

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: P997177

Luminaire Tested: **SMX4SLSFSD2W-800LM-3000K**

Issue Date: 3/11/2025



Test Information

Test Method: LM-41-14
Report Number: P997177
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (A2410456A001)
Test Lab:
Issue Date: 3/11/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: HALO
Catalog Number: SMX4SLSFSD2W-800LM-3000K
Description: 4IN SQAURE, 90CRI, DIMMING TO 10%, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 3000K CCT
Ballast/Driver: -

Summary

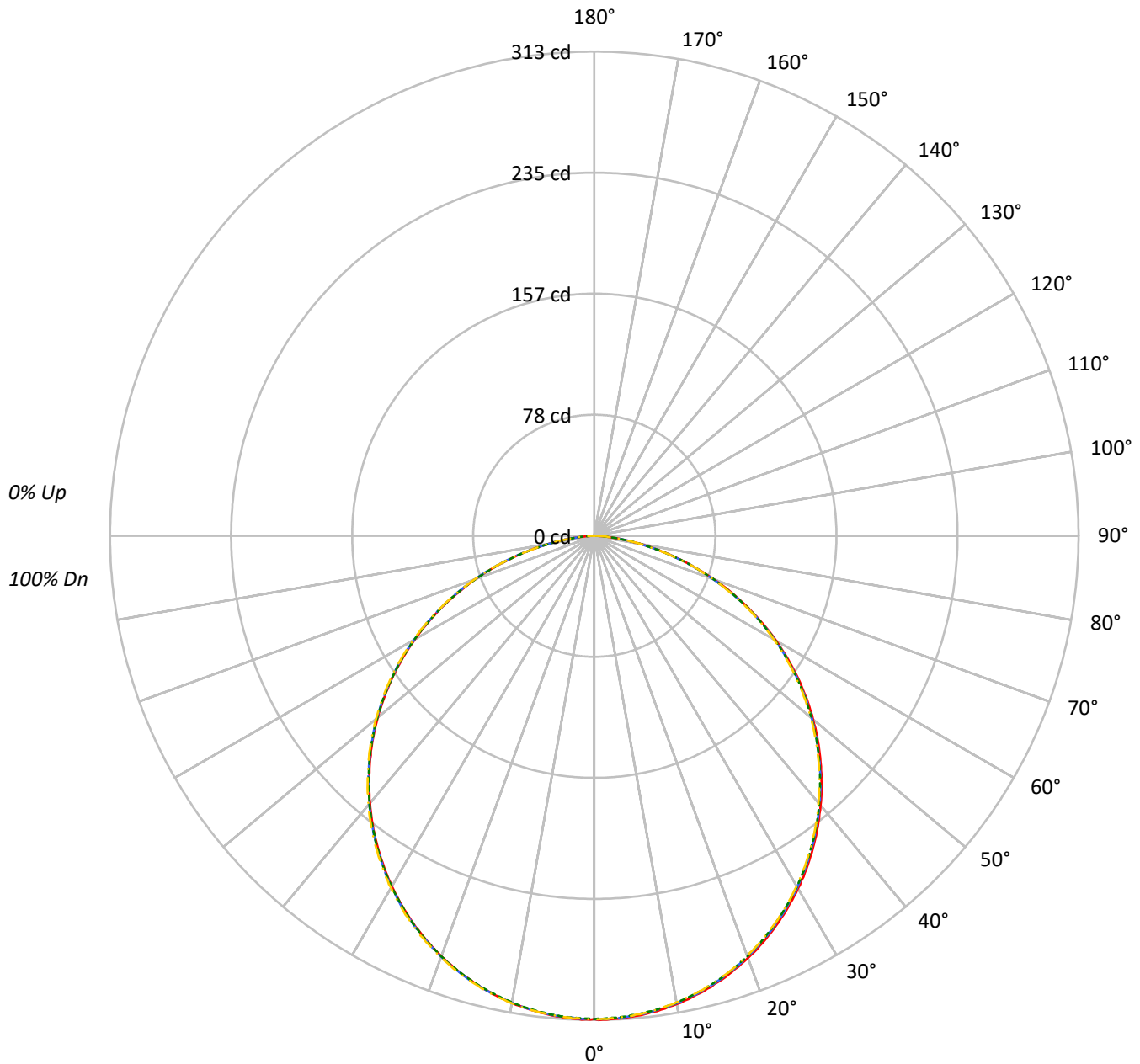
Lumens per Lamp: N/A
Luminaire Lumens: 874.0 lumens
Efficiency: N/A
Efficacy: 99.3 lumens/watt
Spacing Criteria (0/90/45): 1.25 / 1.25 / 1.37
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
CIE Type: Direct

Input Watts (W): 8.8
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	95	98	95	92	94	91	89	90	88	86	84		
2	99	91	84	78	96	89	83	77	85	80	76	82	78	74	79	76	72	70		
3	90	80	72	65	88	78	71	65	75	69	63	72	67	62	70	65	61	59		
4	83	71	62	55	80	69	61	55	67	60	54	64	58	53	62	57	53	50		
5	76	63	54	48	74	62	54	47	60	52	47	58	51	46	56	50	46	44		
6	70	57	48	41	68	56	47	41	54	47	41	52	46	41	51	45	40	38		
7	65	52	43	37	63	51	42	36	49	42	36	48	41	36	46	40	36	34		
8	61	47	38	33	59	46	38	33	45	38	32	44	37	32	43	36	32	30		
9	57	43	35	29	55	43	35	29	41	34	29	40	34	29	39	33	29	27		
10	53	40	32	27	52	39	32	27	38	31	26	37	31	26	36	30	26	24		

