

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: P997222

Luminaire Tested: **SMX6SLSFSD2W-900LM-3000K**

Issue Date: 3/11/2025

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

**Test Information**

Test Method: LM-41-14
Report Number: P997222
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-3000K
Description: 6IN SQAURE, 90CRI, DIMMING TO 10%, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 3000K CCT
Ballast/Driver: -

Summary

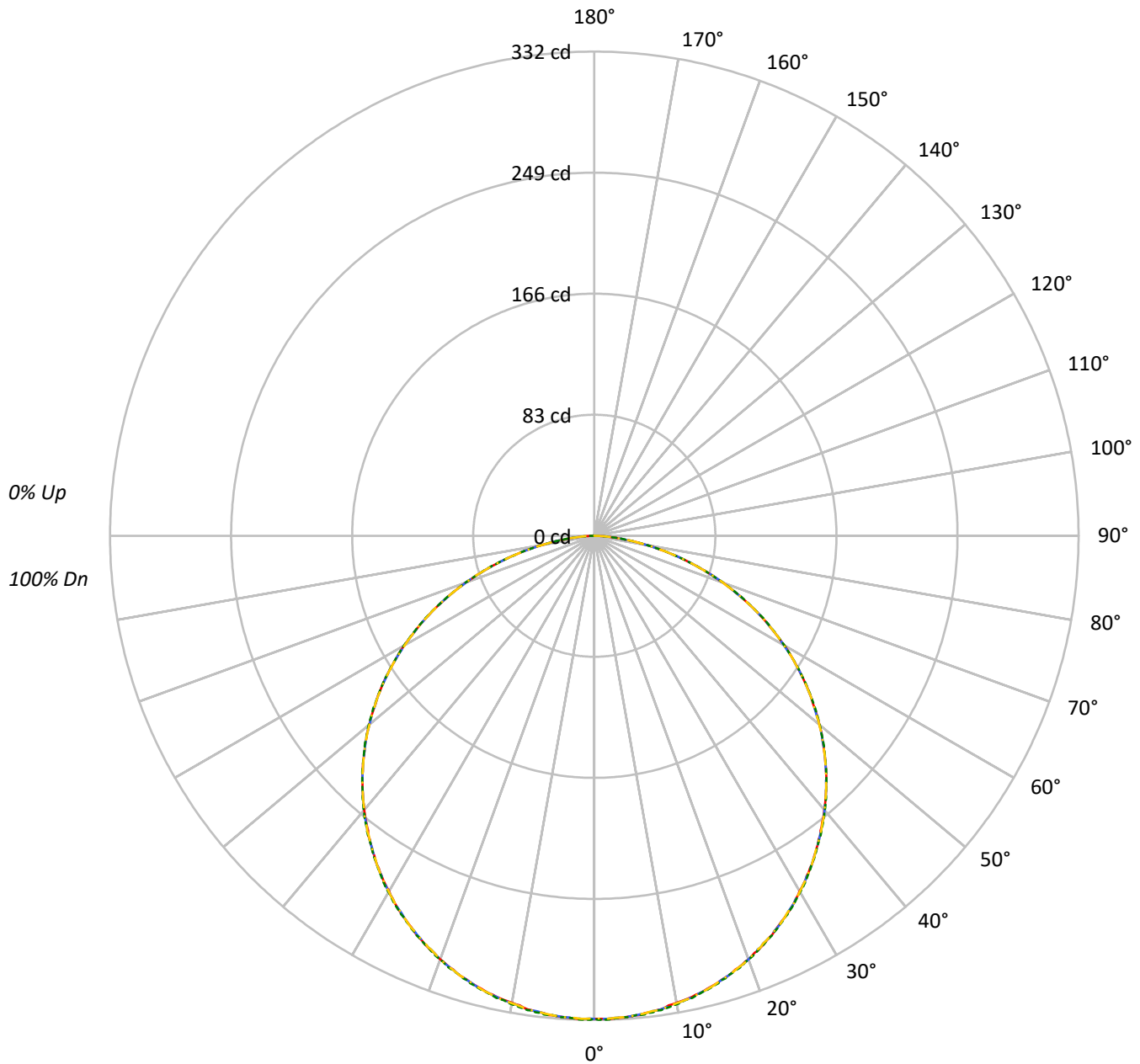
Lumens per Lamp: N/A
Luminaire Lumens: 959.3 lumens
Efficiency: N/A
Efficacy: 103.2 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.27 / 1.38
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 9.3
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					10
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°	14264	14264	14264	14264
5°	14263	14258	14263	14258
10°	14213	14266	14213	14266
15°	14201	14224	14201	14224
20°	14158	14167	14158	14167
25°	14081	14114	14081	14114
30°	13985	14030	13985	14030
35°	13913	13929	13913	13929
40°	13793	13826	13793	13826
45°	13670	13682	13670	13682
50°	13490	13517	13490	13517
55°	13272	13294	13272	13294
60°	12951	12968	12951	12968
65°	12490	12521	12490	12521
70°	11796	11808	11796	11808
75°	10697	10713	10697	10713
80°	9001	9025	9001	9025
85°	6175	6422	6175	6422



