

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: P997176

Luminaire Tested: **SMX4SLSFSD2W-800LM-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: P997176
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-2700K
Description: 4IN SQAURE, 90CRI, DIMMING TO 10%, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 2700K CCT
Ballast/Driver: -

Summary

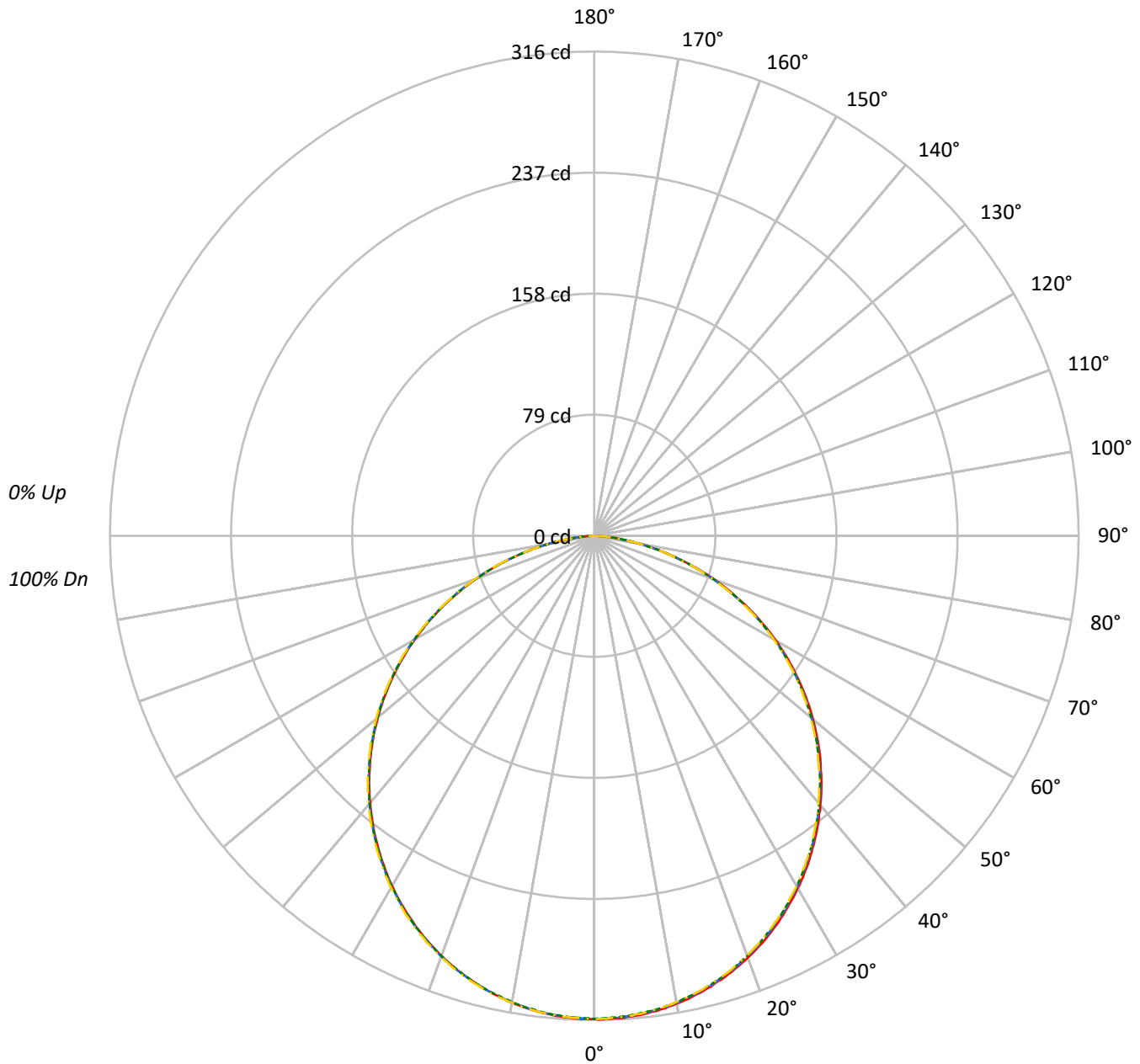
Lumens per Lamp: N/A
Luminaire Lumens: 881.7 lumens
Efficiency: N/A
Efficacy: 100.2 lumens/watt
Spacing Criteria (0/90/45): 1.25 / 1.25 / 1.37
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
CIE Type: Direct

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°	31165	31165	31165	31165
5°	31185	31125	31155	31115
10°	31114	31023	31054	31013
15°	30985	30883	30893	30883
20°	30819	30704	30683	30704
25°	30591	30439	30417	30461
30°	30302	30165	30120	30165
35°	29973	29828	29768	29828
40°	29612	29444	29354	29419
45°	29173	28977	28893	28977
50°	28632	28432	28340	28402
55°	27951	27762	27641	27710
60°	27063	26846	26747	26786
65°	25820	25633	25493	25540
70°	24016	23842	23698	23727
75°	21310	21195	21043	21004
80°	17133	17076	16906	16792
85°	10887	10774	11001	10434

