319.3	319.3	319.9	319.3	319.3	318.9	319.1	318.9	319.3
19.5°	317.9	317.4	318.2	318.0	318.0	318.0	318.2	317.4	317.9	317.4	318.2
20°	317.0	316.7	316.9	317.1	317.2	317.1	316.9	316.7	317.0	316.7	316.9
20.5°	315.7	315.1	315.6	315.7	316.1	315.7	315.6	315.1	315.7	315.1	315.6
21°	314.3	314.3	314.3	314.7	315.1	314.7	314.3	314.3	314.3	314.3	314.3

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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°	311.1	310.2	310.3	311.4	311.1	311.4	310.3	310.2	311.1	310.2	310.3
23°	309.7	309.1	309.3	310.2	309.9	310.2	309.3	309.1	309.7	309.1	309.3
23.5°	308.3	307.7	308.1	308.7	308.6	308.7	308.1	307.7	308.3	307.7	308.1
24°	307.3	306.5	306.9	307.2	307.5	307.2	306.9	306.5	307.3	306.5	306.9
24.5°	305.7	305.2	305.4	305.6	306.0	305.6	305.4	305.2	305.7	305.2	305.4
25°	304.0	304.0	304.3	304.4	304.7	304.4	304.3	304.0	304.0	304.0	304.3
25.5°	302.8	302.5	303.0	303.1	303.0	303.1	303.0	302.5	302.8	302.5	303.0
26°	301.2	301.2	301.4	301.5	301.8	301.5	301.4	301.2	301.2	301.2	301.4
26.5°	300.1	299.6	300.0	300.1	300.2	300.1	300.0	299.6	300.1	299.6	300.0
27°	298.5	298.2	298.2	298.7	299.0	298.7	298.2	298.2	298.5	298.2	298.2
27.5°	297.1	296.6	296.8	297.2	297.4	297.2	296.8	296.6	297.1	296.6	296.8
28°	295.5	295.2	295.5	295.8	296.0	295.8	295.5	295.2	295.5	295.2	295.5
28.5°	294.0	293.5	294.0	294.2	294.6	294.2	294.0	293.5	294.0	293.5	294.0
29°	292.1	291.9	292.2	292.4	292.8	292.4	292.2	291.9	292.1	291.9	292.2
29.5°	290.6	290.4	290.8	290.8	291.1	290.8	290.8	290.4	290.6	290.4	290.8
30°	288.6	288.9	289.1	289.2	289.5	289.2	289.1	288.9	288.6	288.9	289.1
30.5°	287.3	287.0	287.4	287.6	288.3	287.6	287.4	287.0	287.3	287.0	287.4
31°	285.7	285.2	285.7	285.9	286.4	285.9	285.7	285.2	285.7	285.2	285.7
31.5°	284.0	283.5	284.0	284.2	284.7	284.2	284.0	283.5	284.0	283.5	284.0
32°	282.0	281.8	282.1	282.5	282.6	282.5	282.1	281.8	282.0	281.8	282.1
32.5°	280.6	279.9	280.7	280.8	280.9	280.8	280.7	279.9	280.6	279.9	280.7
33°	278.6	278.6	278.8	279.1	279.1	279.1	278.8	278.6	278.6	278.6	278.8
33.5°	277.1	276.4	277.2	277.2	277.1	277.2	277.2	276.4	277.1	276.4	277.2
34°	275.3	275.3	274.9	275.4	275.4	275.4	274.9	275.3	275.3	275.3	274.9
34.5°	273.1	273.1	273.3	273.6	273.8	273.6	273.3	273.1	273.1	273.1	273.3
35°	271.5	271.4	271.2	271.7	271.8	271.7	271.2	271.4	271.5	271.4	271.2
35.5°	269.3	269.6	269.5	270.0	269.7	270.0	269.5	269.6	269.3	269.6	269.5
36°	267.8	267.6	267.6	268.2	267.7	268.2	267.6	267.6	267.8	267.6	267.6
36.5°	265.4	265.4	265.7	266.0	265.8	266.0	265.7	265.4	265.4	265.4	265.7
37°	264.1	263.5	263.7	263.9	264.2	263.9	263.7	263.5	264.1	263.5	263.7
37.5°	261.3	261.6	262.1	262.4	262.4	262.4	262.1	261.6	261.3	261.6	262.1
38°	259.6	259.8	259.9	260.3	260.3	260.3	259.9	259.8	259.6	259.8	259.9
38.5°	257.5	257.6	257.7	258.4	258.3	258.4	257.7	257.6	257.5	257.6	257.7
39°	255.7	255.8	256.1	256.2	256.5	256.2	256.1	255.8	255.7	255.8	256.1
39.5°	253.7	253.6	254.1	254.1	254.2	254.1	254.1	253.6	253.7	253.6	254.1
40°	251.7	251.5	251.8	252.2	252.3	252.2	251.8	251.5	251.7	251.5	251.8
40.5°	249.6	249.4	249.6	250.2	250.2	250.2	249.6	249.4	249.6	249.4	249.6
41°	247.7	247.6	247.6	247.9	248.0	247.9	247.6	247.6	247.7	247.6	247.6
41.5°	245.5	245.1	245.6	245.8	246.0	245.8	245.6	245.1	245.5	245.1	245.6
42°	243.4	243.0	243.5	243.8	243.4	243.8	243.5	243.0	243.4	243.0	243.5
42.5°	241.3	240.9	241.3	241.8	241.4	241.8	241.3	240.9	241.3	240.9	241.3
43°	239.0	239.0	239.1	239.4	239.4	239.4	239.1	239.0	239.0	239.0	239.1
43.5°	236.9	236.7	236.8	237.1	237.2	237.1	236.8	236.7	236.9	236.7	236.8

