

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: P997180

Luminaire Tested: **SMX4SLSFSD2W-800LM-5000K**

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: P997180
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-5000K
Description: 4IN SQAURE, 90CRI, DIMMING TO 10%, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 5000K CCT
Ballast/Driver: -

Summary

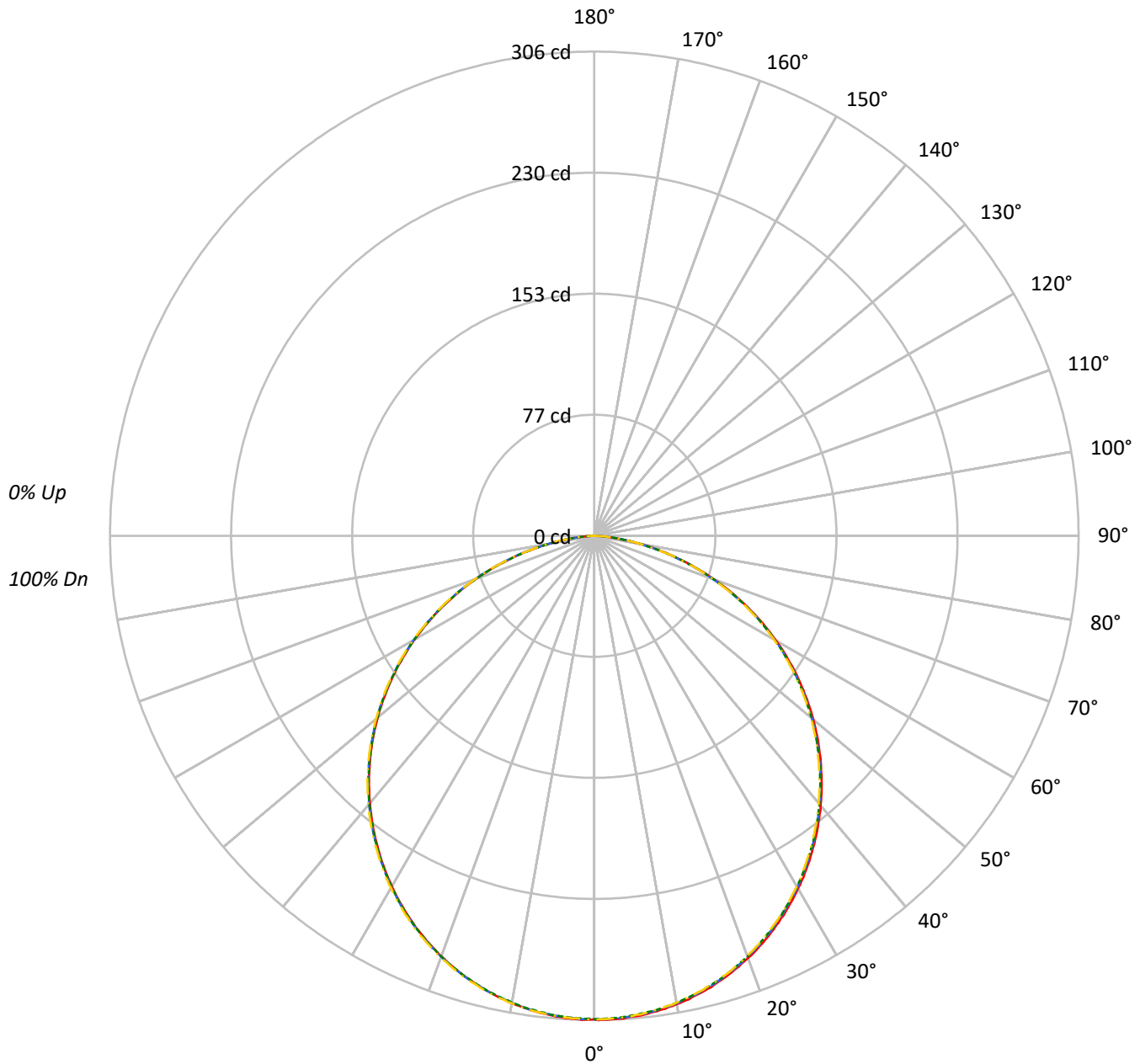
Lumens per Lamp: N/A
Luminaire Lumens: 854.8 lumens
Efficiency: N/A
Efficacy: 97.1 lumens/watt
Spacing Criteria (0/90/45): 1.25 / 1.25 / 1.37
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
CIE Type: Direct

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



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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°	30206	30206	30206	30206
5°	30232	30173	30202	30163
10°	30160	30070	30100	30070
15°	30034	29941	29952	29931
20°	29873	29768	29747	29757
25°	29653	29512	29490	29534
30°	29378	29241	29195	29241
35°	29056	28911	28851	28911
40°	28696	28541	28451	28515
45°	28278	28097	28013	28083
50°	27756	27556	27464	27540
55°	27090	26900	26797	26866
60°	26233	26035	25936	25976
65°	25025	24838	24721	24768
70°	23293	23120	22975	23004
75°	20661	20546	20393	20355
80°	16621	16564	16393	16279
85°	10547	10434	10660	10093