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°	29.8	3.4
10°-20°	85.2	9.7
20°-30°	128.8	14.6
30°-40°	154.7	17.5
40°-50°	160.0	18.1
50°-60°	143.9	16.3
60°-70°	108.2	12.3
70°-80°	58.6	6.6
80°-90°	12.4	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°	243.8	27.7
0°-40°	398.6	45.2
0°-60°	702.5	79.7
0°-90°	881.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	881.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	315	315	315	315	315	
5°	314	314	314	314	314	30
15°	303	302	302	302	303	85
25°	280	279	279	279	280	129
35°	248	247	247	247	248	155
45°	209	207	207	207	209	161
55°	162	161	160	161	162	145
65°	110	110	109	109	110	109
75°	56	56	55	55	56	59
85°	10	10	10	9	10	13
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°	315.3	315.3	315.3	315.3	315.3	315.3	315.3	315.3	315.3	315.3	315.3
0.5°	315.9	315.5	315.3	315.1	314.9	315.0	315.4	315.4	315.5	315.6	315.4
1°	315.6	315.7	315.1	315.2	315.0	315.0	315.1	315.4	315.4	315.6	315.1
1.5°	315.6	315.3	315.4	315.0	314.9	314.9	315.3	315.1	315.6	315.3	315.1
2°	315.5	315.5	315.0	315.0	314.5	314.9	315.0	315.1	315.3	315.4	315.1
2.5°	315.3	315.1	314.9	314.4	314.7	314.6	314.9	314.8	315.4	315.2	314.6
3°	315.4	315.1	314.8	314.8	314.4	314.6	314.6	314.7	314.9	315.1	314.6
3.5°	315.3	315.1	314.5	314.4	314.2	314.2	314.5	314.6	314.9	314.9	314.5
4°	314.7	314.8	314.4	314.1	314.1	314.0	314.1	314.2	314.4	314.5	314.2
4.5°	314.6	314.5	314.2	313.9	313.6	313.8	314.1	314.0	314.4	314.3	314.0
5°	314.3	314.2	313.9	313.6	313.7	313.7	313.5	313.8	314.0	314.0	313.7
5.5°	314.2	314.0	313.6	313.4	313.1	313.1	313.5	313.1	313.6	313.7	313.3
6°	313.8	313.8	313.3	313.1	312.8	312.9	312.9	313.1	313.3	313.4	313.1
6.5°	313.5	313.2	312.8	312.5	312.3	312.4	312.8	312.5	313.1	313.0	312.6
7°	312.8	312.8	312.4	312.1	312.3	312.1	312.0	312.4	312.5	312.6	312.4
7.5°	312.8	312.5	312.0	311.6	311.7	311.5	311.8	311.8	312.1	312.0	311.9
8°	312.1	312.0	311.8	311.3	311.1	311.4	311.4	311.3	311.6	311.8	311.4
8.5°	311.8	311.5	310.9	310.6	310.8	310.4	310.6	310.7	311.2	311.0	311.0
9°	311.0	310.9	310.6	310.4	310.1	310.2	310.2	310.3	310.4	310.9	310.2
9.5°	310.7	310.5	310.0	309.5	309.8	309.6	309.8	309.6	310.1	310.0	309.9
10°	310.0	310.0	309.5	309.1	309.1	309.0	308.9	309.0	309.4	309.5	309.2
10.5°	309.6	309.2	308.9	308.4	308.4	308.3	308.7	308.3	308.8	309.0	308.8
11°	308.8	308.7	308.2	308.0	307.8	307.9	307.4	307.9	308.0	308.1	307.9
11.5°	308.4	308.0	307.5	307.3	307.1	307.0	307.2	307.1	307.6	307.6	307.5
12°	307.5	307.3	306.6	306.5	306.5	306.4	306.4	306.4	306.7	306.7	306.5
12.5°	306.7	306.6	306.2	305.8	305.7	305.6	305.6	305.6	306.1	306.1	306.0
13°	306.2	305.8	305.5	305.0	305.1	304.9	304.9	304.9	305.2	305.2	305.2
13.5°	305.5	305.0	304.6	304.1	304.3	304.0	304.3	304.1	304.5	304.7	304.5
14°	304.4	304.3	303.8	303.6	303.5	303.4	303.1	303.3	303.6	303.8	303.6
14.5°	304.0	303.4	303.2	302.4	302.6	302.4	302.7	302.4	302.7	302.8	302.7
15°	302.8	302.8	302.3	301.8	301.8	301.7	301.6	301.6	301.9	302.1	302.1
15.5°	301.9	301.6	301.3	300.7	300.7	300.7	300.9	300.8	300.9	301.0	301.1
16°	301.2	301.1	300.4	300.1	300.1	300.0	299.7	299.7	300.0	300.3	300.2
16.5°	300.3	299.8	299.4	298.9	298.9	298.8	298.9	298.8	299.2	299.4	299.2
17°	299.2	299.1	298.5	298.2	298.2	298.0	298.1	297.9	298.1	298.2	298.3
17.5°	298.3	298.1	297.5	296.9	297.1	296.8	297.0	296.6	297.2	297.3	297.3
18°	297.1	297.1	296.6	296.2	296.1	295.9	295.9	295.9	296.1	296.3	296.2
18.5°	296.3	295.9	295.3	294.8	295.0	294.9	295.0	294.6	295.0	295.3	295.2
19°	295.1	295.1	294.4	294.0	293.9	293.8	293.6	293.9	294.0	294.3	294.2
19.5°	294.1	293.6	293.3	292.7	292.9	292.7	292.8	292.5	292.8	293.0	293.2
20°	293.0	292.9	292.2	291.9	291.9	291.6	291.5	291.5	291.7	292.0	292.1
20.5°	291.9	291.6	290.9	290.5	290.4	290.4	290.3	290.2	290.6	290.9	290.9
21°	290.8	290.5	289.8	289.3	289.4	289.3	289.2	289.0	289.3	289.6	289.7