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	230.3	229.9	230.1	230.6	230.5	230.6	230.1	229.9	230.3	229.9	230.1
45.5°	227.9	227.4	227.8	228.2	228.1	228.2	227.8	227.4	227.9	227.4	227.8
46°	225.5	225.3	225.5	225.9	225.8	225.9	225.5	225.3	225.5	225.3	225.5
46.5°	223.2	222.9	223.1	223.3	223.5	223.3	223.1	222.9	223.2	222.9	223.1
47°	221.0	220.7	220.9	221.1	221.2	221.1	220.9	220.7	221.0	220.7	220.9
47.5°	218.7	218.3	218.6	218.9	219.0	218.9	218.6	218.3	218.7	218.3	218.6
48°	216.2	215.9	216.2	216.5	216.7	216.5	216.2	215.9	216.2	215.9	216.2
48.5°	214.0	213.6	213.9	213.9	214.1	213.9	213.9	213.6	214.0	213.6	213.9
49°	211.7	211.3	211.5	211.9	211.7	211.9	211.5	211.3	211.7	211.3	211.5
49.5°	209.1	208.9	209.0	209.2	209.6	209.2	209.0	208.9	209.1	208.9	209.0
50°	206.6	206.4	206.3	206.9	207.0	206.9	206.3	206.4	206.6	206.4	206.3
50.5°	204.2	203.9	203.9	204.4	204.5	204.4	203.9	203.9	204.2	203.9	203.9
51°	201.8	201.4	201.3	201.9	202.0	201.9	201.3	201.4	201.8	201.4	201.3
51.5°	199.2	199.0	199.0	199.4	199.6	199.4	199.0	199.0	199.2	199.0	199.0
52°	196.6	196.4	196.3	196.8	197.1	196.8	196.3	196.4	196.6	196.4	196.3
52.5°	193.9	193.8	194.0	194.3	194.5	194.3	194.0	193.8	193.9	193.8	194.0
53°	191.5	191.3	191.6	191.7	191.8	191.7	191.6	191.3	191.5	191.3	191.6
53.5°	189.2	188.8	189.1	188.9	189.4	188.9	189.1	188.8	189.2	188.8	189.1
54°	186.6	186.2	186.4	186.7	186.8	186.7	186.4	186.2	186.6	186.2	186.4
54.5°	183.9	183.6	183.7	184.1	184.1	184.1	183.7	183.6	183.9	183.6	183.7
55°	181.4	181.0	181.2	181.5	181.7	181.5	181.2	181.0	181.4	181.0	181.2
55.5°	178.8	178.4	178.5	178.7	179.1	178.7	178.5	178.4	178.8	178.4	178.5
56°	176.1	175.7	175.9	176.0	176.3	176.0	175.9	175.7	176.1	175.7	175.9
56.5°	173.4	173.1	173.2	173.4	173.5	173.4	173.2	173.1	173.4	173.1	173.2
57°	170.6	170.3	170.5	170.8	170.9	170.8	170.5	170.3	170.6	170.3	170.5
57.5°	167.9	167.6	167.8	168.2	168.2	168.2	167.8	167.6	167.9	167.6	167.8
58°	165.2	164.9	165.2	165.4	165.5	165.4	165.2	164.9	165.2	164.9	165.2
58.5°	162.6	162.3	162.5	162.6	162.7	162.6	162.5	162.3	162.6	162.3	162.5
59°	159.9	159.6	159.5	159.8	160.0	159.8	159.5	159.6	159.9	159.6	159.5
59.5°	157.1	156.8	156.7	157.0	157.2	157.0	156.7	156.8	157.1	156.8	156.7
60°	154.3	154.0	154.0	154.3	154.5	154.3	154.0	154.0	154.3	154.0	154.0
60.5°	151.5	151.2	151.2	151.5	151.7	151.5	151.2	151.2	151.5	151.2	151.2
61°	148.5	148.4	148.4	148.7	148.8	148.7	148.4	148.4	148.5	148.4	148.4
61.5°	145.7	145.6	145.7	145.9	146.0	145.9	145.7	145.6	145.7	145.6	145.7
62°	142.8	142.8	142.8	143.1	143.2	143.1	142.8	142.8	142.8	142.8	142.8
62.5°	140.0	140.0	140.0	140.3	140.3	140.3	140.0	140.0	140.0	140.0	140.0
63°	137.2	137.1	137.2	137.5	137.5	137.5	137.2	137.1	137.2	137.1	137.2
63.5°	134.2	134.3	134.4	134.5	134.8	134.5	134.4	134.3	134.2	134.3	134.4
64°	131.4	131.3	131.5	131.6	132.0	131.6	131.5	131.3	131.4	131.3	131.5
64.5°	128.5	128.5	128.6	128.6	129.0	128.6	128.6	128.5	128.5	128.5	128.6
65°	125.7	125.5	125.6	125.7	126.1	125.7	125.6	125.5	125.7	125.5	125.6
65.5°	122.7	122.5	122.7	122.9	123.0	122.9	122.7	122.5	122.7	122.5	122.7
66°	119.7	119.6	119.7	120.0	120.1	120.0	119.7	119.6	119.7	119.6	119.7