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	31.4	3.3
10°-20°	89.9	9.4
20°-30°	136.7	14.2
30°-40°	165.6	17.3
40°-50°	173.1	18.0
50°-60°	157.8	16.4
60°-70°	121.0	12.6
70°-80°	68.0	7.1
80°-90°	15.8	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°	258.0	26.9
0°-40°	423.6	44.2
0°-60°	754.5	78.6
0°-90°	959.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	959.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	331	331	331	331	331	
5°	330	330	330	330	330	31
15°	319	319	319	319	319	90
25°	296	297	296	297	296	137
35°	265	265	265	265	265	165
45°	224	225	224	225	224	173
55°	177	177	177	177	177	158
65°	123	123	123	123	123	121
75°	64	64	64	64	64	68
85°	12	13	12	13	12	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°	331.3	331.3	331.3	331.3	331.3	331.3	331.3	331.3	331.3	331.3	331.3
0.5°	331.3	331.2	331.1	331.6	331.9	331.6	331.1	331.2	331.3	331.2	331.1
1°	331.2	331.1	331.2	331.6	331.9	331.6	331.2	331.1	331.2	331.1	331.2
1.5°	331.5	330.9	331.3	331.5	331.9	331.5	331.3	330.9	331.5	330.9	331.3
2°	331.5	330.8	331.1	331.6	331.9	331.6	331.1	330.8	331.5	330.8	331.1
2.5°	331.1	330.8	330.9	331.4	331.2	331.4	330.9	330.8	331.1	330.8	330.9
3°	331.0	330.4	330.8	331.3	331.0	331.3	330.8	330.4	331.0	330.4	330.8
3.5°	330.9	330.3	330.8	331.0	330.8	331.0	330.8	330.3	330.9	330.3	330.8
4°	330.5	330.3	330.6	330.7	331.0	330.7	330.6	330.3	330.5	330.3	330.6
4.5°	330.4	329.8	330.3	330.3	330.5	330.3	330.3	329.8	330.4	329.8	330.3
5°	330.0	329.4	330.1	330.0	329.9	330.0	330.1	329.4	330.0	329.4	330.1
5.5°	330.1	329.4	329.6	329.7	330.2	329.7	329.6	329.4	330.1	329.4	329.6
6°	329.2	328.9	329.3	329.6	330.1	329.6	329.3	328.9	329.2	328.9	329.3
6.5°	329.0	328.6	328.8	328.9	329.3	328.9	328.8	328.6	329.0	328.6	328.8
7°	328.7	328.3	328.4	328.8	329.3	328.8	328.4	328.3	328.7	328.3	328.4
7.5°	328.2	327.9	328.3	328.1	328.4	328.1	328.3	327.9	328.2	327.9	328.3
8°	327.9	327.1	328.0	327.8	328.5	327.8	328.0	327.1	327.9	327.1	328.0
8.5°	327.2	326.9	327.2	327.3	327.8	327.3	327.2	326.9	327.2	326.9	327.2
9°	326.0	326.4	326.6	327.1	327.3	327.1	326.6	326.4	326.0	326.4	326.6
9.5°	325.8	326.1	326.0	326.8	326.6	326.8	326.0	326.1	325.8	326.1	326.0
10°	325.1	325.6	325.5	326.1	326.3	326.1	325.5	325.6	325.1	325.6	325.5
10.5°	324.6	324.7	325.1	325.4	325.6	325.4	325.1	324.7	324.6	324.7	325.1
11°	324.2	324.1	324.5	325.0	324.5	325.0	324.5	324.1	324.2	324.1	324.5
11.5°	323.7	323.5	324.1	323.9	324.2	323.9	324.1	323.5	323.7	323.5	324.1
12°	323.1	322.7	323.1	323.6	323.9	323.6	323.1	322.7	323.1	322.7	323.1
12.5°	322.3	322.2	322.6	322.9	322.9	322.9	322.6	322.2	322.3	322.2	322.6
13°	321.9	321.4	321.8	321.9	322.2	321.9	321.8	321.4	321.9	321.4	321.8
13.5°	321.1	320.6	321.3	321.0	321.2	321.0	321.3	320.6	321.1	320.6	321.3
14°	320.1	320.0	320.4	320.4	320.9	320.4	320.4	320.0	320.1	320.0	320.4
14.5°	319.5	319.2	319.6	319.7	320.0	319.7	319.6	319.2	319.5	319.2	319.6
15°	318.6	318.5	318.9	318.8	319.1	318.8	318.9	318.5	318.6	318.5	318.9
15.5°	317.8	317.5	317.7	318.0	318.4	318.0	317.7	317.5	317.8	317.5	317.7
16°	316.7	316.8	316.9	317.2	316.9	317.2	316.9	316.8	316.7	316.8	316.9
16.5°	316.0	315.7	316.0	316.2	316.5	316.2	316.0	315.7	316.0	315.7	316.0
17°	315.2	314.8	315.2	315.6	315.1	315.6	315.2	314.8	315.2	314.8	315.2
17.5°	314.1	313.7	314.1	314.2	314.4	314.2	314.1	313.7	314.1	313.7	314.1
18°	312.8	312.7	313.1	313.3	313.4	313.3	313.1	312.7	312.8	312.7	313.1
18.5°	312.1	312.0	312.0	312.2	312.7	312.2	312.0	312.0	312.1	312.0	312.0
19°	311.1	310.9	311.3	311.3	311.8	311.3	311.3	310.9	311.1	310.9	311.3
19.5°	309.9	309.4	310.2	310.0	310.1	310.0	310.2	309.4	309.9	309.4	310.2
20°	309.0	308.8	309.0	309.2	309.2	309.2	309.0	308.8	309.0	308.8	309.0
20.5°	307.8	307.2	307.7	307.8	308.2	307.8	307.7	307.2	307.8	307.2	307.7
21°	306.4	306.4	306.4	306.8	307.2	306.8	306.4	306.4	306.4	306.4	306.4