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°	28.9	3.4
10°-20°	82.6	9.7
20°-30°	124.8	14.6
30°-40°	150.0	17.5
40°-50°	155.1	18.1
50°-60°	139.5	16.3
60°-70°	104.9	12.3
70°-80°	56.8	6.6
80°-90°	12.0	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°	236.4	27.7
0°-40°	386.4	45.2
0°-60°	681.0	79.7
0°-90°	854.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	854.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	306	306	306	306	306	
5°	305	304	304	304	305	29
15°	294	293	293	292	294	83
25°	272	271	270	271	272	125
35°	241	240	239	240	241	151
45°	202	201	200	201	202	156
55°	157	156	156	156	157	140
65°	107	106	106	106	107	106
75°	54	54	53	53	54	57
85°	9	9	9	9	9	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°	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6
0.5°	306.2	305.9	305.7	305.5	305.3	305.4	305.7	305.7	305.9	305.9	305.8
1°	305.9	306.0	305.5	305.6	305.4	305.3	305.5	305.8	305.8	305.9	305.5
1.5°	306.0	305.7	305.7	305.4	305.2	305.2	305.6	305.5	306.0	305.6	305.5
2°	305.8	305.9	305.4	305.4	304.9	305.3	305.3	305.4	305.6	305.7	305.4
2.5°	305.7	305.5	305.3	304.8	305.0	305.0	305.2	305.2	305.7	305.6	305.0
3°	305.7	305.5	305.2	305.2	304.8	305.0	305.0	305.1	305.3	305.5	305.0
3.5°	305.7	305.5	304.9	304.8	304.6	304.6	304.9	305.0	305.3	305.2	304.9
4°	305.1	305.2	304.8	304.5	304.5	304.4	304.5	304.6	304.8	304.9	304.6
4.5°	304.9	304.9	304.6	304.3	304.0	304.2	304.5	304.4	304.8	304.7	304.4
5°	304.7	304.6	304.3	304.0	304.1	304.1	303.9	304.2	304.4	304.4	304.1
5.5°	304.6	304.4	304.0	303.8	303.5	303.5	304.0	303.6	304.0	304.1	303.7
6°	304.2	304.2	303.7	303.6	303.2	303.4	303.3	303.5	303.7	303.9	303.6
6.5°	303.9	303.6	303.2	303.0	302.8	302.8	303.2	303.0	303.5	303.4	303.1
7°	303.3	303.3	302.9	302.6	302.7	302.6	302.5	302.8	302.9	303.1	302.8
7.5°	303.2	302.9	302.4	302.1	302.2	302.0	302.3	302.2	302.6	302.5	302.4
8°	302.5	302.5	302.2	301.8	301.6	301.8	301.9	301.8	302.0	302.3	301.9
8.5°	302.3	301.9	301.4	301.1	301.3	300.9	301.1	301.2	301.6	301.5	301.5
9°	301.5	301.4	301.1	301.0	300.6	300.8	300.7	300.8	301.0	301.4	300.8
9.5°	301.2	301.0	300.5	300.1	300.3	300.1	300.4	300.1	300.6	300.5	300.4
10°	300.5	300.5	300.0	299.7	299.6	299.5	299.4	299.6	299.9	300.0	299.8
10.5°	300.1	299.7	299.4	298.9	299.0	298.9	299.3	298.8	299.4	299.5	299.4
11°	299.4	299.3	298.8	298.6	298.4	298.5	298.0	298.5	298.6	298.7	298.4
11.5°	299.0	298.6	298.1	297.9	297.8	297.6	297.8	297.7	298.2	298.2	298.1
12°	298.1	297.9	297.3	297.1	297.1	297.1	297.0	297.0	297.3	297.3	297.1
12.5°	297.3	297.3	296.9	296.5	296.3	296.3	296.3	296.3	296.7	296.7	296.6
13°	296.8	296.4	296.2	295.7	295.8	295.6	295.6	295.5	295.8	295.9	295.9
13.5°	296.1	295.7	295.3	294.8	295.0	294.7	295.0	294.8	295.2	295.4	295.2
14°	295.1	295.0	294.5	294.3	294.3	294.2	293.9	294.0	294.3	294.5	294.3
14.5°	294.7	294.1	293.9	293.2	293.4	293.2	293.5	293.2	293.5	293.6	293.4
15°	293.5	293.5	293.0	292.6	292.6	292.5	292.3	292.4	292.7	292.9	292.9
15.5°	292.7	292.4	292.0	291.5	291.5	291.5	291.7	291.6	291.7	291.8	291.9
16°	292.0	291.9	291.3	290.9	291.0	290.8	290.5	290.6	290.8	291.2	291.0
16.5°	291.1	290.7	290.2	289.8	289.7	289.7	289.8	289.7	290.1	290.2	290.1
17°	290.1	289.9	289.4	289.0	289.1	288.9	289.0	288.8	289.0	289.1	289.1
17.5°	289.2	289.0	288.4	287.8	288.0	287.8	287.9	287.6	288.1	288.2	288.2
18°	288.0	288.0	287.5	287.1	287.1	286.8	286.9	286.9	287.0	287.2	287.2
18.5°	287.3	286.8	286.3	285.8	286.0	285.9	286.0	285.6	286.0	286.3	286.2
19°	286.0	286.1	285.4	285.0	284.9	284.8	284.6	284.9	285.1	285.3	285.2
19.5°	285.1	284.7	284.3	283.7	284.0	283.8	283.9	283.5	283.8	284.0	284.2
20°	284.0	283.9	283.2	283.0	283.0	282.7	282.6	282.6	282.8	283.1	283.1
20.5°	283.0	282.6	282.0	281.6	281.5	281.5	281.4	281.3	281.7	282.0	282.0
21°	281.9	281.6	281.0	280.5	280.6	280.4	280.4	280.2	280.5	280.7	280.8