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997221

CATALOG NUMBER: SMX6SLSFSD2W-900LM-2700K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	111.1	110.7	110.8	111.0	111.2	111.0	110.8	110.7	111.1	110.7	110.8
68°	108.1	107.8	107.9	108.0	108.2	108.0	107.9	107.8	108.1	107.8	107.9
68.5°	105.0	104.9	105.0	105.2	105.2	105.2	105.0	104.9	105.0	104.9	105.0
69°	102.1	101.9	101.8	102.1	102.2	102.1	101.8	101.9	102.1	101.9	101.8
69.5°	99.1	98.9	98.9	99.1	99.2	99.1	98.9	98.9	99.1	98.9	98.9
70°	96.2	96.0	96.0	96.1	96.2	96.1	96.0	96.0	96.2	96.0	96.0
70.5°	93.0	92.8	93.0	93.2	93.1	93.2	93.0	92.8	93.0	92.8	93.0
71°	90.1	89.9	90.0	90.2	90.1	90.2	90.0	89.9	90.1	89.9	90.0
71.5°	87.0	86.8	87.0	87.1	87.1	87.1	87.0	86.8	87.0	86.8	87.0
72°	83.9	83.8	83.8	84.1	84.1	84.1	83.8	83.8	83.9	83.8	83.8
72.5°	80.9	80.8	80.9	81.2	81.0	81.2	80.9	80.8	80.9	80.8	80.9
73°	77.8	77.8	77.8	78.1	78.1	78.1	77.8	77.8	77.8	77.8	77.8
73.5°	74.9	74.8	74.8	75.0	75.0	75.0	74.8	74.8	74.9	74.8	74.8
74°	72.0	71.9	71.9	72.0	72.1	72.0	71.9	71.9	72.0	71.9	71.9
74.5°	68.9	68.9	68.9	69.0	69.1	69.0	68.9	68.9	68.9	68.9	68.9
75°	65.9	65.9	65.9	66.1	66.0	66.1	65.9	65.9	65.9	65.9	65.9
75.5°	63.0	62.9	62.9	63.1	63.1	63.1	62.9	62.9	63.0	62.9	62.9
76°	60.0	59.9	60.0	60.0	60.1	60.0	60.0	59.9	60.0	59.9	60.0
76.5°	57.0	56.9	57.0	57.2	57.1	57.2	57.0	56.9	57.0	56.9	57.0
77°	54.1	54.1	54.1	54.3	54.3	54.3	54.1	54.1	54.1	54.1	54.1
77.5°	51.2	51.2	51.3	51.4	51.4	51.4	51.3	51.2	51.2	51.2	51.3
78°	48.4	48.3	48.4	48.6	48.6	48.6	48.4	48.3	48.4	48.3	48.4
78.5°	45.7	45.6	45.5	45.8	45.8	45.8	45.5	45.6	45.7	45.6	45.5
79°	42.9	42.8	42.8	42.9	43.0	42.9	42.8	42.8	42.9	42.8	42.8
79.5°	40.0	40.0	40.0	40.1	40.2	40.1	40.0	40.0	40.0	40.0	40.0
80°	37.2	37.2	37.2	37.3	37.3	37.3	37.2	37.2	37.2	37.2	37.2
80.5°	34.5	34.4	34.4	34.7	34.6	34.7	34.4	34.4	34.5	34.4	34.4
81°	31.8	31.8	31.8	31.9	31.9	31.9	31.8	31.8	31.8	31.8	31.8
81.5°	29.2	29.1	29.2	29.2	29.3	29.2	29.2	29.1	29.2	29.1	29.2
82°	26.5	26.4	26.5	26.7	26.7	26.7	26.5	26.4	26.5	26.4	26.5
82.5°	23.9	23.9	24.1	24.2	24.3	24.2	24.1	23.9	23.9	23.9	24.1
83°	21.6	21.6	21.6	21.8	21.9	21.8	21.6	21.6	21.6	21.6	21.6
83.5°	19.2	19.2	19.3	19.5	19.6	19.5	19.3	19.2	19.2	19.2	19.3
84°	17.0	17.0	17.1	17.2	17.3	17.2	17.1	17.0	17.0	17.0	17.1
84.5°	14.9	14.9	14.9	15.1	15.2	15.1	14.9	14.9	14.9	14.9	14.9
85°	12.8	12.8	12.8	13.1	13.3	13.1	12.8	12.8	12.8	12.8	12.8
85.5°	10.8	10.9	11.0	11.1	11.3	11.1	11.0	10.9	10.8	10.9	11.0
86°	9.0	9.1	9.2	9.4	9.6	9.4	9.2	9.1	9.0	9.1	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: P997221
CATALOG NUMBER: SMX6SLSFSD2W-900LM-2700K

