

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: P997164

Luminaire Tested: **SMX4SLSF010-800LM-4000K**

Issue Date: 3/11/2025



Test Information

Test Method: LM-41-14
Report Number: P997164
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (A2410943A001)
Test Lab:
Issue Date: 3/11/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: HALO
Catalog Number: SMX4SLSFS010-800LM-4000K
Description: 4IN SQAURE, 90CRI, 0-10V DIMMING, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 4000K CCT
Ballast/Driver: -

Summary

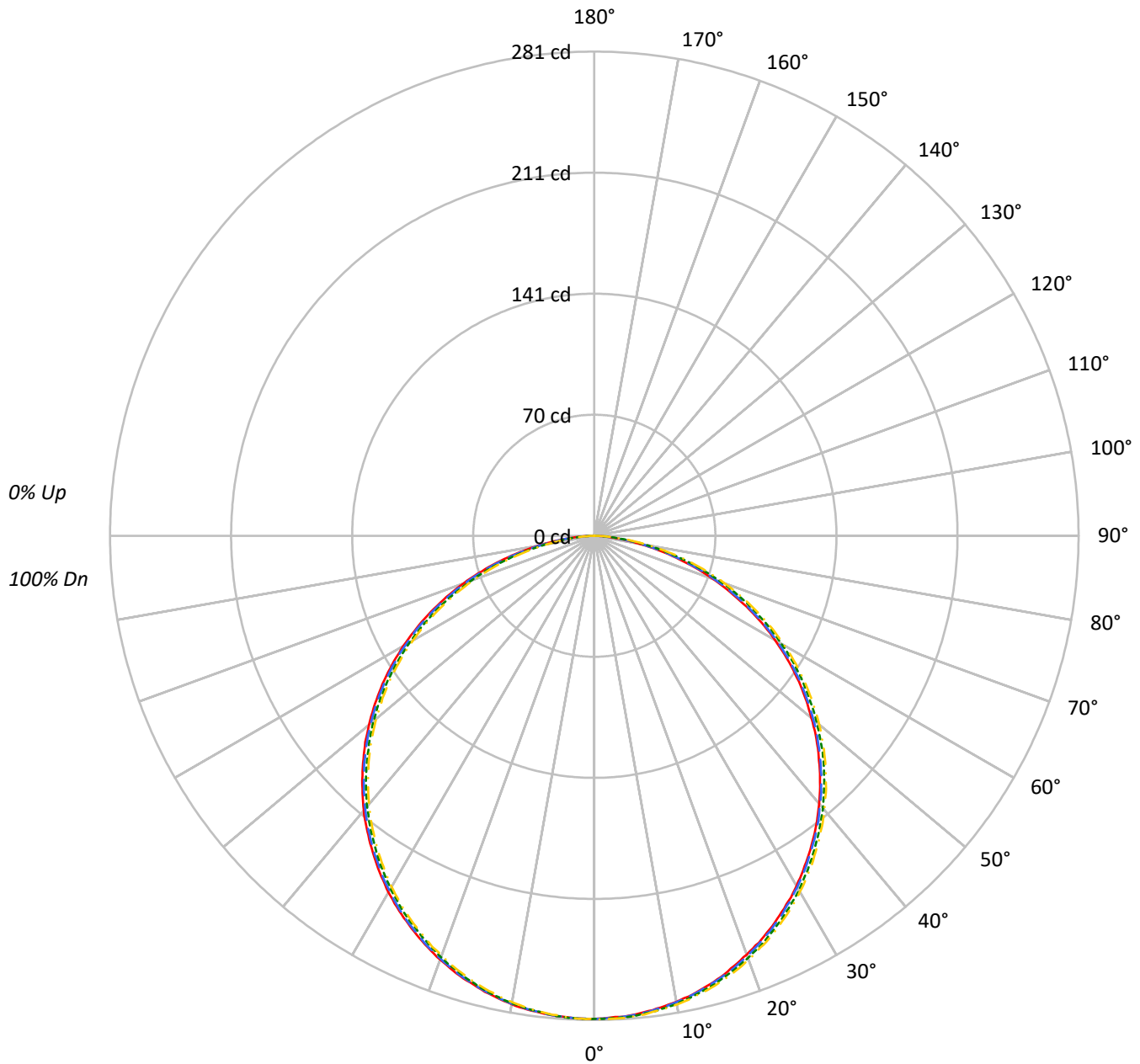
Lumens per Lamp: N/A
Luminaire Lumens: 800.6 lumens
Efficiency: N/A
Efficacy: 93.1 lumens/watt
Spacing Criteria (0/90/45): 1.25 / 1.26 / 1.37
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
CIE Type: Direct