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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°	303.3	302.4	302.5	303.6	303.3	303.6	302.5	302.4	303.3	302.4	302.5
23°	301.9	301.4	301.6	302.4	302.1	302.4	301.6	301.4	301.9	301.4	301.6
23.5°	300.6	300.0	300.3	301.0	300.8	301.0	300.3	300.0	300.6	300.0	300.3
24°	299.6	298.8	299.2	299.5	299.8	299.5	299.2	298.8	299.6	298.8	299.2
24.5°	298.0	297.6	297.7	297.9	298.3	297.9	297.7	297.6	298.0	297.6	297.7
25°	296.4	296.4	296.7	296.7	297.1	296.7	296.7	296.4	296.4	296.4	296.7
25.5°	295.2	294.9	295.4	295.5	295.4	295.5	295.4	294.9	295.2	294.9	295.4
26°	293.7	293.6	293.8	294.0	294.2	294.0	293.8	293.6	293.7	293.6	293.8
26.5°	292.6	292.1	292.5	292.6	292.6	292.6	292.5	292.1	292.6	292.1	292.5
27°	291.0	290.7	290.7	291.2	291.5	291.2	290.7	290.7	291.0	290.7	290.7
27.5°	289.7	289.2	289.3	289.7	290.0	289.7	289.3	289.2	289.7	289.2	289.3
28°	288.1	287.8	288.1	288.4	288.6	288.4	288.1	287.8	288.1	287.8	288.1
28.5°	286.7	286.1	286.7	286.8	287.2	286.8	286.7	286.1	286.7	286.1	286.7
29°	284.8	284.6	284.9	285.0	285.4	285.0	284.9	284.6	284.8	284.6	284.9
29.5°	283.3	283.1	283.5	283.5	283.8	283.5	283.5	283.1	283.3	283.1	283.5
30°	281.3	281.6	281.8	281.9	282.2	281.9	281.8	281.6	281.3	281.6	281.8
30.5°	280.1	279.8	280.2	280.4	281.0	280.4	280.2	279.8	280.1	279.8	280.2
31°	278.5	278.1	278.5	278.7	279.2	278.7	278.5	278.1	278.5	278.1	278.5
31.5°	276.9	276.4	276.9	277.0	277.6	277.0	276.9	276.4	276.9	276.4	276.9
32°	275.0	274.8	275.0	275.4	275.5	275.4	275.0	274.8	275.0	274.8	275.0
32.5°	273.5	272.9	273.7	273.7	273.9	273.7	273.7	272.9	273.5	272.9	273.7
33°	271.6	271.6	271.8	272.1	272.1	272.1	271.8	271.6	271.6	271.6	271.8
33.5°	270.2	269.5	270.2	270.3	270.1	270.3	270.2	269.5	270.2	269.5	270.2
34°	268.4	268.4	268.0	268.5	268.5	268.5	268.0	268.4	268.4	268.4	268.0
34.5°	266.2	266.3	266.5	266.7	266.9	266.7	266.5	266.3	266.2	266.3	266.5
35°	264.7	264.6	264.4	264.8	265.0	264.8	264.4	264.6	264.7	264.6	264.4
35.5°	262.6	262.8	262.7	263.2	262.9	263.2	262.7	262.8	262.6	262.8	262.7
36°	261.1	260.9	260.9	261.4	261.0	261.4	260.9	260.9	261.1	260.9	260.9
36.5°	258.7	258.7	259.1	259.4	259.1	259.4	259.1	258.7	258.7	258.7	259.1
37°	257.5	256.9	257.1	257.3	257.6	257.3	257.1	256.9	257.5	256.9	257.1
37.5°	254.7	255.0	255.5	255.8	255.8	255.8	255.5	255.0	254.7	255.0	255.5
38°	253.1	253.3	253.4	253.8	253.7	253.8	253.4	253.3	253.1	253.3	253.4
38.5°	251.0	251.1	251.3	251.9	251.8	251.9	251.3	251.1	251.0	251.1	251.3
39°	249.3	249.4	249.7	249.7	250.1	249.7	249.7	249.4	249.3	249.4	249.7
39.5°	247.3	247.3	247.7	247.8	247.8	247.8	247.7	247.3	247.3	247.3	247.7
40°	245.4	245.2	245.5	245.9	246.0	245.9	245.5	245.2	245.4	245.2	245.5
40.5°	243.3	243.1	243.4	243.9	243.9	243.9	243.4	243.1	243.3	243.1	243.4
41°	241.5	241.4	241.4	241.6	241.8	241.6	241.4	241.4	241.5	241.4	241.4
41.5°	239.3	239.0	239.4	239.6	239.8	239.6	239.4	239.0	239.3	239.0	239.4
42°	237.3	236.9	237.3	237.7	237.3	237.7	237.3	236.9	237.3	236.9	237.3
42.5°	235.2	234.8	235.2	235.7	235.3	235.7	235.2	234.8	235.2	234.8	235.2
43°	233.0	233.0	233.1	233.4	233.4	233.4	233.1	233.0	233.0	233.0	233.1
43.5°	231.0	230.7	230.8	231.2	231.2	231.2	230.8	230.7	231.0	230.7	230.8