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: P997221

CATALOG NUMBER: SMX6SLSFSD2W-900LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	339.8	339.8	339.8	339.8	339.8	339.8
0.5°	340.2	340.4	340.2	339.6	339.7	339.8
1°	340.1	340.5	340.1	339.8	339.7	339.7
1.5°	340.0	340.4	340.0	339.8	339.4	340.0
2°	340.1	340.5	340.1	339.7	339.3	340.0
2.5°	339.9	339.7	339.9	339.4	339.3	339.6
3°	339.8	339.5	339.8	339.4	338.9	339.5
3.5°	339.5	339.3	339.5	339.3	338.8	339.4
4°	339.2	339.5	339.2	339.1	338.8	339.0
4.5°	338.8	339.0	338.8	338.8	338.3	338.9
5°	338.5	338.4	338.5	338.6	337.9	338.5
5.5°	338.2	338.6	338.2	338.1	337.9	338.6
6°	338.1	338.6	338.1	337.8	337.4	337.6
6.5°	337.4	337.8	337.4	337.3	337.1	337.5
7°	337.3	337.8	337.3	336.9	336.8	337.1
7.5°	336.5	336.9	336.5	336.7	336.3	336.7
8°	336.3	337.0	336.3	336.4	335.5	336.3
8.5°	335.8	336.2	335.8	335.6	335.4	335.6
9°	335.5	335.7	335.5	335.0	334.8	334.4
9.5°	335.2	335.0	335.2	334.4	334.5	334.1
10°	334.5	334.7	334.5	333.9	334.0	333.5
10.5°	333.8	334.0	333.8	333.5	333.1	333.0
11°	333.4	332.9	333.4	332.9	332.4	332.6
11.5°	332.3	332.6	332.3	332.4	331.8	332.0
12°	331.9	332.3	331.9	331.4	331.0	331.4
12.5°	331.2	331.2	331.2	330.9	330.5	330.6
13°	330.2	330.5	330.2	330.0	329.7	330.1
13.5°	329.3	329.5	329.3	329.6	328.9	329.4
14°	328.6	329.2	328.6	328.6	328.3	328.3
14.5°	327.9	328.3	327.9	327.9	327.4	327.8
15°	327.0	327.3	327.0	327.1	326.7	326.8
15.5°	326.2	326.6	326.2	325.8	325.7	326.0
16°	325.4	325.1	325.4	325.1	324.9	324.8
16.5°	324.4	324.6	324.4	324.2	323.8	324.1
17°	323.7	323.2	323.7	323.3	322.9	323.3
17.5°	322.2	322.5	322.2	322.2	321.8	322.2
18°	321.4	321.5	321.4	321.1	320.7	320.8
18.5°	320.3	320.8	320.3	320.0	320.1	320.1
19°	319.3	319.9	319.3	319.3	318.9	319.1
19.5°	318.0	318.0	318.0	318.2	317.4	317.9
20°	317.1	317.2	317.1	316.9	316.7	317.0
20.5°	315.7	316.1	315.7	315.6	315.1	315.7
21°	314.7	315.1	314.7	314.3	314.3	314.3