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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°	278.4	277.9	277.4	277.0	276.9	276.9	276.7	276.6	277.0	277.1	277.2
23°	277.1	276.7	276.3	275.7	275.9	275.7	275.4	275.4	275.7	275.9	276.2
23.5°	275.9	275.5	275.0	274.5	274.5	274.2	274.3	274.2	274.4	274.7	274.7
24°	274.6	274.3	273.7	273.2	273.4	273.1	272.9	272.8	273.0	273.4	273.5
24.5°	273.3	273.0	272.5	271.7	272.0	271.5	271.6	271.7	272.0	272.0	272.3
25°	271.9	271.6	271.1	270.7	270.6	270.4	270.2	270.2	270.4	270.7	270.9
25.5°	270.7	270.2	269.8	269.0	269.2	268.9	269.1	268.9	269.1	269.4	269.5
26°	269.1	269.0	268.4	267.9	268.1	267.5	267.5	267.5	267.7	267.9	268.2
26.5°	268.0	267.6	267.0	266.3	266.4	266.2	266.3	266.1	266.3	266.5	266.8
27°	266.4	266.2	265.5	264.9	265.1	265.0	264.7	264.6	264.9	265.2	265.2
27.5°	265.1	264.6	264.0	263.6	263.6	263.2	263.4	263.2	263.4	263.7	264.0
28°	263.4	263.2	262.6	262.0	262.2	262.1	261.7	261.6	262.0	262.1	262.5
28.5°	262.1	261.7	261.0	260.6	260.7	260.3	260.4	260.2	260.5	260.7	261.0
29°	260.6	260.3	259.7	259.0	259.1	258.8	258.8	258.8	258.9	259.2	259.3
29.5°	259.1	258.7	258.1	257.5	257.6	257.4	257.3	257.2	257.4	257.7	258.1
30°	257.4	257.1	256.6	255.9	256.2	255.9	255.8	255.6	255.8	256.2	256.3
30.5°	256.1	255.5	255.0	254.4	254.5	254.1	254.3	253.9	254.2	254.5	254.8
31°	254.3	254.0	253.4	252.8	253.0	252.7	252.6	252.3	252.7	253.1	253.1
31.5°	253.0	252.3	251.8	251.1	251.3	251.0	251.0	250.9	251.0	251.3	251.6
32°	251.0	250.7	250.1	249.5	249.8	249.3	249.2	249.1	249.4	249.9	250.0
32.5°	249.5	249.2	248.5	247.9	248.0	247.7	247.7	247.6	247.7	248.0	248.3
33°	247.9	247.3	246.9	246.1	246.5	246.1	245.9	245.7	246.1	246.4	246.7
33.5°	246.2	245.8	245.2	244.5	244.7	244.3	244.3	244.2	244.4	244.6	244.9
34°	244.4	244.1	243.3	242.7	243.1	242.6	242.6	242.4	242.6	242.9	243.2
34.5°	242.8	242.3	241.8	241.0	241.1	240.9	240.8	240.7	240.9	241.3	241.5
35°	240.8	240.7	239.9	239.4	239.6	239.2	239.1	239.0	239.1	239.5	239.7
35.5°	239.3	238.9	238.3	237.5	237.8	237.3	237.4	237.1	237.3	237.5	238.1
36°	237.3	237.1	236.4	235.8	236.1	235.8	235.5	235.4	235.7	236.1	236.1
36.5°	235.7	235.2	234.6	233.9	234.1	233.7	233.8	233.5	233.8	234.0	234.5
37°	233.8	233.5	232.8	232.2	232.5	232.1	231.9	231.8	232.0	232.5	232.6
37.5°	232.0	231.5	231.0	230.3	230.4	230.1	230.1	229.9	230.0	230.4	230.8
38°	230.1	229.9	229.0	228.4	228.8	228.4	228.3	228.0	228.3	228.7	229.0
38.5°	228.3	227.9	227.2	226.5	226.8	226.4	226.2	226.2	226.3	226.6	226.9
39°	226.2	226.1	225.2	224.7	225.0	224.6	224.4	224.4	224.5	224.8	225.3
39.5°	224.6	224.0	223.5	222.7	223.0	222.6	222.5	222.3	222.6	222.9	223.2
40°	222.4	222.3	221.3	220.8	221.2	220.7	220.4	220.4	220.5	221.0	221.3
40.5°	220.6	220.1	219.6	218.8	219.1	218.7	218.5	218.4	218.7	219.0	219.4
41°	218.7	218.3	217.4	217.0	217.3	216.8	216.7	216.6	216.7	217.0	217.4
41.5°	216.7	216.2	215.6	214.7	215.1	214.7	214.6	214.5	214.7	215.0	215.4
42°	214.6	214.5	213.6	213.0	213.3	212.9	212.8	212.5	212.7	213.0	213.5
42.5°	212.7	212.3	211.5	210.8	211.3	210.7	210.6	210.5	210.7	211.0	211.3
43°	210.5	210.2	209.6	208.9	209.2	208.9	208.7	208.5	208.8	209.1	209.6
43.5°	208.7	208.2	207.4	206.7	207.2	206.8	206.6	206.4	206.5	207.0	207.4