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	224.5	224.1	224.3	224.8	224.7	224.8	224.3	224.1	224.5	224.1	224.3
45.5°	222.2	221.7	222.0	222.4	222.4	222.4	222.0	221.7	222.2	221.7	222.0
46°	219.9	219.6	219.9	220.2	220.2	220.2	219.9	219.6	219.9	219.6	219.9
46.5°	217.6	217.3	217.5	217.7	217.9	217.7	217.5	217.3	217.6	217.3	217.5
47°	215.4	215.2	215.4	215.5	215.6	215.5	215.4	215.2	215.4	215.2	215.4
47.5°	213.2	212.8	213.1	213.4	213.5	213.4	213.1	212.8	213.2	212.8	213.1
48°	210.8	210.5	210.8	211.1	211.3	211.1	210.8	210.5	210.8	210.5	210.8
48.5°	208.6	208.3	208.5	208.6	208.8	208.6	208.5	208.3	208.6	208.3	208.5
49°	206.4	206.0	206.2	206.6	206.3	206.6	206.2	206.0	206.4	206.0	206.2
49.5°	203.9	203.6	203.7	204.0	204.3	204.0	203.7	203.6	203.9	203.6	203.7
50°	201.4	201.2	201.2	201.7	201.8	201.7	201.2	201.2	201.4	201.2	201.2
50.5°	199.1	198.7	198.8	199.2	199.4	199.2	198.8	198.7	199.1	198.7	198.8
51°	196.7	196.4	196.3	196.9	196.9	196.9	196.3	196.4	196.7	196.4	196.3
51.5°	194.2	194.0	194.0	194.4	194.6	194.4	194.0	194.0	194.2	194.0	194.0
52°	191.7	191.5	191.4	191.9	192.2	191.9	191.4	191.5	191.7	191.5	191.4
52.5°	189.0	189.0	189.2	189.4	189.6	189.4	189.2	189.0	189.0	189.0	189.2
53°	186.7	186.5	186.8	186.9	187.0	186.9	186.8	186.5	186.7	186.5	186.8
53.5°	184.5	184.1	184.4	184.2	184.6	184.2	184.4	184.1	184.5	184.1	184.4
54°	181.9	181.5	181.7	182.0	182.1	182.0	181.7	181.5	181.9	181.5	181.7
54.5°	179.3	179.0	179.1	179.5	179.5	179.5	179.1	179.0	179.3	179.0	179.1
55°	176.8	176.5	176.6	176.9	177.1	176.9	176.6	176.5	176.8	176.5	176.6
55.5°	174.4	174.0	174.0	174.2	174.6	174.2	174.0	174.0	174.4	174.0	174.0
56°	171.7	171.3	171.5	171.6	171.8	171.6	171.5	171.3	171.7	171.3	171.5
56.5°	169.0	168.7	168.9	169.1	169.1	169.1	168.9	168.7	169.0	168.7	168.9
57°	166.3	166.0	166.2	166.5	166.6	166.5	166.2	166.0	166.3	166.0	166.2
57.5°	163.7	163.4	163.6	163.9	164.0	163.9	163.6	163.4	163.7	163.4	163.6
58°	161.1	160.7	161.0	161.3	161.3	161.3	161.0	160.7	161.1	160.7	161.0
58.5°	158.5	158.2	158.4	158.5	158.6	158.5	158.4	158.2	158.5	158.2	158.4
59°	155.9	155.6	155.5	155.8	156.0	155.8	155.5	155.6	155.9	155.6	155.5
59.5°	153.1	152.9	152.8	153.1	153.3	153.1	152.8	152.9	153.1	152.9	152.8
60°	150.4	150.1	150.1	150.4	150.6	150.4	150.1	150.1	150.4	150.1	150.1
60.5°	147.7	147.4	147.4	147.7	147.9	147.7	147.4	147.4	147.7	147.4	147.4
61°	144.8	144.7	144.7	145.0	145.1	145.0	144.7	144.7	144.8	144.7	144.7
61.5°	142.0	141.9	142.0	142.3	142.3	142.3	142.0	141.9	142.0	141.9	142.0
62°	139.2	139.2	139.2	139.5	139.6	139.5	139.2	139.2	139.2	139.2	139.2
62.5°	136.4	136.5	136.5	136.8	136.8	136.8	136.5	136.5	136.4	136.5	136.5
63°	133.7	133.7	133.8	134.1	134.1	134.1	133.8	133.7	133.7	133.7	133.8
63.5°	130.9	130.9	131.0	131.1	131.4	131.1	131.0	130.9	130.9	130.9	131.0
64°	128.1	128.0	128.2	128.3	128.7	128.3	128.2	128.0	128.1	128.0	128.2
64.5°	125.3	125.2	125.4	125.4	125.8	125.4	125.4	125.2	125.3	125.2	125.4
65°	122.6	122.4	122.5	122.6	122.9	122.6	122.5	122.4	122.6	122.4	122.5
65.5°	119.6	119.5	119.6	119.8	119.9	119.8	119.6	119.5	119.6	119.5	119.6
66°	116.7	116.6	116.7	117.0	117.1	117.0	116.7	116.6	116.7	116.6	116.7