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997221

CATALOG NUMBER: SMX6SLSFSD2W-900LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	311.4	311.1	311.4	310.3	310.2	311.1
23°	310.2	309.9	310.2	309.3	309.1	309.7
23.5°	308.7	308.6	308.7	308.1	307.7	308.3
24°	307.2	307.5	307.2	306.9	306.5	307.3
24.5°	305.6	306.0	305.6	305.4	305.2	305.7
25°	304.4	304.7	304.4	304.3	304.0	304.0
25.5°	303.1	303.0	303.1	303.0	302.5	302.8
26°	301.5	301.8	301.5	301.4	301.2	301.2
26.5°	300.1	300.2	300.1	300.0	299.6	300.1
27°	298.7	299.0	298.7	298.2	298.2	298.5
27.5°	297.2	297.4	297.2	296.8	296.6	297.1
28°	295.8	296.0	295.8	295.5	295.2	295.5
28.5°	294.2	294.6	294.2	294.0	293.5	294.0
29°	292.4	292.8	292.4	292.2	291.9	292.1
29.5°	290.8	291.1	290.8	290.8	290.4	290.6
30°	289.2	289.5	289.2	289.1	288.9	288.6
30.5°	287.6	288.3	287.6	287.4	287.0	287.3
31°	285.9	286.4	285.9	285.7	285.2	285.7
31.5°	284.2	284.7	284.2	284.0	283.5	284.0
32°	282.5	282.6	282.5	282.1	281.8	282.0
32.5°	280.8	280.9	280.8	280.7	279.9	280.6
33°	279.1	279.1	279.1	278.8	278.6	278.6
33.5°	277.2	277.1	277.2	277.2	276.4	277.1
34°	275.4	275.4	275.4	274.9	275.3	275.3
34.5°	273.6	273.8	273.6	273.3	273.1	273.1
35°	271.7	271.8	271.7	271.2	271.4	271.5
35.5°	270.0	269.7	270.0	269.5	269.6	269.3
36°	268.2	267.7	268.2	267.6	267.6	267.8
36.5°	266.0	265.8	266.0	265.7	265.4	265.4
37°	263.9	264.2	263.9	263.7	263.5	264.1
37.5°	262.4	262.4	262.4	262.1	261.6	261.3
38°	260.3	260.3	260.3	259.9	259.8	259.6
38.5°	258.4	258.3	258.4	257.7	257.6	257.5
39°	256.2	256.5	256.2	256.1	255.8	255.7
39.5°	254.1	254.2	254.1	254.1	253.6	253.7
40°	252.2	252.3	252.2	251.8	251.5	251.7
40.5°	250.2	250.2	250.2	249.6	249.4	249.6
41°	247.9	248.0	247.9	247.6	247.6	247.7
41.5°	245.8	246.0	245.8	245.6	245.1	245.5
42°	243.8	243.4	243.8	243.5	243.0	243.4
42.5°	241.8	241.4	241.8	241.3	240.9	241.3
43°	239.4	239.4	239.4	239.1	239.0	239.0
43.5°	237.1	237.2	237.1	236.8	236.7	236.9