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	30888	30888	30888	30888
5°	30907	30857	30887	30838
10°	30843	30752	30783	30742
15°	30709	30617	30627	30607
20°	30546	30430	30420	30430
25°	30319	30177	30155	30199
30°	30040	29903	29857	29903
35°	29720	29563	29502	29563
40°	29354	29186	29096	29161
45°	28907	28726	28642	28712
50°	28386	28186	28094	28155
55°	27710	27520	27400	27469
60°	26826	26608	26509	26569
65°	25587	25399	25259	25329
70°	23813	23640	23466	23524
75°	21119	21004	20852	20813
80°	16962	16906	16735	16678
85°	10774	10660	10887	10320

Classified

Scaled Data Report

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	29.6	3.4
10°-20°	84.5	9.7
20°-30°	127.7	14.6
30°-40°	153.4	17.6
40°-50°	158.6	18.1
50°-60°	142.6	16.3
60°-70°	107.3	12.3
70°-80°	58.1	6.6
80°-90°	12.3	1.4
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°	241.7	27.7
0°-40°	395.1	45.2
0°-60°	696.3	79.7
0°-90°	874.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	874.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	312	312	312	312	312	
5°	312	311	311	311	312	30
15°	300	299	299	299	300	85
25°	278	277	276	277	278	128
35°	246	245	244	245	246	154
45°	207	206	205	205	207	160
55°	161	160	159	159	161	144
65°	109	109	108	108	109	108
75°	55	55	55	54	55	59
85°	10	9	10	9	10	12
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°	312.5	312.5	312.5	312.5	312.5	312.5	312.5	312.5	312.5	312.5	312.5
0.5°	313.1	312.7	312.6	312.4	312.1	312.3	312.6	312.6	312.8	312.8	312.7
1°	312.8	312.9	312.3	312.5	312.3	312.2	312.4	312.7	312.7	312.8	312.4
1.5°	312.9	312.5	312.6	312.3	312.1	312.1	312.5	312.4	312.9	312.5	312.3
2°	312.7	312.8	312.3	312.3	311.8	312.2	312.2	312.3	312.5	312.6	312.3
2.5°	312.6	312.4	312.1	311.7	311.9	311.8	312.1	312.1	312.6	312.4	311.9
3°	312.6	312.3	312.1	312.1	311.7	311.8	311.8	311.9	312.2	312.3	311.9
3.5°	312.5	312.4	311.8	311.6	311.5	311.5	311.7	311.8	312.2	312.1	311.8
4°	312.0	312.0	311.6	311.4	311.4	311.3	311.4	311.5	311.7	311.8	311.5
4.5°	311.8	311.8	311.4	311.1	310.8	311.1	311.3	311.3	311.7	311.6	311.3
5°	311.5	311.4	311.1	310.9	311.0	310.9	310.7	311.1	311.3	311.2	311.0
5.5°	311.5	311.3	310.8	310.6	310.4	310.4	310.8	310.4	310.9	311.0	310.6
6°	311.0	311.0	310.6	310.4	310.0	310.2	310.1	310.4	310.5	310.7	310.4
6.5°	310.7	310.4	310.0	309.8	309.6	309.7	310.1	309.8	310.3	310.3	309.9
7°	310.1	310.1	309.7	309.4	309.5	309.4	309.3	309.6	309.7	309.9	309.7
7.5°	310.1	309.7	309.2	308.9	309.0	308.8	309.1	309.0	309.4	309.3	309.2
8°	309.4	309.3	309.0	308.6	308.4	308.6	308.7	308.6	308.8	309.1	308.7
8.5°	309.1	308.7	308.2	307.9	308.1	307.6	307.9	308.0	308.4	308.3	308.3
9°	308.3	308.2	307.9	307.7	307.4	307.5	307.4	307.6	307.7	308.2	307.5
9.5°	308.0	307.8	307.3	306.8	307.1	306.9	307.1	306.9	307.4	307.2	307.2
10°	307.3	307.3	306.8	306.4	306.4	306.3	306.2	306.3	306.7	306.7	306.5
10.5°	306.9	306.5	306.2	305.7	305.8	305.6	306.0	305.6	306.1	306.3	306.1
11°	306.1	306.0	305.5	305.3	305.1	305.2	304.7	305.2	305.3	305.4	305.2
11.5°	305.7	305.3	304.8	304.6	304.5	304.3	304.5	304.4	304.9	304.9	304.8
12°	304.8	304.6	304.0	303.8	303.8	303.8	303.7	303.7	304.0	304.0	303.8
12.5°	304.0	304.0	303.6	303.1	303.0	303.0	303.0	303.0	303.4	303.4	303.3
13°	303.5	303.1	302.8	302.3	302.4	302.3	302.3	302.2	302.5	302.6	302.6
13.5°	302.8	302.4	302.0	301.5	301.7	301.4	301.7	301.4	301.9	302.0	301.9
14°	301.8	301.7	301.2	300.9	300.9	300.8	300.5	300.6	301.0	301.1	301.0
14.5°	301.3	300.7	300.5	299.8	300.0	299.8	300.1	299.8	300.1	300.2	300.0
15°	300.1	300.2	299.6	299.2	299.2	299.1	298.9	299.0	299.3	299.5	299.5
15.5°	299.3	299.0	298.6	298.1	298.1	298.1	298.2	298.2	298.3	298.4	298.5
16°	298.6	298.5	297.8	297.5	297.5	297.4	297.1	297.1	297.4	297.7	297.6
16.5°	297.7	297.2	296.8	296.3	296.3	296.2	296.3	296.2	296.6	296.8	296.6
17°	296.6	296.5	295.9	295.6	295.6	295.4	295.5	295.3	295.5	295.6	295.7
17.5°	295.7	295.5	294.9	294.3	294.5	294.3	294.4	294.0	294.6	294.7	294.7
18°	294.5	294.5	294.0	293.6	293.6	293.3	293.3	293.3	293.5	293.7	293.7
18.5°	293.7	293.3	292.7	292.2	292.5	292.3	292.4	292.1	292.4	292.7	292.6
19°	292.5	292.5	291.8	291.4	291.3	291.2	291.0	291.4	291.5	291.7	291.7
19.5°	291.5	291.1	290.7	290.1	290.4	290.2	290.3	289.9	290.2	290.4	290.6
20°	290.4	290.3	289.6	289.3	289.3	289.1	289.0	288.9	289.2	289.4	289.5
20.5°	289.4	289.0	288.4	288.0	287.9	287.8	287.7	287.7	288.1	288.4	288.4
21°	288.3	287.9	287.3	286.8	286.9	286.7	286.7	286.5	286.8	287.1	287.1