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997222

CATALOG NUMBER: SMX6SLSFSD2W-900LM-3000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	108.3	107.9	108.1	108.2	108.4	108.2	108.1	107.9	108.3	107.9	108.1
68°	105.4	105.1	105.2	105.3	105.5	105.3	105.2	105.1	105.4	105.1	105.2
68.5°	102.4	102.3	102.4	102.5	102.5	102.5	102.4	102.3	102.4	102.3	102.4
69°	99.5	99.3	99.3	99.6	99.6	99.6	99.3	99.3	99.5	99.3	99.3
69.5°	96.6	96.4	96.4	96.7	96.7	96.7	96.4	96.4	96.6	96.4	96.4
70°	93.7	93.6	93.6	93.7	93.8	93.7	93.6	93.6	93.7	93.6	93.6
70.5°	90.7	90.5	90.6	90.9	90.8	90.9	90.6	90.5	90.7	90.5	90.6
71°	87.8	87.6	87.7	87.9	87.9	87.9	87.7	87.6	87.8	87.6	87.7
71.5°	84.8	84.6	84.8	84.9	84.9	84.9	84.8	84.6	84.8	84.6	84.8
72°	81.8	81.7	81.7	82.0	81.9	82.0	81.7	81.7	81.8	81.7	81.7
72.5°	78.9	78.8	78.8	79.1	79.0	79.1	78.8	78.8	78.9	78.8	78.8
73°	75.8	75.9	75.9	76.2	76.1	76.2	75.9	75.9	75.8	75.9	75.9
73.5°	73.1	72.9	72.9	73.1	73.2	73.1	72.9	72.9	73.1	72.9	72.9
74°	70.2	70.1	70.1	70.2	70.3	70.2	70.1	70.1	70.2	70.1	70.1
74.5°	67.2	67.2	67.2	67.3	67.3	67.3	67.2	67.2	67.2	67.2	67.2
75°	64.3	64.3	64.3	64.4	64.4	64.4	64.3	64.3	64.3	64.3	64.3
75.5°	61.4	61.3	61.3	61.5	61.5	61.5	61.3	61.3	61.4	61.3	61.3
76°	58.5	58.4	58.5	58.5	58.6	58.5	58.5	58.4	58.5	58.4	58.5
76.5°	55.6	55.5	55.6	55.7	55.6	55.7	55.6	55.5	55.6	55.5	55.6
77°	52.7	52.7	52.8	52.9	52.9	52.9	52.8	52.7	52.7	52.7	52.8
77.5°	50.0	49.9	50.0	50.1	50.1	50.1	50.0	49.9	50.0	49.9	50.0
78°	47.2	47.1	47.2	47.4	47.4	47.4	47.2	47.1	47.2	47.1	47.2
78.5°	44.5	44.4	44.4	44.6	44.6	44.6	44.4	44.4	44.5	44.4	44.4
79°	41.8	41.7	41.7	41.8	41.9	41.8	41.7	41.7	41.8	41.7	41.7
79.5°	39.0	38.9	39.0	39.1	39.1	39.1	39.0	38.9	39.0	38.9	39.0
80°	36.3	36.2	36.3	36.4	36.4	36.4	36.3	36.2	36.3	36.2	36.3
80.5°	33.6	33.6	33.6	33.8	33.8	33.8	33.6	33.6	33.6	33.6	33.6
81°	31.0	31.0	31.0	31.1	31.1	31.1	31.0	31.0	31.0	31.0	31.0
81.5°	28.4	28.3	28.4	28.5	28.6	28.5	28.4	28.3	28.4	28.3	28.4
82°	25.8	25.8	25.8	26.0	26.0	26.0	25.8	25.8	25.8	25.8	25.8
82.5°	23.3	23.3	23.5	23.6	23.7	23.6	23.5	23.3	23.3	23.3	23.5
83°	21.0	21.0	21.1	21.3	21.4	21.3	21.1	21.0	21.0	21.0	21.1
83.5°	18.7	18.7	18.8	19.0	19.1	19.0	18.8	18.7	18.7	18.7	18.8
84°	16.6	16.6	16.7	16.8	16.9	16.8	16.7	16.6	16.6	16.6	16.7
84.5°	14.5	14.5	14.6	14.7	14.8	14.7	14.6	14.5	14.5	14.5	14.6
85°	12.5	12.5	12.5	12.8	13.0	12.8	12.5	12.5	12.5	12.5	12.5
85.5°	10.6	10.6	10.7	10.9	11.1	10.9	10.7	10.6	10.6	10.6	10.7
86°	8.8	8.8	9.0	9.1	9.3	9.1	9.0	8.8	8.8	8.8	9.0
86.5°	7.1	7.2	7.3	7.5	7.7	7.5	7.3	7.2	7.1	7.2	7.3
87°	5.7	5.7	5.9	6.0	6.2	6.0	5.9	5.7	5.7	5.7	5.9
87.5°	4.3	4.4	4.6	4.7	5.0	4.7	4.6	4.4	4.3	4.4	4.6
88°	3.2	3.2	3.4	3.6	3.8	3.6	3.4	3.2	3.2	3.2	3.4
88.5°	2.2	2.2	2.4	2.6	2.8	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: P997222
CATALOG NUMBER: SMX6SLSFSD2W-900LM-3000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997222