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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°	287.2	286.7	286.2	285.7	285.7	285.6	285.4	285.3	285.7	285.9	285.9
23°	285.9	285.5	285.0	284.4	284.6	284.4	284.1	284.1	284.4	284.6	284.9
23.5°	284.5	284.2	283.7	283.1	283.1	282.9	282.9	282.8	283.1	283.4	283.4
24°	283.3	282.9	282.3	281.9	282.0	281.7	281.5	281.4	281.6	282.0	282.2
24.5°	281.9	281.6	281.1	280.2	280.5	280.1	280.2	280.2	280.5	280.6	280.9
25°	280.5	280.2	279.6	279.2	279.1	278.9	278.7	278.7	278.9	279.2	279.4
25.5°	279.3	278.7	278.3	277.5	277.7	277.4	277.6	277.3	277.5	277.9	278.0
26°	277.6	277.5	276.9	276.4	276.5	276.0	275.9	276.0	276.1	276.3	276.7
26.5°	276.4	276.0	275.4	274.7	274.8	274.6	274.7	274.5	274.6	274.9	275.2
27°	274.8	274.6	273.9	273.3	273.4	273.3	273.1	272.9	273.2	273.6	273.6
27.5°	273.4	272.9	272.4	271.9	271.9	271.5	271.7	271.5	271.7	272.0	272.4
28°	271.7	271.5	270.8	270.2	270.5	270.4	269.9	269.8	270.2	270.4	270.7
28.5°	270.3	270.0	269.2	268.8	268.9	268.5	268.6	268.4	268.7	268.9	269.2
29°	268.8	268.5	267.9	267.2	267.3	267.0	266.9	266.9	267.1	267.4	267.5
29.5°	267.3	266.8	266.3	265.6	265.8	265.5	265.4	265.3	265.5	265.8	266.3
30°	265.5	265.2	264.7	264.0	264.3	264.0	263.9	263.7	263.9	264.3	264.4
30.5°	264.2	263.6	263.0	262.4	262.5	262.1	262.3	261.9	262.2	262.5	262.8
31°	262.3	262.0	261.4	260.8	261.0	260.7	260.6	260.3	260.7	261.0	261.1
31.5°	260.9	260.3	259.8	259.1	259.2	258.9	258.9	258.8	258.9	259.2	259.5
32°	259.0	258.6	258.0	257.4	257.6	257.2	257.0	257.0	257.3	257.8	257.9
32.5°	257.4	257.0	256.3	255.7	255.8	255.6	255.6	255.4	255.5	255.8	256.1
33°	255.7	255.1	254.7	253.9	254.3	253.9	253.7	253.5	253.8	254.2	254.5
33.5°	254.0	253.6	252.9	252.2	252.5	252.1	252.0	251.9	252.1	252.4	252.6
34°	252.1	251.8	251.0	250.3	250.8	250.3	250.2	250.1	250.2	250.5	250.9
34.5°	250.5	250.0	249.5	248.6	248.7	248.5	248.4	248.3	248.5	248.9	249.1
35°	248.4	248.3	247.5	246.9	247.2	246.7	246.7	246.6	246.7	247.0	247.2
35.5°	246.9	246.4	245.8	244.9	245.3	244.8	244.9	244.6	244.8	245.0	245.6
36°	244.8	244.6	243.9	243.2	243.6	243.2	243.0	242.8	243.1	243.5	243.6
36.5°	243.2	242.6	242.0	241.2	241.5	241.1	241.2	240.9	241.2	241.4	241.9
37°	241.1	240.9	240.1	239.5	239.9	239.4	239.2	239.1	239.4	239.8	239.9
37.5°	239.3	238.8	238.2	237.5	237.7	237.3	237.3	237.1	237.3	237.6	238.0
38°	237.4	237.1	236.3	235.6	236.1	235.6	235.5	235.2	235.5	235.9	236.2
38.5°	235.5	235.1	234.3	233.6	234.0	233.6	233.3	233.3	233.4	233.8	234.1
39°	233.3	233.2	232.4	231.8	232.1	231.6	231.5	231.5	231.5	231.9	232.4
39.5°	231.7	231.1	230.5	229.8	230.1	229.6	229.5	229.3	229.6	229.9	230.2
40°	229.5	229.3	228.3	227.7	228.2	227.7	227.4	227.3	227.5	227.9	228.3
40.5°	227.5	227.0	226.5	225.7	226.0	225.6	225.4	225.3	225.6	225.9	226.3
41°	225.6	225.2	224.3	223.8	224.1	223.6	223.6	223.4	223.5	223.9	224.3
41.5°	223.5	223.0	222.4	221.5	221.9	221.5	221.3	221.3	221.4	221.8	222.2
42°	221.4	221.2	220.3	219.7	220.0	219.6	219.5	219.2	219.4	219.7	220.2
42.5°	219.4	219.0	218.2	217.4	217.9	217.3	217.2	217.1	217.4	217.7	218.0
43°	217.1	216.8	216.2	215.5	215.8	215.5	215.3	215.1	215.3	215.6	216.2
43.5°	215.2	214.8	214.0	213.2	213.7	213.3	213.1	212.9	213.0	213.5	213.9