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CATALOG NUMBER: SMX4SLSFSD2W-800LM-3000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
22.5°	284.7	284.2	283.7	283.2	283.2	283.1	282.9	282.8	283.2	283.4	283.4
23°	283.4	283.0	282.5	281.9	282.1	281.9	281.6	281.6	281.9	282.2	282.4
23.5°	282.1	281.7	281.2	280.6	280.6	280.4	280.5	280.4	280.6	280.9	280.9
24°	280.8	280.4	279.9	279.4	279.5	279.2	279.0	278.9	279.2	279.5	279.7
24.5°	279.4	279.2	278.6	277.8	278.1	277.6	277.7	277.8	278.1	278.2	278.4
25°	278.0	277.7	277.2	276.8	276.7	276.5	276.3	276.3	276.5	276.8	277.0
25.5°	276.8	276.2	275.8	275.0	275.2	275.0	275.2	274.9	275.1	275.5	275.6
26°	275.2	275.0	274.5	273.9	274.1	273.6	273.5	273.6	273.7	273.9	274.3
26.5°	274.0	273.6	273.0	272.3	272.4	272.2	272.3	272.1	272.2	272.5	272.8
27°	272.4	272.2	271.5	270.9	271.0	270.9	270.7	270.6	270.9	271.2	271.2
27.5°	271.0	270.5	270.0	269.6	269.5	269.1	269.3	269.1	269.4	269.6	270.0
28°	269.3	269.2	268.5	267.9	268.1	268.0	267.6	267.5	267.9	268.0	268.4
28.5°	268.0	267.6	266.9	266.4	266.5	266.2	266.3	266.1	266.3	266.5	266.8
29°	266.5	266.2	265.5	264.9	264.9	264.7	264.6	264.6	264.8	265.0	265.2
29.5°	265.0	264.5	263.9	263.3	263.4	263.2	263.1	263.0	263.2	263.5	264.0
30°	263.2	262.9	262.4	261.7	262.0	261.7	261.6	261.4	261.6	262.0	262.1
30.5°	261.9	261.3	260.7	260.1	260.2	259.8	260.0	259.6	259.9	260.2	260.5
31°	260.0	259.7	259.2	258.5	258.7	258.4	258.3	258.0	258.4	258.8	258.8
31.5°	258.7	258.0	257.5	256.8	257.0	256.6	256.7	256.5	256.6	257.0	257.3
32°	256.7	256.4	255.8	255.1	255.4	254.9	254.8	254.7	255.1	255.5	255.7
32.5°	255.2	254.8	254.1	253.5	253.6	253.3	253.3	253.2	253.2	253.6	253.9
33°	253.5	252.9	252.5	251.7	252.0	251.6	251.5	251.3	251.6	252.0	252.2
33.5°	251.8	251.4	250.7	250.0	250.3	249.9	249.8	249.7	249.9	250.2	250.4
34°	249.9	249.6	248.8	248.2	248.6	248.1	248.0	247.9	248.0	248.3	248.7
34.5°	248.3	247.8	247.3	246.4	246.5	246.4	246.2	246.1	246.3	246.7	247.0
35°	246.3	246.1	245.3	244.7	245.0	244.6	244.5	244.4	244.5	244.9	245.1
35.5°	244.7	244.2	243.6	242.8	243.1	242.6	242.7	242.4	242.7	242.9	243.5
36°	242.7	242.5	241.7	241.1	241.5	241.1	240.8	240.7	241.0	241.4	241.4
36.5°	241.0	240.5	239.9	239.1	239.4	239.0	239.1	238.8	239.0	239.3	239.8
37°	239.0	238.8	238.0	237.4	237.8	237.3	237.1	237.0	237.3	237.7	237.8
37.5°	237.2	236.7	236.2	235.4	235.6	235.3	235.2	235.1	235.2	235.5	236.0
38°	235.3	235.0	234.2	233.6	234.0	233.6	233.5	233.2	233.4	233.8	234.1
38.5°	233.4	233.0	232.3	231.6	231.9	231.5	231.2	231.3	231.4	231.7	232.0
39°	231.3	231.2	230.3	229.8	230.1	229.6	229.5	229.5	229.5	229.9	230.4
39.5°	229.7	229.0	228.5	227.8	228.0	227.6	227.5	227.3	227.6	227.9	228.2
40°	227.5	227.3	226.3	225.7	226.2	225.7	225.4	225.4	225.5	225.9	226.3
40.5°	225.6	225.0	224.5	223.8	224.0	223.6	223.4	223.3	223.7	223.9	224.3
41°	223.6	223.2	222.3	221.8	222.2	221.6	221.6	221.5	221.6	221.9	222.3
41.5°	221.6	221.0	220.4	219.6	220.0	219.5	219.4	219.3	219.5	219.9	220.3
42°	219.5	219.3	218.4	217.8	218.1	217.7	217.6	217.3	217.5	217.8	218.3
42.5°	217.5	217.0	216.3	215.5	216.0	215.4	215.3	215.2	215.5	215.8	216.1
43°	215.2	215.0	214.3	213.6	213.9	213.6	213.4	213.2	213.5	213.8	214.3
43.5°	213.4	212.9	212.1	211.3	211.8	211.5	211.2	211.0	211.2	211.6	212.0