CATALOG NUMBER: SMX6SLSFSD2W-900LM-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	331.3	331.3	331.3	331.3	331.3	331.3
0.5°	331.6	331.9	331.6	331.1	331.2	331.3
1°	331.6	331.9	331.6	331.2	331.1	331.2
1.5°	331.5	331.9	331.5	331.3	330.9	331.5
2°	331.6	331.9	331.6	331.1	330.8	331.5
2.5°	331.4	331.2	331.4	330.9	330.8	331.1
3°	331.3	331.0	331.3	330.8	330.4	331.0
3.5°	331.0	330.8	331.0	330.8	330.3	330.9
4°	330.7	331.0	330.7	330.6	330.3	330.5
4.5°	330.3	330.5	330.3	330.3	329.8	330.4
5°	330.0	329.9	330.0	330.1	329.4	330.0
5.5°	329.7	330.2	329.7	329.6	329.4	330.1
6°	329.6	330.1	329.6	329.3	328.9	329.2
6.5°	328.9	329.3	328.9	328.8	328.6	329.0
7°	328.8	329.3	328.8	328.4	328.3	328.7
7.5°	328.1	328.4	328.1	328.3	327.9	328.2
8°	327.8	328.5	327.8	328.0	327.1	327.9
8.5°	327.3	327.8	327.3	327.2	326.9	327.2
9°	327.1	327.3	327.1	326.6	326.4	326.0
9.5°	326.8	326.6	326.8	326.0	326.1	325.8
10°	326.1	326.3	326.1	325.5	325.6	325.1
10.5°	325.4	325.6	325.4	325.1	324.7	324.6
11°	325.0	324.5	325.0	324.5	324.1	324.2
11.5°	323.9	324.2	323.9	324.1	323.5	323.7
12°	323.6	323.9	323.6	323.1	322.7	323.1
12.5°	322.9	322.9	322.9	322.6	322.2	322.3
13°	321.9	322.2	321.9	321.8	321.4	321.9
13.5°	321.0	321.2	321.0	321.3	320.6	321.1
14°	320.4	320.9	320.4	320.4	320.0	320.1
14.5°	319.7	320.0	319.7	319.6	319.2	319.5
15°	318.8	319.1	318.8	318.9	318.5	318.6
15.5°	318.0	318.4	318.0	317.7	317.5	317.8
16°	317.2	316.9	317.2	316.9	316.8	316.7
16.5°	316.2	316.5	316.2	316.0	315.7	316.0
17°	315.6	315.1	315.6	315.2	314.8	315.2
17.5°	314.2	314.4	314.2	314.1	313.7	314.1
18°	313.3	313.4	313.3	313.1	312.7	312.8
18.5°	312.2	312.7	312.2	312.0	312.0	312.1
19°	311.3	311.8	311.3	311.3	310.9	311.1
19.5°	310.0	310.1	310.0	310.2	309.4	309.9
20°	309.2	309.2	309.2	309.0	308.8	309.0
20.5°	307.8	308.2	307.8	307.7	307.2	307.8
21°	306.8	307.2	306.8	306.4	306.4	306.4