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	208.7	208.5	207.5	206.8	207.3	206.9	206.6	206.6	206.7	207.1	207.4
45.5°	206.6	206.0	205.4	204.6	205.1	204.5	204.4	204.4	204.4	205.0	205.3
46°	204.4	204.1	203.2	202.6	203.0	202.4	202.3	202.2	202.5	202.6	203.1
46.5°	202.2	201.7	201.0	200.2	200.7	200.3	200.0	199.9	200.1	200.6	200.9
47°	199.9	199.6	198.6	198.1	198.6	197.9	197.9	197.8	197.9	198.2	198.7
47.5°	197.8	197.2	196.7	195.8	196.4	195.7	195.5	195.5	195.6	196.0	196.3
48°	195.4	195.0	194.2	193.5	194.0	193.6	193.4	193.2	193.5	193.8	194.2
48.5°	193.2	192.7	192.1	191.2	191.7	191.2	191.1	191.0	191.1	191.4	191.9
49°	190.9	190.5	189.9	189.0	189.6	189.0	188.8	188.6	188.8	189.2	189.7
49.5°	188.6	188.2	187.4	186.7	187.1	186.6	186.6	186.5	186.5	186.9	187.3
50°	186.2	185.7	185.2	184.4	184.9	184.5	184.3	184.1	184.3	184.6	185.0
50.5°	184.0	183.6	182.8	182.0	182.4	181.9	181.8	181.8	181.8	182.3	182.7
51°	181.5	181.2	180.5	179.7	180.3	179.7	179.6	179.4	179.7	179.8	180.3
51.5°	179.3	178.8	178.0	177.2	177.7	177.4	177.1	177.2	177.2	177.6	178.1
52°	176.8	176.5	175.9	175.0	175.7	175.0	174.8	174.7	174.9	175.2	175.7
52.5°	174.5	174.0	173.3	172.5	173.0	172.7	172.2	172.4	172.4	172.9	173.3
53°	172.0	171.6	171.0	170.2	170.8	170.3	170.1	170.0	170.1	170.4	170.9
53.5°	169.6	169.2	168.4	167.6	168.3	167.8	167.5	167.6	167.6	168.0	168.4
54°	167.1	166.8	166.1	165.4	165.9	165.4	165.4	165.2	165.3	165.6	166.1
54.5°	164.7	164.3	163.5	162.6	163.4	162.9	162.7	162.7	162.7	163.1	163.6
55°	162.2	161.9	161.2	160.6	161.1	160.5	160.4	160.3	160.4	160.8	161.2
55.5°	159.8	159.4	158.7	157.8	158.4	158.1	157.9	157.7	157.8	158.3	158.7
56°	157.2	157.0	156.2	155.6	156.1	155.6	155.4	155.4	155.6	155.7	156.1
56.5°	154.8	154.4	153.7	152.9	153.5	153.2	152.8	152.8	152.9	153.4	153.8
57°	152.2	151.9	151.1	150.5	151.1	150.5	150.4	150.4	150.3	150.7	151.3
57.5°	149.7	149.4	148.6	147.9	148.6	148.1	147.8	147.8	147.9	148.3	148.7
58°	147.3	146.9	146.1	145.5	146.1	145.5	145.4	145.2	145.4	145.7	146.2
58.5°	144.6	144.2	143.5	142.8	143.4	143.0	142.8	142.8	142.9	143.2	143.7
59°	142.0	141.7	141.0	140.3	141.0	140.5	140.3	140.2	140.4	140.7	141.1
59.5°	139.5	139.1	138.4	137.7	138.4	138.0	137.7	137.6	137.6	138.1	138.6
60°	136.9	136.5	135.8	135.2	135.8	135.2	135.2	135.0	135.3	135.4	135.9
60.5°	134.2	133.9	133.2	132.5	133.2	132.7	132.6	132.5	132.6	133.0	133.4
61°	131.7	131.3	130.6	129.9	130.6	130.1	130.0	129.9	130.0	130.3	130.7
61.5°	129.1	128.8	128.0	127.3	127.9	127.7	127.4	127.3	127.4	127.8	128.3
62°	126.5	126.0	125.4	124.7	125.4	124.9	124.8	124.8	124.9	125.1	125.5
62.5°	123.7	123.4	122.7	122.1	122.8	122.4	122.1	122.0	122.1	122.6	123.0
63°	121.1	120.7	120.1	119.4	120.1	119.6	119.6	119.5	119.6	119.9	120.3
63.5°	118.5	118.2	117.4	116.7	117.4	117.1	116.9	116.7	116.8	117.2	117.7
64°	115.7	115.4	114.7	114.1	114.9	114.4	114.3	114.2	114.3	114.5	114.9
64.5°	113.1	112.8	112.0	111.4	112.2	111.7	111.6	111.4	111.6	111.9	112.4
65°	110.4	110.0	109.4	108.8	109.6	109.1	108.9	108.9	109.0	109.2	109.6
65.5°	107.7	107.4	106.7	106.1	106.8	106.4	106.2	106.1	106.2	106.6	107.0
66°	104.9	104.6	103.9	103.3	104.2	103.7	103.6	103.5	103.5	103.9	104.3