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	202.3	202.1	201.2	200.5	201.0	200.5	200.2	200.2	200.4	200.7	201.1
45.5°	200.3	199.7	199.1	198.4	198.8	198.3	198.1	198.2	198.1	198.7	199.0
46°	198.1	197.9	197.0	196.4	196.8	196.2	196.1	196.0	196.3	196.5	196.9
46.5°	196.0	195.5	194.8	194.0	194.5	194.2	193.9	193.8	194.0	194.4	194.7
47°	193.8	193.5	192.6	192.0	192.5	191.9	191.8	191.7	191.9	192.1	192.6
47.5°	191.7	191.2	190.7	189.8	190.4	189.8	189.5	189.5	189.6	190.0	190.3
48°	189.5	189.0	188.3	187.6	188.1	187.7	187.5	187.3	187.6	187.9	188.2
48.5°	187.3	186.9	186.2	185.4	185.9	185.4	185.2	185.2	185.3	185.6	186.0
49°	185.1	184.7	184.1	183.3	183.8	183.2	183.1	182.9	183.0	183.5	183.9
49.5°	182.8	182.4	181.6	181.0	181.4	180.9	180.8	180.8	180.8	181.1	181.6
50°	180.5	180.1	179.5	178.7	179.2	178.8	178.7	178.4	178.6	178.9	179.4
50.5°	178.4	178.0	177.2	176.4	176.9	176.4	176.3	176.3	176.3	176.7	177.1
51°	176.0	175.7	175.0	174.2	174.8	174.2	174.1	173.9	174.2	174.3	174.8
51.5°	173.8	173.3	172.5	171.8	172.3	172.0	171.7	171.8	171.8	172.2	172.6
52°	171.4	171.1	170.5	169.7	170.3	169.7	169.5	169.4	169.6	169.8	170.3
52.5°	169.2	168.7	168.0	167.2	167.7	167.4	167.0	167.1	167.1	167.6	168.0
53°	166.7	166.4	165.7	165.0	165.6	165.1	164.9	164.8	164.9	165.2	165.7
53.5°	164.4	164.0	163.3	162.5	163.1	162.7	162.4	162.4	162.5	162.8	163.3
54°	162.0	161.7	161.1	160.3	160.9	160.3	160.3	160.1	160.2	160.5	161.0
54.5°	159.7	159.3	158.5	157.7	158.4	157.9	157.7	157.7	157.7	158.1	158.6
55°	157.2	156.9	156.3	155.7	156.1	155.6	155.5	155.4	155.5	155.9	156.2
55.5°	155.0	154.5	153.8	153.0	153.6	153.2	153.1	152.9	153.0	153.5	153.8
56°	152.4	152.2	151.4	150.8	151.3	150.8	150.6	150.7	150.8	150.9	151.4
56.5°	150.1	149.7	149.0	148.2	148.8	148.5	148.2	148.1	148.2	148.7	149.1
57°	147.6	147.3	146.5	145.9	146.5	145.9	145.8	145.8	145.7	146.1	146.6
57.5°	145.1	144.8	144.1	143.4	144.0	143.6	143.3	143.2	143.4	143.8	144.2
58°	142.8	142.4	141.6	141.0	141.6	141.1	141.0	140.8	140.9	141.2	141.7
58.5°	140.2	139.8	139.2	138.5	139.0	138.6	138.5	138.4	138.5	138.8	139.4
59°	137.7	137.4	136.7	136.0	136.7	136.2	136.0	135.9	136.1	136.4	136.8
59.5°	135.2	134.9	134.2	133.5	134.1	133.7	133.5	133.4	133.4	133.9	134.4
60°	132.7	132.3	131.7	131.0	131.7	131.1	131.1	130.9	131.2	131.3	131.7
60.5°	130.1	129.8	129.2	128.5	129.2	128.7	128.5	128.4	128.5	128.9	129.3
61°	127.7	127.3	126.6	125.9	126.6	126.2	126.1	126.0	126.0	126.3	126.7
61.5°	125.1	124.9	124.1	123.4	124.0	123.8	123.5	123.4	123.5	123.9	124.3
62°	122.6	122.2	121.6	120.9	121.6	121.1	121.0	121.0	121.1	121.2	121.6
62.5°	120.0	119.6	119.0	118.3	119.0	118.6	118.4	118.3	118.3	118.8	119.3
63°	117.4	117.0	116.4	115.8	116.5	116.0	115.9	115.8	115.9	116.2	116.6
63.5°	114.8	114.5	113.8	113.1	113.8	113.5	113.3	113.1	113.2	113.6	114.1
64°	112.2	111.8	111.2	110.6	111.4	110.9	110.8	110.7	110.8	111.0	111.4
64.5°	109.6	109.3	108.6	108.0	108.7	108.3	108.1	108.0	108.1	108.5	109.0
65°	107.0	106.7	106.1	105.4	106.2	105.8	105.6	105.6	105.7	105.9	106.3
65.5°	104.4	104.1	103.4	102.9	103.6	103.2	103.0	102.9	103.0	103.4	103.8
66°	101.7	101.4	100.7	100.2	101.0	100.5	100.4	100.3	100.4	100.7	101.1