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997222

CATALOG NUMBER: SMX6SLSFSD2W-900LM-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	303.6	303.3	303.6	302.5	302.4	303.3
23°	302.4	302.1	302.4	301.6	301.4	301.9
23.5°	301.0	300.8	301.0	300.3	300.0	300.6
24°	299.5	299.8	299.5	299.2	298.8	299.6
24.5°	297.9	298.3	297.9	297.7	297.6	298.0
25°	296.7	297.1	296.7	296.7	296.4	296.4
25.5°	295.5	295.4	295.5	295.4	294.9	295.2
26°	294.0	294.2	294.0	293.8	293.6	293.7
26.5°	292.6	292.6	292.6	292.5	292.1	292.6
27°	291.2	291.5	291.2	290.7	290.7	291.0
27.5°	289.7	290.0	289.7	289.3	289.2	289.7
28°	288.4	288.6	288.4	288.1	287.8	288.1
28.5°	286.8	287.2	286.8	286.7	286.1	286.7
29°	285.0	285.4	285.0	284.9	284.6	284.8
29.5°	283.5	283.8	283.5	283.5	283.1	283.3
30°	281.9	282.2	281.9	281.8	281.6	281.3
30.5°	280.4	281.0	280.4	280.2	279.8	280.1
31°	278.7	279.2	278.7	278.5	278.1	278.5
31.5°	277.0	277.6	277.0	276.9	276.4	276.9
32°	275.4	275.5	275.4	275.0	274.8	275.0
32.5°	273.7	273.9	273.7	273.7	272.9	273.5
33°	272.1	272.1	272.1	271.8	271.6	271.6
33.5°	270.3	270.1	270.3	270.2	269.5	270.2
34°	268.5	268.5	268.5	268.0	268.4	268.4
34.5°	266.7	266.9	266.7	266.5	266.3	266.2
35°	264.8	265.0	264.8	264.4	264.6	264.7
35.5°	263.2	262.9	263.2	262.7	262.8	262.6
36°	261.4	261.0	261.4	260.9	260.9	261.1
36.5°	259.4	259.1	259.4	259.1	258.7	258.7
37°	257.3	257.6	257.3	257.1	256.9	257.5
37.5°	255.8	255.8	255.8	255.5	255.0	254.7
38°	253.8	253.7	253.8	253.4	253.3	253.1
38.5°	251.9	251.8	251.9	251.3	251.1	251.0
39°	249.7	250.1	249.7	249.7	249.4	249.3
39.5°	247.8	247.8	247.8	247.7	247.3	247.3
40°	245.9	246.0	245.9	245.5	245.2	245.4
40.5°	243.9	243.9	243.9	243.4	243.1	243.3
41°	241.6	241.8	241.6	241.4	241.4	241.5
41.5°	239.6	239.8	239.6	239.4	239.0	239.3
42°	237.7	237.3	237.7	237.3	236.9	237.3
42.5°	235.7	235.3	235.7	235.2	234.8	235.2
43°	233.4	233.4	233.4	233.1	233.0	233.0
43.5°	231.2	231.2	231.2	230.8	230.7	231.0

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997222

CATALOG NUMBER: SMX6SLSFSD2W-900LM-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	224.8	224.7	224.8	224.3	224.1	224.5
45.5°	222.4	222.4	222.4	222.0	221.7	222.2
46°	220.2	220.2	220.2	219.9	219.6	219.9
46.5°	217.7	217.9	217.7	217.5	217.3	217.6
47°	215.5	215.6	215.5	215.4	215.2	215.4
47.5°	213.4	213.5	213.4	213.1	212.8	213.2
48°	211.1	211.3	211.1	210.8	210.5	210.8
48.5°	208.6	208.8	208.6	208.5	208.3	208.6
49°	206.6	206.3	206.6	206.2	206.0	206.4
49.5°	204.0	204.3	204.0	203.7	203.6	203.9
50°	201.7	201.8	201.7	201.2	201.2	201.4
50.5°	199.2	199.4	199.2	198.8	198.7	199.1
51°	196.9	196.9	196.9	196.3	196.4	196.7
51.5°	194.4	194.6	194.4	194.0	194.0	194.2
52°	191.9	192.2	191.9	191.4	191.5	191.7
52.5°	189.4	189.6	189.4	189.2	189.0	189.0
53°	186.9	187.0	186.9	186.8	186.5	186.7
53.5°	184.2	184.6	184.2	184.4	184.1	184.5
54°	182.0	182.1	182.0	181.7	181.5	181.9
54.5°	179.5	179.5	179.5	179.1	179.0	179.3
55°	176.9	177.1	176.9	176.6	176.5	176.8
55.5°	174.2	174.6	174.2	174.0	174.0	174.4
56°	171.6	171.8	171.6	171.5	171.3	171.7
56.5°	169.1	169.1	169.1	168.9	168.7	169.0
57°	166.5	166.6	166.5	166.2	166.0	166.3
57.5°	163.9	164.0	163.9	163.6	163.4	163.7
58°	161.3	161.3	161.3	161.0	160.7	161.1
58.5°	158.5	158.6	158.5	158.4	158.2	158.5
59°	155.8	156.0	155.8	155.5	155.6	155.9
59.5°	153.1	153.3	153.1	152.8	152.9	153.1
60°	150.4	150.6	150.4	150.1	150.1	150.4
60.5°	147.7	147.9	147.7	147.4	147.4	147.7
61°	145.0	145.1	145.0	144.7	144.7	144.8
61.5°	142.3	142.3	142.3	142.0	141.9	142.0
62°	139.5	139.6	139.5	139.2	139.2	139.2
62.5°	136.8	136.8	136.8	136.5	136.5	136.4
63°	134.1	134.1	134.1	133.8	133.7	133.7
63.5°	131.1	131.4	131.1	131.0	130.9	130.9
64°	128.3	128.7	128.3	128.2	128.0	128.1
64.5°	125.4	125.8	125.4	125.4	125.2	125.3
65°	122.6	122.9	122.6	122.5	122.4	122.6
65.5°	119.8	119.9	119.8	119.6	119.5	119.6
66°	117.0	117.1	117.0	116.7	116.6	116.7