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	206.8	206.6	205.7	205.0	205.5	205.1	204.8	204.8	204.9	205.2	205.6
45.5°	204.8	204.2	203.6	202.9	203.3	202.7	202.6	202.6	202.6	203.2	203.5
46°	202.6	202.4	201.4	200.8	201.3	200.6	200.6	200.4	200.7	200.9	201.3
46.5°	200.4	199.9	199.2	198.4	198.9	198.5	198.3	198.2	198.4	198.8	199.1
47°	198.2	197.8	196.9	196.3	196.8	196.2	196.2	196.0	196.2	196.4	197.0
47.5°	196.0	195.5	195.0	194.0	194.7	194.0	193.8	193.8	193.9	194.3	194.6
48°	193.7	193.3	192.5	191.8	192.3	191.9	191.7	191.5	191.8	192.1	192.5
48.5°	191.5	191.1	190.4	189.6	190.1	189.5	189.4	189.3	189.5	189.8	190.2
49°	189.3	188.9	188.2	187.4	188.0	187.4	187.2	187.0	187.2	187.6	188.0
49.5°	186.9	186.5	185.7	185.1	185.5	185.0	184.9	184.9	184.9	185.2	185.7
50°	184.6	184.1	183.6	182.7	183.3	182.9	182.7	182.5	182.7	183.0	183.4
50.5°	182.4	182.0	181.2	180.4	180.8	180.3	180.2	180.2	180.3	180.7	181.1
51°	179.9	179.6	179.0	178.1	178.7	178.1	178.0	177.8	178.1	178.2	178.7
51.5°	177.7	177.3	176.4	175.6	176.2	175.9	175.5	175.6	175.7	176.1	176.5
52°	175.3	174.9	174.4	173.5	174.2	173.5	173.3	173.2	173.4	173.6	174.1
52.5°	173.0	172.5	171.8	171.0	171.5	171.2	170.7	170.9	170.9	171.4	171.8
53°	170.5	170.1	169.5	168.7	169.3	168.8	168.6	168.5	168.6	168.9	169.4
53.5°	168.1	167.7	167.0	166.1	166.8	166.4	166.0	166.1	166.1	166.5	167.0
54°	165.7	165.3	164.7	163.9	164.5	164.0	163.9	163.7	163.8	164.1	164.6
54.5°	163.3	162.9	162.1	161.2	162.0	161.5	161.3	161.3	161.3	161.6	162.2
55°	160.8	160.5	159.8	159.2	159.7	159.1	159.0	158.9	159.0	159.4	159.8
55.5°	158.5	158.0	157.3	156.5	157.1	156.7	156.6	156.3	156.5	157.0	157.3
56°	155.8	155.6	154.8	154.2	154.7	154.2	154.0	154.1	154.2	154.3	154.8
56.5°	153.5	153.1	152.3	151.5	152.2	151.9	151.5	151.4	151.5	152.0	152.5
57°	150.9	150.6	149.8	149.2	149.8	149.2	149.1	149.0	149.0	149.4	149.9
57.5°	148.3	148.1	147.3	146.6	147.3	146.8	146.5	146.5	146.6	147.0	147.4
58°	146.0	145.6	144.8	144.2	144.8	144.3	144.2	144.0	144.1	144.4	144.9
58.5°	143.3	143.0	142.3	141.6	142.1	141.8	141.6	141.5	141.6	141.9	142.5
59°	140.8	140.5	139.8	139.1	139.8	139.2	139.1	139.0	139.1	139.4	139.9
59.5°	138.3	137.9	137.2	136.5	137.1	136.7	136.5	136.4	136.4	136.9	137.4
60°	135.7	135.3	134.6	134.0	134.6	134.0	134.0	133.8	134.1	134.3	134.7
60.5°	133.1	132.8	132.1	131.3	132.1	131.6	131.4	131.3	131.4	131.8	132.2
61°	130.5	130.2	129.5	128.8	129.5	129.0	128.9	128.8	128.8	129.2	129.6
61.5°	127.9	127.7	126.9	126.2	126.8	126.6	126.3	126.2	126.3	126.7	127.1
62°	125.4	124.9	124.3	123.6	124.3	123.8	123.7	123.7	123.8	124.0	124.4
62.5°	122.7	122.3	121.7	121.0	121.7	121.3	121.1	120.9	121.0	121.5	122.0
63°	120.0	119.7	119.0	118.4	119.1	118.6	118.5	118.5	118.5	118.8	119.2
63.5°	117.4	117.1	116.4	115.7	116.4	116.0	115.8	115.6	115.7	116.2	116.6
64°	114.7	114.4	113.7	113.1	113.9	113.4	113.3	113.2	113.3	113.5	113.9
64.5°	112.1	111.8	111.0	110.4	111.2	110.7	110.6	110.4	110.6	111.0	111.4
65°	109.4	109.1	108.4	107.8	108.6	108.2	108.0	107.9	108.0	108.3	108.7
65.5°	106.7	106.5	105.7	105.2	105.9	105.5	105.3	105.2	105.3	105.7	106.1
66°	104.0	103.7	103.0	102.4	103.3	102.8	102.7	102.6	102.6	103.0	103.4