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997176

CATALOG NUMBER: SMX4SLSFSD2W-800LM-2700K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	96.9	96.5	95.8	95.3	96.1	95.7	95.5	95.4	95.5	95.8	96.3
68°	94.1	93.8	93.1	92.6	93.3	92.9	92.8	92.7	92.8	93.1	93.5
68.5°	91.3	91.0	90.4	89.7	90.7	90.2	90.1	90.0	90.0	90.4	90.9
69°	88.6	88.3	87.6	87.1	87.9	87.5	87.4	87.3	87.3	87.6	88.1
69.5°	85.8	85.5	84.9	84.3	85.2	84.8	84.7	84.5	84.7	85.0	85.4
70°	83.1	82.8	82.1	81.7	82.5	82.1	81.9	81.9	82.0	82.1	82.6
70.5°	80.4	80.1	79.5	78.8	79.7	79.4	79.2	79.1	79.2	79.5	80.0
71°	77.6	77.3	76.8	76.2	77.1	76.7	76.6	76.6	76.5	76.8	77.2
71.5°	74.9	74.6	74.0	73.4	74.4	74.0	73.9	73.7	73.8	74.1	74.6
72°	72.1	71.9	71.3	70.8	71.7	71.3	71.3	71.2	71.2	71.4	71.8
72.5°	69.4	69.1	68.5	67.9	68.9	68.6	68.6	68.5	68.5	68.7	69.1
73°	66.7	66.4	65.8	65.3	66.2	65.9	65.9	65.8	65.8	66.0	66.4
73.5°	63.9	63.7	63.2	62.6	63.5	63.2	63.2	63.1	63.1	63.4	63.6
74°	61.2	61.0	60.4	59.9	60.8	60.6	60.5	60.4	60.4	60.7	60.9
74.5°	58.5	58.3	57.8	57.2	58.2	57.9	57.8	57.6	57.7	58.0	58.4
75°	55.8	55.6	55.1	54.6	55.5	55.2	55.1	54.9	55.1	55.3	55.6
75.5°	53.2	52.9	52.4	51.8	52.9	52.5	52.4	52.3	52.4	52.7	53.2
76°	50.4	50.2	49.7	49.2	50.2	49.9	49.8	49.7	49.7	50.0	50.4
76.5°	47.8	47.6	47.1	46.6	47.5	47.2	47.2	47.0	47.1	47.4	47.8
77°	45.2	44.9	44.5	44.1	45.0	44.7	44.6	44.5	44.6	44.8	45.1
77.5°	42.7	42.4	42.0	41.4	42.4	42.1	42.0	41.9	42.0	42.3	42.6
78°	40.1	39.8	39.4	39.0	39.9	39.6	39.5	39.5	39.5	39.7	40.1
78.5°	37.5	37.3	36.9	36.4	37.3	37.1	37.0	36.9	36.9	37.2	37.5
79°	35.0	34.8	34.4	34.0	34.8	34.6	34.6	34.5	34.5	34.7	35.0
79.5°	32.5	32.4	31.9	31.5	32.4	32.1	32.0	31.9	32.0	32.3	32.6
80°	30.1	29.9	29.5	29.2	30.0	29.8	29.7	29.7	29.7	29.9	30.1
80.5°	27.8	27.7	27.3	27.0	27.6	27.4	27.4	27.3	27.3	27.5	27.9
81°	25.6	25.4	25.1	24.8	25.3	25.1	25.1	25.0	25.0	25.2	25.5
81.5°	23.4	23.2	22.9	22.5	23.1	22.9	22.8	22.7	22.8	23.0	23.3
82°	21.2	21.0	20.7	20.3	20.9	20.7	20.7	20.6	20.6	20.8	21.0
82.5°	18.9	18.8	18.5	18.1	18.8	18.6	18.5	18.4	18.5	18.7	19.0
83°	16.9	16.7	16.4	16.1	16.7	16.5	16.5	16.5	16.5	16.6	16.9
83.5°	14.9	14.8	14.5	14.1	14.7	14.6	14.6	14.5	14.5	14.8	14.9
84°	13.0	12.9	12.6	12.3	12.9	12.8	12.8	12.7	12.7	12.9	13.1
84.5°	11.2	11.1	10.9	10.6	11.2	11.0	11.0	10.9	11.0	11.1	11.3
85°	9.6	9.5	9.2	9.0	9.5	9.7	9.6	9.5	9.7	9.5	9.6
85.5°	8.0	7.9	7.7	7.5	8.2	8.4	8.2	8.1	8.3	8.2	8.4
86°	6.6	6.5	6.3	6.1	6.9	7.1	6.8	6.7	7.0	7.0	7.1
86.5°	5.3	5.2	5.1	4.9	5.7	5.7	5.4	5.4	5.7	5.7	5.8
87°	4.2	4.1	3.9	3.8	4.4	4.4	4.0	4.0	4.4	4.4	4.6
87.5°	3.1	3.1	3.0	2.9	3.1	3.1	3.1	3.1	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	1.9	1.8	1.7	1.7	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: P997176
CATALOG NUMBER: SMX4SLSFSD2W-800LM-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: P997176