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997222

CATALOG NUMBER: SMX6SLSFSD2W-900LM-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	108.2	108.4	108.2	108.1	107.9	108.3
68°	105.3	105.5	105.3	105.2	105.1	105.4
68.5°	102.5	102.5	102.5	102.4	102.3	102.4
69°	99.6	99.6	99.6	99.3	99.3	99.5
69.5°	96.7	96.7	96.7	96.4	96.4	96.6
70°	93.7	93.8	93.7	93.6	93.6	93.7
70.5°	90.9	90.8	90.9	90.6	90.5	90.7
71°	87.9	87.9	87.9	87.7	87.6	87.8
71.5°	84.9	84.9	84.9	84.8	84.6	84.8
72°	82.0	81.9	82.0	81.7	81.7	81.8
72.5°	79.1	79.0	79.1	78.8	78.8	78.9
73°	76.2	76.1	76.2	75.9	75.9	75.8
73.5°	73.1	73.2	73.1	72.9	72.9	73.1
74°	70.2	70.3	70.2	70.1	70.1	70.2
74.5°	67.3	67.3	67.3	67.2	67.2	67.2
75°	64.4	64.4	64.4	64.3	64.3	64.3
75.5°	61.5	61.5	61.5	61.3	61.3	61.4
76°	58.5	58.6	58.5	58.5	58.4	58.5
76.5°	55.7	55.6	55.7	55.6	55.5	55.6
77°	52.9	52.9	52.9	52.8	52.7	52.7
77.5°	50.1	50.1	50.1	50.0	49.9	50.0
78°	47.4	47.4	47.4	47.2	47.1	47.2
78.5°	44.6	44.6	44.6	44.4	44.4	44.5
79°	41.8	41.9	41.8	41.7	41.7	41.8
79.5°	39.1	39.1	39.1	39.0	38.9	39.0
80°	36.4	36.4	36.4	36.3	36.2	36.3
80.5°	33.8	33.8	33.8	33.6	33.6	33.6
81°	31.1	31.1	31.1	31.0	31.0	31.0
81.5°	28.5	28.6	28.5	28.4	28.3	28.4
82°	26.0	26.0	26.0	25.8	25.8	25.8
82.5°	23.6	23.7	23.6	23.5	23.3	23.3
83°	21.3	21.4	21.3	21.1	21.0	21.0
83.5°	19.0	19.1	19.0	18.8	18.7	18.7
84°	16.8	16.9	16.8	16.7	16.6	16.6
84.5°	14.7	14.8	14.7	14.6	14.5	14.5
85°	12.8	13.0	12.8	12.5	12.5	12.5
85.5°	10.9	11.1	10.9	10.7	10.6	10.6
86°	9.1	9.3	9.1	9.0	8.8	8.8
86.5°	7.5	7.7	7.5	7.3	7.2	7.1
87°	6.0	6.2	6.0	5.9	5.7	5.7
87.5°	4.7	5.0	4.7	4.6	4.4	4.3
88°	3.6	3.8	3.6	3.4	3.2	3.2
88.5°	2.6	2.8	2.6	2.4	2.2	2.2

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Scaled Data Report



TEST NUMBER: P997222

CATALOG NUMBER: SMX6SLSFSD2W-900LM-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
90°	0.0	0.0	0.0	0.0	0.0	0.0

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Scaled Data Report

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1121 Highway 74 South

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°	305.7	305.0	305.0	305.5	305.7	305.5	305.0	305.0	305.7	305.0	305.0
22°	304.5	303.7	304.3	304.7	304.3	304.7	304.3	303.7	304.5	303.7	304.3



44°	229.0	228.5	228.7	229.2	229.0	229.2	228.7	228.5	229.0	228.5	228.7
44.5°	226.5	226.2	226.5	226.9	226.9	226.9	226.5	226.2	226.5	226.2	226.5



66.5°	113.9	113.7	113.8	114.1	114.1	113.8	113.7	113.9	113.7	113.8
67°	111.1	110.8	110.9	111.1	111.1	110.9	110.8	111.1	110.8	110.9



89°	1.3	1.4	1.6	1.7	2.0	1.7	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°	305.5	305.7	305.5	305.0	305.0	305.7
22°	304.7	304.3	304.7	304.3	303.7	304.5

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44°	229.2	229.0	229.2	228.7	228.5	229.0
44.5°	226.9	226.9	226.9	226.5	226.2	226.5

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66.5°	114.1	114.1	114.1	113.8	113.7	113.9
67°	111.1	111.3	111.1	110.9	110.8	111.1

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89°	1.7	2.0	1.7	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)