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997177

CATALOG NUMBER: SMX4SLSFSD2W-800LM-3000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	96.0	95.6	95.0	94.4	95.2	94.9	94.6	94.5	94.6	94.9	95.4
68°	93.3	93.0	92.3	91.8	92.5	92.1	92.0	91.9	92.0	92.2	92.7
68.5°	90.5	90.2	89.7	88.9	89.9	89.4	89.3	89.2	89.2	89.6	90.1
69°	87.8	87.6	86.9	86.4	87.1	86.8	86.7	86.6	86.6	86.8	87.3
69.5°	85.1	84.8	84.2	83.6	84.5	84.1	84.0	83.8	83.9	84.3	84.6
70°	82.4	82.0	81.4	81.0	81.8	81.4	81.2	81.2	81.2	81.4	81.9
70.5°	79.7	79.4	78.8	78.1	79.1	78.7	78.5	78.4	78.5	78.8	79.3
71°	77.0	76.6	76.1	75.5	76.4	76.0	75.9	75.9	75.8	76.1	76.6
71.5°	74.2	74.0	73.4	72.8	73.7	73.3	73.2	73.0	73.1	73.5	73.9
72°	71.5	71.2	70.7	70.2	71.0	70.7	70.7	70.6	70.6	70.8	71.2
72.5°	68.8	68.5	67.9	67.3	68.3	68.0	68.0	67.9	67.9	68.1	68.5
73°	66.1	65.8	65.2	64.8	65.6	65.4	65.3	65.2	65.2	65.5	65.8
73.5°	63.3	63.1	62.6	62.1	62.9	62.7	62.7	62.5	62.6	62.8	63.1
74°	60.7	60.4	59.9	59.4	60.2	60.0	60.0	59.8	59.9	60.1	60.4
74.5°	58.0	57.8	57.3	56.7	57.6	57.4	57.3	57.1	57.2	57.5	57.9
75°	55.3	55.1	54.6	54.2	55.0	54.7	54.7	54.5	54.6	54.8	55.1
75.5°	52.7	52.4	51.9	51.4	52.4	52.0	52.0	51.9	51.9	52.2	52.7
76°	50.0	49.8	49.3	48.8	49.7	49.4	49.4	49.2	49.3	49.5	49.9
76.5°	47.4	47.2	46.7	46.2	47.1	46.8	46.8	46.6	46.7	47.0	47.4
77°	44.8	44.5	44.1	43.7	44.6	44.3	44.2	44.1	44.2	44.4	44.7
77.5°	42.3	42.0	41.6	41.1	42.0	41.8	41.6	41.5	41.6	41.9	42.3
78°	39.7	39.5	39.1	38.6	39.5	39.2	39.2	39.1	39.1	39.3	39.7
78.5°	37.2	37.0	36.5	36.1	36.9	36.7	36.6	36.5	36.6	36.9	37.2
79°	34.7	34.5	34.1	33.7	34.5	34.3	34.3	34.2	34.2	34.4	34.7
79.5°	32.2	32.1	31.7	31.2	32.1	31.9	31.8	31.7	31.7	32.1	32.3
80°	29.8	29.6	29.3	28.9	29.7	29.5	29.5	29.4	29.4	29.6	29.9
80.5°	27.6	27.4	27.1	26.7	27.4	27.1	27.1	27.0	27.0	27.3	27.6
81°	25.4	25.2	24.9	24.5	25.1	24.9	24.8	24.7	24.8	25.0	25.3
81.5°	23.2	23.0	22.7	22.4	22.9	22.7	22.6	22.5	22.6	22.8	23.1
82°	21.0	20.8	20.5	20.2	20.7	20.5	20.5	20.4	20.4	20.6	20.9
82.5°	18.8	18.6	18.3	18.0	18.6	18.5	18.4	18.3	18.3	18.5	18.8
83°	16.7	16.6	16.2	15.9	16.6	16.4	16.4	16.3	16.3	16.5	16.7
83.5°	14.8	14.6	14.3	14.0	14.6	14.5	14.4	14.4	14.4	14.6	14.8
84°	12.9	12.8	12.5	12.2	12.8	12.6	12.6	12.6	12.6	12.8	13.0
84.5°	11.1	11.0	10.8	10.5	11.1	10.9	10.9	10.8	10.9	11.0	11.2
85°	9.5	9.4	9.1	8.9	9.4	9.6	9.5	9.4	9.6	9.4	9.5
85.5°	8.0	7.9	7.6	7.4	8.1	8.3	8.1	8.1	8.3	8.1	8.3
86°	6.6	6.4	6.3	6.0	6.9	7.0	6.7	6.7	7.0	6.9	7.0
86.5°	5.2	5.2	5.0	4.8	5.6	5.7	5.3	5.3	5.7	5.7	5.8
87°	4.1	4.1	3.9	3.8	4.4	4.4	4.0	3.9	4.4	4.4	4.5
87.5°	3.1	3.1	3.0	2.9	3.1	3.0	3.0	3.0	3.1	3.2	3.3
88°	2.5	2.5	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.5
88.5°	1.9	1.8	1.8	1.7	1.6	1.6	1.7	1.7	1.7	1.8	1.8