CATALOG NUMBER: SMX4SLSFSD2W-800LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	315.3	315.3	315.3	315.3	315.3	315.3
0.5°	315.1	314.8	315.0	315.3	315.4	315.9
1°	315.2	314.9	315.2	315.2	315.4	315.6
1.5°	315.1	314.7	314.8	315.3	315.3	315.6
2°	315.0	314.7	314.9	314.8	315.4	315.5
2.5°	314.8	314.5	314.6	315.1	315.1	315.3
3°	314.8	314.6	314.7	314.6	315.1	315.4
3.5°	314.5	314.0	314.3	314.6	314.7	315.3
4°	314.4	314.1	314.3	314.4	314.7	314.7
4.5°	313.9	313.6	313.8	314.2	314.4	314.6
5°	313.9	313.6	313.8	313.8	314.3	314.3
5.5°	313.4	313.2	313.1	313.7	313.7	314.2
6°	313.1	312.7	313.1	313.1	313.6	313.8
6.5°	312.8	312.6	312.7	313.0	313.1	313.5
7°	312.4	312.0	312.3	312.5	312.8	312.8
7.5°	311.8	311.5	311.8	312.1	312.3	312.8
8°	311.6	311.2	311.6	311.5	312.0	312.1
8.5°	311.1	310.7	310.8	311.5	311.2	311.8
9°	310.6	310.2	310.5	310.5	311.3	311.0
9.5°	309.9	309.6	309.7	310.2	310.2	310.7
10°	309.6	309.0	309.5	309.5	309.9	310.0
10.5°	308.8	308.2	308.5	309.1	309.3	309.6
11°	308.1	308.1	308.2	308.1	308.5	308.8
11.5°	307.6	306.9	307.4	307.7	308.1	308.4
12°	307.0	306.4	306.8	306.9	307.1	307.5
12.5°	306.2	305.7	305.9	306.5	306.7	306.7
13°	305.4	305.1	305.4	305.7	305.9	306.2
13.5°	304.7	304.2	304.4	304.8	305.1	305.5
14°	303.9	303.5	303.8	304.1	304.5	304.4
14.5°	303.1	302.6	302.8	303.2	303.5	304.0
15°	302.4	301.8	302.0	302.3	302.8	302.8
15.5°	301.3	300.9	301.1	301.6	301.9	301.9
16°	300.4	299.9	300.3	300.4	301.1	301.2
16.5°	299.4	299.1	299.3	299.9	299.9	300.3
17°	298.6	298.1	298.4	298.6	299.2	299.2
17.5°	297.6	297.0	297.3	297.8	298.1	298.3
18°	296.3	296.0	296.5	296.9	297.0	297.1
18.5°	295.6	295.1	295.4	295.8	296.2	296.3
19°	294.3	294.2	294.4	294.5	295.1	295.1
19.5°	293.4	292.8	293.2	293.7	294.1	294.1
20°	292.3	291.9	292.3	292.5	292.9	293.0
20.5°	290.9	290.6	290.7	291.5	291.8	291.9
21°	290.0	289.5	290.0	290.1	290.5	290.8