TEST NUMBER: P997180

CATALOG NUMBER: SMX4SLSFSD2W-800LM-5000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	93.9	93.5	92.9	92.3	93.1	92.8	92.6	92.4	92.5	92.8	93.3
68°	91.2	90.9	90.2	89.8	90.5	90.1	90.0	89.9	90.0	90.2	90.6
68.5°	88.5	88.3	87.7	87.0	87.9	87.5	87.3	87.3	87.2	87.6	88.1
69°	85.9	85.6	84.9	84.5	85.2	84.8	84.8	84.7	84.7	84.9	85.4
69.5°	83.2	82.9	82.3	81.7	82.6	82.2	82.1	81.9	82.1	82.4	82.8
70°	80.6	80.2	79.6	79.2	80.0	79.6	79.4	79.4	79.5	79.6	80.1
70.5°	77.9	77.7	77.1	76.4	77.3	76.9	76.8	76.7	76.8	77.1	77.5
71°	75.3	75.0	74.4	73.9	74.7	74.3	74.3	74.2	74.2	74.5	74.9
71.5°	72.6	72.4	71.8	71.2	72.1	71.7	71.6	71.4	71.5	71.9	72.3
72°	69.9	69.7	69.1	68.7	69.5	69.1	69.1	69.0	69.0	69.2	69.6
72.5°	67.3	67.0	66.4	65.9	66.8	66.5	66.5	66.4	66.4	66.6	67.0
73°	64.7	64.4	63.8	63.3	64.2	63.9	63.9	63.8	63.8	64.0	64.3
73.5°	62.0	61.8	61.2	60.7	61.6	61.3	61.3	61.2	61.2	61.4	61.7
74°	59.4	59.1	58.6	58.1	58.9	58.7	58.7	58.5	58.6	58.8	59.0
74.5°	56.7	56.5	56.0	55.4	56.4	56.1	56.0	55.8	55.9	56.3	56.6
75°	54.1	53.9	53.4	53.0	53.8	53.5	53.5	53.3	53.4	53.6	53.9
75.5°	51.6	51.3	50.8	50.2	51.2	50.9	50.8	50.7	50.8	51.1	51.6
76°	48.9	48.7	48.2	47.7	48.6	48.4	48.3	48.2	48.2	48.5	48.8
76.5°	46.4	46.1	45.7	45.2	46.1	45.8	45.8	45.6	45.7	46.0	46.3
77°	43.8	43.6	43.2	42.7	43.6	43.3	43.3	43.2	43.2	43.4	43.7
77.5°	41.4	41.1	40.7	40.2	41.1	40.8	40.7	40.6	40.7	41.0	41.3
78°	38.8	38.6	38.2	37.8	38.7	38.4	38.3	38.3	38.3	38.5	38.8
78.5°	36.4	36.2	35.7	35.3	36.1	35.9	35.8	35.7	35.8	36.1	36.4
79°	34.0	33.7	33.3	32.9	33.8	33.5	33.5	33.4	33.4	33.6	34.0
79.5°	31.5	31.4	31.0	30.5	31.4	31.2	31.1	31.0	31.0	31.4	31.6
80°	29.2	29.0	28.6	28.3	29.1	28.9	28.8	28.8	28.8	29.0	29.2
80.5°	27.0	26.8	26.5	26.1	26.8	26.5	26.5	26.4	26.4	26.7	27.0
81°	24.8	24.7	24.3	24.0	24.6	24.3	24.3	24.2	24.3	24.4	24.7
81.5°	22.7	22.5	22.2	21.9	22.4	22.2	22.1	22.0	22.1	22.3	22.6
82°	20.5	20.3	20.0	19.7	20.3	20.1	20.0	20.0	20.0	20.2	20.4
82.5°	18.3	18.2	17.9	17.6	18.2	18.1	17.9	17.9	17.9	18.1	18.4
83°	16.4	16.2	15.9	15.6	16.2	16.0	16.0	15.9	16.0	16.1	16.4
83.5°	14.4	14.3	14.0	13.7	14.3	14.2	14.1	14.0	14.1	14.3	14.5
84°	12.6	12.5	12.2	11.9	12.5	12.4	12.4	12.3	12.3	12.5	12.7
84.5°	10.9	10.8	10.5	10.3	10.8	10.7	10.6	10.6	10.6	10.8	11.0
85°	9.3	9.2	8.9	8.7	9.2	9.4	9.3	9.2	9.4	9.2	9.3
85.5°	7.8	7.7	7.5	7.2	8.0	8.1	7.9	7.9	8.1	8.0	8.1
86°	6.4	6.3	6.1	5.9	6.7	6.8	6.6	6.5	6.8	6.7	6.9
86.5°	5.1	5.1	4.9	4.7	5.5	5.5	5.2	5.2	5.5	5.5	5.7
87°	4.0	4.0	3.8	3.7	4.3	4.3	3.9	3.9	4.3	4.3	4.4
87.5°	3.0	3.0	2.9	2.8	3.0	3.0	3.0	3.0	3.0	3.1	3.2
88°	2.4	2.4	2.3	2.2	2.3	2.2	2.2	2.2	2.3	2.4	2.4
88.5°	1.8	1.8	1.7	1.7	1.6	1.6	1.6	1.6	1.7	1.7	1.8