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997221

CATALOG NUMBER: SMX6SLSFSD2W-900LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	230.6	230.5	230.6	230.1	229.9	230.3
45.5°	228.2	228.1	228.2	227.8	227.4	227.9
46°	225.9	225.8	225.9	225.5	225.3	225.5
46.5°	223.3	223.5	223.3	223.1	222.9	223.2
47°	221.1	221.2	221.1	220.9	220.7	221.0
47.5°	218.9	219.0	218.9	218.6	218.3	218.7
48°	216.5	216.7	216.5	216.2	215.9	216.2
48.5°	213.9	214.1	213.9	213.9	213.6	214.0
49°	211.9	211.7	211.9	211.5	211.3	211.7
49.5°	209.2	209.6	209.2	209.0	208.9	209.1
50°	206.9	207.0	206.9	206.3	206.4	206.6
50.5°	204.4	204.5	204.4	203.9	203.9	204.2
51°	201.9	202.0	201.9	201.3	201.4	201.8
51.5°	199.4	199.6	199.4	199.0	199.0	199.2
52°	196.8	197.1	196.8	196.3	196.4	196.6
52.5°	194.3	194.5	194.3	194.0	193.8	193.9
53°	191.7	191.8	191.7	191.6	191.3	191.5
53.5°	188.9	189.4	188.9	189.1	188.8	189.2
54°	186.7	186.8	186.7	186.4	186.2	186.6
54.5°	184.1	184.1	184.1	183.7	183.6	183.9
55°	181.5	181.7	181.5	181.2	181.0	181.4
55.5°	178.7	179.1	178.7	178.5	178.4	178.8
56°	176.0	176.3	176.0	175.9	175.7	176.1
56.5°	173.4	173.5	173.4	173.2	173.1	173.4
57°	170.8	170.9	170.8	170.5	170.3	170.6
57.5°	168.2	168.2	168.2	167.8	167.6	167.9
58°	165.4	165.5	165.4	165.2	164.9	165.2
58.5°	162.6	162.7	162.6	162.5	162.3	162.6
59°	159.8	160.0	159.8	159.5	159.6	159.9
59.5°	157.0	157.2	157.0	156.7	156.8	157.1
60°	154.3	154.5	154.3	154.0	154.0	154.3
60.5°	151.5	151.7	151.5	151.2	151.2	151.5
61°	148.7	148.8	148.7	148.4	148.4	148.5
61.5°	145.9	146.0	145.9	145.7	145.6	145.7
62°	143.1	143.2	143.1	142.8	142.8	142.8
62.5°	140.3	140.3	140.3	140.0	140.0	140.0
63°	137.5	137.5	137.5	137.2	137.1	137.2
63.5°	134.5	134.8	134.5	134.4	134.3	134.2
64°	131.6	132.0	131.6	131.5	131.3	131.4
64.5°	128.6	129.0	128.6	128.6	128.5	128.5
65°	125.7	126.1	125.7	125.6	125.5	125.7
65.5°	122.9	123.0	122.9	122.7	122.5	122.7
66°	120.0	120.1	120.0	119.7	119.6	119.7