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

Scaled Data Report



TEST NUMBER: P997177
CATALOG NUMBER: SMX4SLSFSD2W-800LM-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: P997177

CATALOG NUMBER: SMX4SLSFSD2W-800LM-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	312.5	312.5	312.5	312.5	312.5	312.5
0.5°	312.3	312.1	312.2	312.5	312.6	313.1
1°	312.4	312.1	312.4	312.5	312.6	312.8
1.5°	312.3	312.0	312.1	312.5	312.6	312.9
2°	312.2	312.0	312.1	312.0	312.6	312.7
2.5°	312.1	311.7	311.9	312.4	312.4	312.6
3°	312.1	311.8	312.0	311.8	312.4	312.6
3.5°	311.7	311.3	311.5	311.9	311.9	312.5
4°	311.6	311.4	311.6	311.6	311.9	312.0
4.5°	311.1	310.8	311.1	311.4	311.6	311.8
5°	311.1	310.8	311.0	311.1	311.6	311.5
5.5°	310.7	310.5	310.3	311.0	310.9	311.5
6°	310.3	310.0	310.4	310.3	310.9	311.0
6.5°	310.0	309.8	309.9	310.2	310.4	310.7
7°	309.7	309.3	309.5	309.8	310.1	310.1
7.5°	309.1	308.8	309.1	309.4	309.6	310.1
8°	308.9	308.5	308.9	308.8	309.2	309.4
8.5°	308.3	308.0	308.1	308.7	308.5	309.1
9°	307.9	307.5	307.8	307.8	308.5	308.3
9.5°	307.2	306.9	307.0	307.5	307.5	308.0
10°	306.8	306.3	306.8	306.8	307.2	307.3
10.5°	306.1	305.5	305.8	306.4	306.6	306.9
11°	305.4	305.4	305.5	305.5	305.8	306.1
11.5°	305.0	304.3	304.7	305.0	305.4	305.7
12°	304.3	303.7	304.1	304.2	304.5	304.8
12.5°	303.5	303.0	303.2	303.8	304.0	304.0
13°	302.8	302.4	302.7	303.0	303.2	303.5
13.5°	302.1	301.5	301.8	302.2	302.5	302.8
14°	301.3	300.9	301.1	301.5	301.8	301.8
14.5°	300.4	299.9	300.1	300.5	300.8	301.3
15°	299.8	299.1	299.4	299.6	300.1	300.1
15.5°	298.7	298.3	298.5	299.0	299.2	299.3
16°	297.8	297.3	297.6	297.8	298.5	298.6
16.5°	296.8	296.5	296.6	297.3	297.3	297.7
17°	296.0	295.5	295.8	296.0	296.6	296.6
17.5°	295.0	294.5	294.7	295.2	295.5	295.7
18°	293.7	293.4	293.9	294.3	294.4	294.5
18.5°	293.1	292.5	292.8	293.2	293.6	293.7
19°	291.8	291.6	291.8	292.0	292.5	292.5
19.5°	290.8	290.3	290.6	291.1	291.5	291.5
20°	289.7	289.3	289.7	289.9	290.3	290.4
20.5°	288.4	288.1	288.2	289.0	289.2	289.4
21°	287.4	287.0	287.4	287.5	288.0	288.3