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

Scaled Data Report



TEST NUMBER: P997180
CATALOG NUMBER: SMX4SLSFSD2W-800LM-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: P997180

CATALOG NUMBER: SMX4SLSFSD2W-800LM-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	305.6	305.6	305.6	305.6	305.6	305.6
0.5°	305.5	305.2	305.4	305.7	305.7	306.2
1°	305.5	305.3	305.6	305.6	305.7	305.9
1.5°	305.4	305.1	305.2	305.7	305.7	306.0
2°	305.3	305.1	305.3	305.2	305.7	305.8
2.5°	305.2	304.9	305.0	305.5	305.5	305.7
3°	305.2	304.9	305.1	305.0	305.5	305.7
3.5°	304.9	304.4	304.7	305.0	305.1	305.7
4°	304.7	304.5	304.7	304.8	305.1	305.1
4.5°	304.3	304.0	304.2	304.6	304.8	304.9
5°	304.3	304.0	304.2	304.2	304.7	304.7
5.5°	303.8	303.6	303.5	304.1	304.1	304.6
6°	303.5	303.1	303.6	303.5	304.0	304.2
6.5°	303.2	303.0	303.1	303.4	303.6	303.9
7°	302.9	302.5	302.7	303.0	303.2	303.3
7.5°	302.3	302.0	302.3	302.6	302.7	303.2
8°	302.1	301.7	302.1	302.0	302.4	302.5
8.5°	301.5	301.2	301.3	301.9	301.7	302.3
9°	301.1	300.7	301.0	301.0	301.7	301.5
9.5°	300.4	300.1	300.2	300.7	300.8	301.2
10°	300.1	299.6	300.1	300.0	300.4	300.5
10.5°	299.4	298.8	299.1	299.7	299.8	300.1
11°	298.7	298.6	298.7	298.7	299.1	299.4
11.5°	298.2	297.6	298.0	298.3	298.7	299.0
12°	297.6	297.1	297.4	297.5	297.7	298.1
12.5°	296.8	296.3	296.5	297.1	297.3	297.3
13°	296.1	295.8	296.0	296.3	296.5	296.8
13.5°	295.4	294.9	295.1	295.5	295.8	296.1
14°	294.6	294.2	294.5	294.8	295.2	295.1
14.5°	293.8	293.3	293.5	293.9	294.2	294.7
15°	293.2	292.5	292.8	293.0	293.5	293.5
15.5°	292.1	291.7	291.9	292.4	292.6	292.7
16°	291.2	290.7	291.1	291.2	291.9	292.0
16.5°	290.2	290.0	290.1	290.8	290.7	291.1
17°	289.5	289.0	289.3	289.5	290.0	290.1
17.5°	288.5	288.0	288.2	288.7	288.9	289.2
18°	287.3	287.0	287.4	287.8	287.9	288.0
18.5°	286.6	286.1	286.4	286.7	287.1	287.3
19°	285.3	285.2	285.4	285.5	286.1	286.0
19.5°	284.4	283.9	284.2	284.7	285.1	285.1
20°	283.3	282.9	283.4	283.5	283.9	284.0
20.5°	282.0	281.7	281.8	282.6	282.9	283.0
21°	281.1	280.6	281.1	281.2	281.6	281.9