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997176

CATALOG NUMBER: SMX4SLSFSD2W-800LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	286.4	285.6	286.0	286.8	286.9	287.2
23°	284.9	284.6	285.2	285.2	285.8	285.9
23.5°	283.9	283.3	283.6	284.2	284.4	284.5
24°	282.5	282.0	282.3	282.8	283.2	283.3
24.5°	281.1	280.5	281.0	281.6	281.8	281.9
25°	279.8	279.3	279.6	280.1	280.5	280.5
25.5°	278.2	277.7	278.2	278.8	279.0	279.3
26°	276.9	276.5	276.9	277.2	277.7	277.6
26.5°	275.5	274.8	275.3	276.0	276.2	276.4
27°	274.0	273.5	273.9	274.4	274.8	274.8
27.5°	272.5	271.9	272.5	272.9	273.3	273.4
28°	271.0	270.5	270.9	271.3	271.8	271.7
28.5°	269.4	269.0	269.3	269.9	270.3	270.3
29°	268.0	267.4	267.9	268.3	268.9	268.8
29.5°	266.3	265.9	266.3	266.9	267.1	267.3
30°	264.8	264.3	264.7	265.1	265.8	265.5
30.5°	263.0	262.6	263.0	263.8	263.7	264.2
31°	261.7	261.1	261.5	261.9	262.7	262.3
31.5°	259.7	259.4	259.8	260.5	260.5	260.9
32°	258.4	257.5	258.2	258.7	258.9	259.0
32.5°	256.3	256.0	256.4	257.0	257.3	257.4
33°	254.9	254.3	254.7	255.3	255.7	255.7
33.5°	252.8	252.4	253.0	253.5	254.0	254.0
34°	251.5	250.8	251.3	251.7	252.2	252.1
34.5°	249.3	248.9	249.4	249.9	250.5	250.5
35°	247.7	247.2	247.7	248.1	248.6	248.4
35.5°	245.8	245.3	245.8	246.4	246.8	246.9
36°	244.2	243.5	243.9	244.5	245.0	244.8
36.5°	242.2	241.5	242.1	242.8	243.0	243.2
37°	240.4	239.7	240.3	240.8	241.2	241.1
37.5°	238.4	237.8	238.3	239.0	239.2	239.3
38°	236.6	236.0	236.5	236.9	237.5	237.4
38.5°	234.6	234.0	234.5	235.1	235.5	235.5
39°	232.8	231.9	232.6	233.1	233.7	233.3
39.5°	230.6	230.1	230.6	231.1	231.6	231.7
40°	228.8	228.0	228.6	229.2	229.6	229.5
40.5°	226.6	226.1	226.5	227.2	227.4	227.5
41°	224.8	224.0	224.6	225.0	225.6	225.6
41.5°	222.7	222.0	222.5	223.0	223.4	223.5
42°	220.6	220.0	220.5	221.0	221.5	221.4
42.5°	218.4	217.9	218.4	218.9	219.2	219.4
43°	216.6	215.9	216.4	216.8	217.4	217.1
43.5°	214.3	213.7	214.2	214.8	215.2	215.2

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997176

CATALOG NUMBER: SMX4SLSFSD2W-800LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	208.0	207.3	207.8	208.4	208.8	208.7
45.5°	205.7	205.1	205.6	206.0	206.5	206.6
46°	203.5	203.0	203.4	204.0	204.5	204.4
46.5°	201.3	200.6	201.2	201.6	202.2	202.2
47°	199.3	198.5	198.9	199.6	199.9	199.9
47.5°	196.8	196.3	196.8	197.3	197.7	197.8
48°	194.7	193.9	194.6	195.0	195.5	195.4
48.5°	192.3	191.7	192.2	192.8	193.2	193.2
49°	190.2	189.5	190.0	190.5	190.9	190.9
49.5°	187.6	187.2	187.7	188.1	188.5	188.6
50°	185.7	184.7	185.4	185.8	186.3	186.2
50.5°	183.1	182.5	183.0	183.4	183.9	184.0
51°	180.8	180.0	180.6	181.2	181.5	181.5
51.5°	178.5	177.7	178.4	178.7	179.2	179.3
52°	176.1	175.4	176.0	176.5	176.8	176.8
52.5°	173.8	173.1	173.6	174.0	174.5	174.5
53°	171.3	170.5	171.2	171.6	172.0	172.0
53.5°	169.0	168.2	168.7	169.2	169.7	169.6
54°	166.4	165.7	166.2	166.8	167.1	167.1
54.5°	164.1	163.3	163.9	164.3	164.8	164.7
55°	161.7	160.8	161.3	161.9	162.2	162.2
55.5°	159.2	158.5	159.0	159.3	159.7	159.8
56°	156.7	155.9	156.4	156.9	157.4	157.2
56.5°	154.2	153.4	154.0	154.4	154.8	154.8
57°	151.7	150.9	151.4	151.9	152.3	152.2
57.5°	149.2	148.4	148.8	149.3	149.6	149.7
58°	146.7	145.7	146.2	146.8	147.3	147.3
58.5°	144.2	143.4	143.8	144.3	144.6	144.6
59°	141.6	140.7	141.2	141.7	142.0	142.0
59.5°	138.9	138.2	138.7	139.1	139.5	139.5
60°	136.5	135.5	136.1	136.6	137.0	136.9
60.5°	133.9	133.1	133.5	133.9	134.3	134.2
61°	131.2	130.3	130.8	131.3	131.6	131.7
61.5°	128.6	127.8	128.4	128.7	129.1	129.1
62°	126.1	125.1	125.6	126.1	126.4	126.5
62.5°	123.4	122.6	123.1	123.4	123.8	123.7
63°	120.8	119.9	120.3	120.9	121.2	121.1
63.5°	118.1	117.2	117.8	118.0	118.5	118.5
64°	115.5	114.5	115.0	115.5	115.8	115.7
64.5°	112.8	111.9	112.4	112.7	113.1	113.1
65°	110.2	109.2	109.6	110.0	110.5	110.4
65.5°	107.5	106.6	107.0	107.4	107.7	107.7
66°	104.8	103.8	104.3	104.6	105.0	104.9