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997177

CATALOG NUMBER: SMX4SLSFSD2W-800LM-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	283.9	283.2	283.5	284.3	284.4	284.7
23°	282.4	282.1	282.7	282.7	283.3	283.4
23.5°	281.4	280.8	281.1	281.8	282.0	282.1
24°	280.0	279.5	279.9	280.3	280.7	280.8
24.5°	278.7	278.0	278.5	279.1	279.3	279.4
25°	277.3	276.9	277.1	277.6	278.1	278.0
25.5°	275.8	275.3	275.8	276.4	276.6	276.8
26°	274.5	274.1	274.5	274.8	275.3	275.2
26.5°	273.1	272.4	272.9	273.6	273.8	274.0
27°	271.6	271.1	271.5	272.0	272.4	272.4
27.5°	270.1	269.5	270.1	270.6	270.9	271.0
28°	268.6	268.1	268.5	269.0	269.4	269.3
28.5°	267.1	266.6	266.9	267.6	267.9	268.0
29°	265.7	265.1	265.6	266.0	266.6	266.5
29.5°	264.0	263.6	263.9	264.6	264.8	265.0
30°	262.5	262.0	262.4	262.7	263.5	263.2
30.5°	260.7	260.3	260.7	261.5	261.4	261.9
31°	259.4	258.8	259.2	259.6	260.4	260.0
31.5°	257.4	257.1	257.5	258.3	258.2	258.7
32°	256.2	255.3	256.0	256.4	256.7	256.7
32.5°	254.1	253.8	254.2	254.7	255.0	255.2
33°	252.7	252.0	252.5	253.0	253.5	253.5
33.5°	250.5	250.2	250.8	251.3	251.8	251.8
34°	249.3	248.7	249.1	249.5	250.0	249.9
34.5°	247.2	246.7	247.2	247.7	248.3	248.3
35°	245.6	245.0	245.5	246.0	246.5	246.3
35.5°	243.7	243.2	243.7	244.3	244.7	244.7
36°	242.0	241.4	241.8	242.3	242.9	242.7
36.5°	240.1	239.4	240.0	240.7	240.9	241.0
37°	238.3	237.6	238.2	238.7	239.1	239.0
37.5°	236.3	235.7	236.2	236.9	237.1	237.2
38°	234.5	234.0	234.4	234.9	235.5	235.3
38.5°	232.5	232.0	232.4	233.1	233.4	233.4
39°	230.8	229.9	230.6	231.1	231.6	231.3
39.5°	228.6	228.1	228.6	229.1	229.6	229.7
40°	226.8	226.0	226.6	227.2	227.6	227.5
40.5°	224.6	224.1	224.6	225.2	225.5	225.6
41°	222.9	222.1	222.7	223.1	223.6	223.6
41.5°	220.7	220.1	220.6	221.1	221.5	221.6
42°	218.7	218.0	218.5	219.1	219.5	219.5
42.5°	216.5	216.0	216.5	217.0	217.3	217.5
43°	214.7	214.0	214.6	214.9	215.5	215.2
43.5°	212.4	211.8	212.3	212.9	213.3	213.4

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997177

CATALOG NUMBER: SMX4SLSFSD2W-800LM-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	206.2	205.4	206.0	206.5	206.9	206.8
45.5°	203.9	203.3	203.8	204.2	204.7	204.8
46°	201.8	201.2	201.6	202.2	202.7	202.6
46.5°	199.5	198.8	199.5	199.9	200.4	200.4
47°	197.5	196.8	197.2	197.8	198.1	198.2
47.5°	195.1	194.6	195.1	195.6	195.9	196.0
48°	193.0	192.2	192.9	193.3	193.8	193.7
48.5°	190.6	190.0	190.5	191.1	191.5	191.5
49°	188.5	187.8	188.3	188.8	189.2	189.3
49.5°	186.0	185.5	186.0	186.5	186.9	186.9
50°	184.1	183.1	183.8	184.2	184.7	184.6
50.5°	181.6	181.0	181.4	181.8	182.3	182.4
51°	179.2	178.5	179.0	179.6	179.9	179.9
51.5°	177.0	176.2	176.8	177.2	177.6	177.7
52°	174.6	173.9	174.4	175.0	175.3	175.3
52.5°	172.3	171.5	172.0	172.5	173.0	173.0
53°	169.8	169.0	169.7	170.1	170.5	170.5
53.5°	167.5	166.7	167.2	167.7	168.2	168.1
54°	165.0	164.3	164.7	165.4	165.6	165.7
54.5°	162.6	161.9	162.5	162.9	163.4	163.3
55°	160.3	159.4	159.9	160.5	160.8	160.8
55.5°	157.8	157.1	157.6	157.9	158.3	158.5
56°	155.3	154.5	155.0	155.5	156.0	155.8
56.5°	152.9	152.1	152.7	153.0	153.4	153.5
57°	150.4	149.6	150.1	150.6	151.0	150.9
57.5°	147.9	147.1	147.5	148.0	148.3	148.3
58°	145.4	144.4	145.0	145.6	146.0	146.0
58.5°	142.9	142.1	142.6	143.0	143.4	143.3
59°	140.4	139.5	140.0	140.5	140.8	140.8
59.5°	137.7	137.0	137.5	137.9	138.3	138.3
60°	135.3	134.4	134.9	135.4	135.8	135.7
60.5°	132.7	131.9	132.3	132.7	133.1	133.1
61°	130.1	129.1	129.7	130.1	130.4	130.5
61.5°	127.4	126.7	127.3	127.6	128.0	127.9
62°	125.0	124.0	124.5	125.0	125.3	125.4
62.5°	122.3	121.5	122.0	122.3	122.7	122.7
63°	119.8	118.8	119.3	119.8	120.1	120.0
63.5°	117.0	116.2	116.8	117.0	117.5	117.4
64°	114.5	113.5	114.0	114.5	114.8	114.7
64.5°	111.8	110.9	111.5	111.8	112.1	112.1
65°	109.2	108.3	108.7	109.1	109.5	109.4
65.5°	106.5	105.7	106.1	106.4	106.8	106.7
66°	103.9	102.9	103.4	103.7	104.1	104.0