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997180

CATALOG NUMBER: SMX4SLSFSD2W-800LM-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	277.6	276.9	277.2	278.0	278.1	278.4
23°	276.2	275.9	276.4	276.5	277.1	277.1
23.5°	275.2	274.6	274.9	275.5	275.7	275.9
24°	273.8	273.4	273.7	274.2	274.5	274.6
24.5°	272.5	271.9	272.4	273.0	273.2	273.3
25°	271.2	270.8	271.0	271.5	271.9	271.9
25.5°	269.7	269.2	269.7	270.3	270.5	270.7
26°	268.4	268.0	268.5	268.7	269.2	269.1
26.5°	267.0	266.4	266.8	267.5	267.8	268.0
27°	265.6	265.1	265.6	266.0	266.4	266.4
27.5°	264.2	263.6	264.1	264.6	264.9	265.1
28°	262.7	262.2	262.6	263.1	263.4	263.4
28.5°	261.2	260.8	261.1	261.7	262.0	262.1
29°	259.8	259.2	259.7	260.1	260.7	260.6
29.5°	258.2	257.8	258.1	258.7	258.9	259.1
30°	256.7	256.2	256.6	257.0	257.7	257.4
30.5°	255.0	254.6	255.0	255.7	255.7	256.1
31°	253.7	253.1	253.5	253.9	254.7	254.3
31.5°	251.7	251.5	251.8	252.6	252.5	253.0
32°	250.5	249.6	250.3	250.7	251.0	251.0
32.5°	248.5	248.2	248.6	249.1	249.4	249.5
33°	247.1	246.5	246.9	247.5	247.9	247.9
33.5°	245.0	244.7	245.3	245.7	246.2	246.2
34°	243.8	243.2	243.6	244.0	244.5	244.4
34.5°	241.7	241.2	241.7	242.2	242.8	242.8
35°	240.2	239.6	240.1	240.6	241.0	240.8
35.5°	238.3	237.8	238.3	238.9	239.3	239.3
36°	236.7	236.1	236.4	237.0	237.5	237.3
36.5°	234.8	234.1	234.7	235.4	235.6	235.7
37°	233.0	232.4	233.0	233.4	233.8	233.8
37.5°	231.1	230.5	231.0	231.7	231.9	232.0
38°	229.4	228.8	229.3	229.7	230.3	230.1
38.5°	227.4	226.9	227.3	227.9	228.3	228.3
39°	225.7	224.8	225.5	226.0	226.5	226.2
39.5°	223.5	223.0	223.6	224.0	224.5	224.6
40°	221.8	221.0	221.6	222.2	222.6	222.4
40.5°	219.7	219.2	219.6	220.3	220.5	220.6
41°	218.0	217.2	217.7	218.2	218.7	218.7
41.5°	215.9	215.2	215.7	216.2	216.6	216.7
42°	213.9	213.2	213.7	214.2	214.7	214.6
42.5°	211.7	211.2	211.8	212.2	212.5	212.7
43°	209.9	209.3	209.8	210.2	210.7	210.5
43.5°	207.7	207.1	207.7	208.2	208.6	208.7

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997180

CATALOG NUMBER: SMX4SLSFSD2W-800LM-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	201.6	200.9	201.4	202.0	202.4	202.3
45.5°	199.4	198.8	199.4	199.7	200.2	200.3
46°	197.3	196.8	197.2	197.8	198.2	198.1
46.5°	195.1	194.4	195.1	195.4	196.0	196.0
47°	193.2	192.4	192.9	193.5	193.8	193.8
47.5°	190.8	190.3	190.8	191.3	191.6	191.7
48°	188.8	188.0	188.6	189.1	189.5	189.5
48.5°	186.4	185.8	186.3	186.9	187.3	187.3
49°	184.3	183.7	184.2	184.7	185.1	185.1
49.5°	181.9	181.5	181.9	182.4	182.8	182.8
50°	180.0	179.1	179.8	180.2	180.6	180.5
50.5°	177.6	177.0	177.4	177.8	178.2	178.4
51°	175.3	174.5	175.1	175.6	175.9	176.0
51.5°	173.1	172.3	172.9	173.3	173.7	173.8
52°	170.7	170.1	170.6	171.1	171.4	171.4
52.5°	168.5	167.8	168.3	168.7	169.2	169.2
53°	166.1	165.3	166.0	166.4	166.7	166.7
53.5°	163.8	163.1	163.6	164.0	164.5	164.4
54°	161.3	160.7	161.1	161.7	162.0	162.0
54.5°	159.0	158.3	158.9	159.3	159.8	159.7
55°	156.7	155.9	156.4	157.0	157.3	157.2
55.5°	154.4	153.6	154.1	154.5	154.8	155.0
56°	151.9	151.1	151.6	152.1	152.6	152.4
56.5°	149.5	148.7	149.3	149.6	150.0	150.1
57°	147.1	146.3	146.8	147.3	147.7	147.6
57.5°	144.6	143.9	144.3	144.8	145.0	145.1
58°	142.2	141.3	141.8	142.3	142.8	142.8
58.5°	139.8	139.0	139.4	139.9	140.2	140.2
59°	137.3	136.4	136.9	137.4	137.7	137.7
59.5°	134.7	133.9	134.5	134.8	135.3	135.2
60°	132.3	131.4	131.9	132.4	132.8	132.7
60.5°	129.8	129.0	129.4	129.8	130.2	130.1
61°	127.2	126.3	126.8	127.3	127.6	127.7
61.5°	124.6	123.9	124.5	124.8	125.2	125.1
62°	122.2	121.3	121.8	122.2	122.6	122.6
62.5°	119.6	118.8	119.3	119.6	120.0	120.0
63°	117.1	116.2	116.6	117.2	117.5	117.4
63.5°	114.5	113.7	114.2	114.4	114.9	114.8
64°	111.9	111.0	111.5	111.9	112.2	112.2
64.5°	109.3	108.5	109.0	109.3	109.7	109.6
65°	106.8	105.9	106.3	106.7	107.1	107.0
65.5°	104.2	103.3	103.8	104.1	104.4	104.4
66°	101.6	100.7	101.1	101.4	101.8	101.7