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997176

CATALOG NUMBER: SMX4SLSFSD2W-800LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	96.7	95.7	96.2	96.5	96.9	96.9
68°	93.9	93.0	93.5	93.8	94.1	94.1
68.5°	91.2	90.3	90.7	91.0	91.4	91.3
69°	88.6	87.5	88.0	88.2	88.5	88.6
69.5°	85.8	84.9	85.2	85.6	85.9	85.8
70°	83.1	82.1	82.5	82.9	83.1	83.1
70.5°	80.4	79.4	79.8	80.1	80.4	80.4
71°	77.7	76.7	77.0	77.3	77.6	77.6
71.5°	74.9	73.9	74.4	74.6	74.9	74.9
72°	72.3	71.2	71.6	72.0	72.1	72.1
72.5°	69.6	68.5	68.9	69.1	69.5	69.4
73°	66.9	65.7	66.1	66.4	66.7	66.7
73.5°	64.2	63.0	63.4	63.7	64.0	63.9
74°	61.5	60.3	60.7	61.0	61.2	61.2
74.5°	58.8	57.7	58.0	58.3	58.6	58.5
75°	56.1	55.0	55.4	55.6	55.9	55.8
75.5°	53.4	52.4	52.7	52.9	53.2	53.2
76°	50.8	49.7	50.0	50.2	50.5	50.4
76.5°	48.0	47.0	47.4	47.6	47.9	47.8
77°	45.5	44.5	44.7	45.0	45.3	45.2
77.5°	42.9	41.9	42.2	42.4	42.7	42.7
78°	40.4	39.4	39.7	39.9	40.1	40.1
78.5°	37.8	36.8	37.2	37.3	37.6	37.5
79°	35.3	34.4	34.7	34.8	35.0	35.0
79.5°	32.9	31.9	32.2	32.4	32.6	32.5
80°	30.5	29.5	29.8	29.9	30.2	30.1
80.5°	28.1	27.3	27.5	27.7	27.9	27.8
81°	25.8	25.1	25.3	25.5	25.7	25.6
81.5°	23.5	22.9	23.1	23.2	23.5	23.4
82°	21.3	20.7	20.9	21.0	21.2	21.2
82.5°	19.2	18.4	18.6	18.8	19.0	18.9
83°	17.1	16.4	16.6	16.7	16.9	16.9
83.5°	15.2	14.4	14.6	14.7	14.9	14.9
84°	13.2	12.6	12.8	12.8	13.0	13.0
84.5°	11.5	10.8	11.0	11.1	11.3	11.2
85°	9.8	9.2	9.3	9.4	9.6	9.6
85.5°	8.5	7.7	7.8	7.9	8.0	8.0
86°	7.2	6.3	6.4	6.4	6.6	6.6
86.5°	5.9	5.0	5.1	5.2	5.3	5.3
87°	4.6	3.9	4.0	4.1	4.2	4.2
87.5°	3.3	3.0	3.1	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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1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



TEST NUMBER: P997176
CATALOG NUMBER: SMX4SLSFSD2W-800LM-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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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°	289.6	289.2	288.5	288.1	288.1	287.9	288.0	287.8	288.1	288.4	288.6
22°	288.3	288.1	287.5	286.9	287.3	286.8	286.8	286.7	286.9	287.3	287.4



44°	212.8	212.8	212.0	211.2	211.6	211.2	210.9	210.9	211.0	211.3	211.6
44.5°	210.9	210.4	209.7	209.0	209.4	208.9	208.9	208.6	208.8	209.2	209.7



66.5°	102.2	102.0	101.3	100.6	101.4	101.1	100.8	100.7	100.8	101.1	101.6
67°	99.5	99.2	98.6	98.0	98.7	98.3	98.2	98.1	98.1	98.5	98.9



89°	1.3	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°	288.7	288.0	288.5	289.0	289.4	289.6
22°	287.5	287.2	287.6	287.7	288.3	288.3

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44°	212.4	211.4	212.0	212.6	213.1	212.8
44.5°	210.0	209.4	209.9	210.4	210.9	210.9

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66.5°	102.1	101.2	101.7	101.9	102.3	102.2
67°	99.4	98.4	98.8	99.2	99.5	99.5

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

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Scaled Data Report



(END OF REPORT)