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997177

CATALOG NUMBER: SMX4SLSFSD2W-800LM-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	95.9	94.9	95.4	95.7	96.0	96.0
68°	93.1	92.2	92.6	93.0	93.2	93.3
68.5°	90.4	89.5	89.9	90.2	90.6	90.5
69°	87.8	86.7	87.2	87.5	87.8	87.8
69.5°	85.1	84.1	84.5	84.8	85.1	85.1
70°	82.4	81.4	81.8	82.1	82.3	82.4
70.5°	79.7	78.7	79.1	79.4	79.7	79.7
71°	77.1	76.0	76.4	76.6	76.9	77.0
71.5°	74.3	73.2	73.7	73.9	74.3	74.2
72°	71.7	70.6	70.9	71.3	71.5	71.5
72.5°	69.0	67.9	68.3	68.5	68.9	68.8
73°	66.3	65.2	65.5	65.9	66.1	66.1
73.5°	63.6	62.5	62.9	63.1	63.4	63.3
74°	61.0	59.8	60.2	60.5	60.6	60.7
74.5°	58.3	57.2	57.5	57.8	58.1	58.0
75°	55.6	54.5	54.9	55.1	55.4	55.3
75.5°	52.9	51.9	52.2	52.5	52.7	52.7
76°	50.3	49.2	49.6	49.8	50.1	50.0
76.5°	47.6	46.6	47.0	47.2	47.5	47.4
77°	45.1	44.1	44.3	44.7	44.9	44.8
77.5°	42.5	41.5	41.9	42.0	42.3	42.3
78°	40.1	39.0	39.3	39.5	39.8	39.7
78.5°	37.5	36.5	36.9	37.0	37.2	37.2
79°	35.0	34.1	34.4	34.5	34.7	34.7
79.5°	32.6	31.6	31.9	32.1	32.3	32.2
80°	30.2	29.3	29.5	29.7	29.9	29.8
80.5°	27.9	27.1	27.3	27.5	27.7	27.6
81°	25.6	24.9	25.1	25.2	25.5	25.4
81.5°	23.3	22.7	22.9	23.0	23.3	23.2
82°	21.1	20.5	20.7	20.8	21.0	21.0
82.5°	19.0	18.3	18.5	18.6	18.8	18.8
83°	17.0	16.2	16.4	16.5	16.7	16.7
83.5°	15.0	14.3	14.5	14.6	14.8	14.8
84°	13.1	12.5	12.7	12.7	12.9	12.9
84.5°	11.4	10.8	10.9	11.0	11.2	11.1
85°	9.7	9.1	9.2	9.3	9.5	9.5
85.5°	8.4	7.6	7.7	7.8	7.9	8.0
86°	7.2	6.2	6.3	6.4	6.5	6.6
86.5°	5.9	5.0	5.1	5.1	5.3	5.2
87°	4.6	3.9	4.0	4.0	4.1	4.1
87.5°	3.3	2.9	3.0	3.1	3.2	3.1
88°	2.5	2.4	2.4	2.5	2.5	2.5
88.5°	1.8	1.8	1.8	1.9	1.9	1.9

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Scaled Data Report



TEST NUMBER: P997177
CATALOG NUMBER: SMX4SLSFSD2W-800LM-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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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°	287.1	286.7	286.0	285.6	285.6	285.4	285.5	285.3	285.6	285.9	286.1
22°	285.7	285.5	285.0	284.4	284.8	284.3	284.3	284.1	284.4	284.8	284.9



44°	210.9	211.0	210.1	209.4	209.8	209.4	209.0	209.1	209.2	209.5	209.8
44.5°	209.0	208.6	207.9	207.1	207.6	207.0	207.0	206.7	207.0	207.4	207.9



66.5°	101.3	101.1	100.4	99.7	100.6	100.2	99.9	99.9	99.9	100.3	100.7
67°	98.6	98.4	97.7	97.1	97.9	97.5	97.4	97.3	97.3	97.7	98.0



89°	1.2	1.2	1.2	1.2	1.1	1.1	1.2	1.2	1.2	1.3	1.3
89.5°	0.6	0.6	0.6	0.6	0.8	0.7	0.8	0.8	0.9	0.9	0.9

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21.5°	286.2	285.5	286.0	286.5	286.8	287.1
22°	285.0	284.7	285.1	285.2	285.8	285.7

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44°	210.5	209.6	210.1	210.7	211.2	210.9
44.5°	208.2	207.6	208.1	208.6	209.1	209.0

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66.5°	101.2	100.3	100.8	101.0	101.4	101.3
67°	98.5	97.5	97.9	98.3	98.6	98.6

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89°	1.2	1.2	1.2	1.2	1.3	1.2
89.5°	0.8	0.6	0.6	0.6	0.6	0.6

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Scaled Data Report



(END OF REPORT)