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997180

CATALOG NUMBER: SMX4SLSFSD2W-800LM-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	93.8	92.8	93.3	93.6	93.9	93.9
68°	91.1	90.2	90.6	90.9	91.2	91.2
68.5°	88.4	87.5	88.0	88.2	88.6	88.5
69°	85.9	84.8	85.3	85.5	85.8	85.9
69.5°	83.2	82.3	82.6	83.0	83.2	83.2
70°	80.5	79.6	80.0	80.3	80.5	80.6
70.5°	77.9	76.9	77.4	77.6	78.0	77.9
71°	75.4	74.4	74.7	74.9	75.2	75.3
71.5°	72.7	71.6	72.1	72.3	72.6	72.6
72°	70.1	69.0	69.4	69.8	69.9	69.9
72.5°	67.5	66.4	66.8	67.0	67.4	67.3
73°	64.9	63.7	64.1	64.4	64.6	64.7
73.5°	62.2	61.1	61.5	61.7	62.0	62.0
74°	59.6	58.5	58.9	59.1	59.3	59.4
74.5°	57.0	55.9	56.3	56.5	56.8	56.7
75°	54.4	53.3	53.7	53.9	54.2	54.1
75.5°	51.8	50.8	51.1	51.3	51.6	51.6
76°	49.2	48.1	48.5	48.7	49.0	48.9
76.5°	46.6	45.6	46.0	46.2	46.4	46.4
77°	44.1	43.1	43.4	43.7	43.9	43.8
77.5°	41.6	40.6	40.9	41.1	41.4	41.4
78°	39.2	38.2	38.4	38.6	38.9	38.8
78.5°	36.7	35.7	36.1	36.2	36.4	36.4
79°	34.3	33.3	33.6	33.8	34.0	34.0
79.5°	31.9	30.9	31.2	31.4	31.6	31.5
80°	29.5	28.6	28.8	29.0	29.2	29.2
80.5°	27.2	26.5	26.7	26.8	27.1	27.0
81°	25.0	24.3	24.5	24.7	24.9	24.8
81.5°	22.8	22.2	22.4	22.5	22.7	22.7
82°	20.6	20.0	20.2	20.3	20.6	20.5
82.5°	18.6	17.9	18.1	18.2	18.4	18.3
83°	16.6	15.9	16.1	16.2	16.3	16.4
83.5°	14.7	14.0	14.2	14.3	14.4	14.4
84°	12.8	12.2	12.4	12.4	12.6	12.6
84.5°	11.1	10.5	10.7	10.7	10.9	10.9
85°	9.5	8.9	9.0	9.1	9.3	9.3
85.5°	8.2	7.4	7.6	7.6	7.8	7.8
86°	7.0	6.1	6.2	6.2	6.4	6.4
86.5°	5.7	4.9	4.9	5.0	5.1	5.1
87°	4.5	3.8	3.9	4.0	4.0	4.0
87.5°	3.2	2.9	3.0	3.0	3.1	3.0
88°	2.4	2.3	2.4	2.4	2.5	2.4
88.5°	1.7	1.7	1.8	1.8	1.8	1.8

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Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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Scaled Data Report



TEST NUMBER: P997180
CATALOG NUMBER: SMX4SLSFSD2W-800LM-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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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°	280.8	280.4	279.7	279.3	279.3	279.1	279.2	279.0	279.3	279.6	279.8
22°	279.5	279.2	278.7	278.1	278.5	278.0	278.0	277.9	278.1	278.5	278.6



44°	206.3	206.3	205.5	204.8	205.2	204.8	204.4	204.5	204.6	204.9	205.2
44.5°	204.4	204.0	203.3	202.6	203.0	202.5	202.5	202.2	202.4	202.8	203.3



66.5°	99.1	98.9	98.2	97.5	98.3	98.0	97.7	97.7	97.7	98.1	98.5
67°	96.5	96.2	95.6	95.0	95.7	95.3	95.2	95.1	95.1	95.5	95.9



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

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21.5°	279.9	279.2	279.7	280.2	280.5	280.8
22°	278.7	278.4	278.8	278.9	279.5	279.5

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44°	205.9	205.0	205.5	206.1	206.6	206.3
44.5°	203.6	203.0	203.5	204.0	204.5	204.4

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66.5°	98.9	98.1	98.6	98.8	99.2	99.1
67°	96.3	95.4	95.8	96.1	96.5	96.5

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89°	1.2	1.2	1.2	1.2	1.2	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)