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997221

CATALOG NUMBER: SMX6SLSFSD2W-900LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	111.0	111.2	111.0	110.8	110.7	111.1
68°	108.0	108.2	108.0	107.9	107.8	108.1
68.5°	105.2	105.2	105.2	105.0	104.9	105.0
69°	102.1	102.2	102.1	101.8	101.9	102.1
69.5°	99.1	99.2	99.1	98.9	98.9	99.1
70°	96.1	96.2	96.1	96.0	96.0	96.2
70.5°	93.2	93.1	93.2	93.0	92.8	93.0
71°	90.2	90.1	90.2	90.0	89.9	90.1
71.5°	87.1	87.1	87.1	87.0	86.8	87.0
72°	84.1	84.1	84.1	83.8	83.8	83.9
72.5°	81.2	81.0	81.2	80.9	80.8	80.9
73°	78.1	78.1	78.1	77.8	77.8	77.8
73.5°	75.0	75.0	75.0	74.8	74.8	74.9
74°	72.0	72.1	72.0	71.9	71.9	72.0
74.5°	69.0	69.1	69.0	68.9	68.9	68.9
75°	66.1	66.0	66.1	65.9	65.9	65.9
75.5°	63.1	63.1	63.1	62.9	62.9	63.0
76°	60.0	60.1	60.0	60.0	59.9	60.0
76.5°	57.2	57.1	57.2	57.0	56.9	57.0
77°	54.3	54.3	54.3	54.1	54.1	54.1
77.5°	51.4	51.4	51.4	51.3	51.2	51.2
78°	48.6	48.6	48.6	48.4	48.3	48.4
78.5°	45.8	45.8	45.8	45.5	45.6	45.7
79°	42.9	43.0	42.9	42.8	42.8	42.9
79.5°	40.1	40.2	40.1	40.0	40.0	40.0
80°	37.3	37.3	37.3	37.2	37.2	37.2
80.5°	34.7	34.6	34.7	34.4	34.4	34.5
81°	31.9	31.9	31.9	31.8	31.8	31.8
81.5°	29.2	29.3	29.2	29.2	29.1	29.2
82°	26.7	26.7	26.7	26.5	26.4	26.5
82.5°	24.2	24.3	24.2	24.1	23.9	23.9
83°	21.8	21.9	21.8	21.6	21.6	21.6
83.5°	19.5	19.6	19.5	19.3	19.2	19.2
84°	17.2	17.3	17.2	17.1	17.0	17.0
84.5°	15.1	15.2	15.1	14.9	14.9	14.9
85°	13.1	13.3	13.1	12.8	12.8	12.8
85.5°	11.1	11.3	11.1	11.0	10.9	10.8
86°	9.4	9.6	9.4	9.2	9.1	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: P997221
CATALOG NUMBER: SMX6SLSFSD2W-900LM-2700K

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°	313.6	312.8	312.9	313.4	313.6	313.4	312.9	312.8	313.6	312.8	312.9
22°	312.3	311.5	312.1	312.5	312.2	312.5	312.1	311.5	312.3	311.5	312.1



44°	234.9	234.4	234.6	235.1	234.9	235.1	234.6	234.4	234.9	234.4	234.6
44.5°	232.3	232.1	232.3	232.7	232.8	232.7	232.3	232.1	232.3	232.1	232.3



66.5°	116.9	116.6	116.7	117.0	117.1	117.0	116.7	116.6	116.9	116.6	116.7
67°	114.0	113.7	113.8	113.9	114.2	113.9	113.8	113.7	114.0	113.7	113.8

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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°	313.4	313.6	313.4	312.9	312.8	313.6
22°	312.5	312.2	312.5	312.1	311.5	312.3

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44°	235.1	234.9	235.1	234.6	234.4	234.9
44.5°	232.7	232.8	232.7	232.3	232.1	232.3

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66.5°	117.0	117.1	117.0	116.7	116.6	116.9
67°	113.9	114.2	113.9	113.8	113.7	114.0

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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)