Input Watts (W): 8.6
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	94	97	94	91	94	91	89	90	88	86	84		
2	99	91	84	78	96	89	82	77	85	80	75	82	77	73	79	75	72	70		
3	90	79	71	65	88	78	70	64	75	68	63	72	66	62	69	65	61	59		
4	82	70	61	55	80	69	61	54	66	59	54	64	58	53	62	57	52	50		
5	76	63	54	47	74	62	53	47	59	52	46	57	51	46	56	50	45	43		
6	70	56	47	41	68	55	47	41	54	46	40	52	45	40	50	44	40	38		
7	65	51	42	36	63	50	42	36	49	41	36	47	41	35	46	40	35	33		
8	60	47	38	32	59	46	38	32	45	37	32	43	37	32	42	36	31	30		
9	56	43	35	29	55	42	34	29	41	34	29	40	33	29	39	33	28	27		
10	53	39	32	26	51	39	31	26	38	31	26	37	31	26	36	30	26	24		

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	27715	27715	27715	27715
5°	27653	27732	27722	27712
10°	27561	27701	27711	27641
15°	27434	27588	27619	27516
20°	27212	27432	27538	27380
25°	27025	27265	27396	27178
30°	26787	27107	27266	26981
35°	26498	26848	27053	26727
40°	26193	26619	26851	26477
45°	25776	26321	26559	26084
50°	25295	25895	26249	25680
55°	24729	25435	25866	25194
60°	23920	24770	25264	24434
65°	22803	23903	24487	23411
70°	21183	22628	23351	21935
75°	18751	20546	21539	19630
80°	14913	17418	18727	16222
85°	9073	12702	14516	10887



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.5	3.3
10°-20°	75.9	9.5
20°-30°	115.0	14.4
30°-40°	138.8	17.3
40°-50°	144.5	18.0
50°-60°	131.0	16.4
60°-70°	99.9	12.5
70°-80°	55.8	7.0
80°-90°	13.0	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°	217.5	27.2
0°-40°	356.3	44.5
0°-60°	631.9	78.9
0°-90°	800.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	800.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	280	280	280	280	280	
5°	279	280	279	279	279	26
15°	268	270	270	269	268	76
25°	248	250	251	249	248	114
35°	220	222	224	222	220	137
45°	184	188	190	187	184	142
55°	144	148	150	146	144	128
65°	98	102	105	100	98	96
75°	49	54	56	51	49	52
85°	8	11	13	10	8	11
90°	0	0	0	0	0	

Cooper Lighting Solutions Photometric Lab

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	280.4	280.4	280.4	280.4	280.4	280.4	280.4	280.4	280.4	280.4	280.4
0.5°	280.2	280.2	280.4	280.3	280.4	280.3	280.7	280.4	280.4	280.5	280.3
1°	280.2	280.2	280.2	280.2	280.4	280.2	280.6	280.5	280.4	280.5	280.3
1.5°	280.0	280.3	280.1	280.0	280.3	280.4	280.6	280.4	280.3	280.4	280.3
2°	279.8	280.2	280.0	279.9	280.2	280.5	280.6	280.3	280.2	280.4	280.1
2.5°	279.6	280.0	279.9	279.9	280.2	280.3	280.5	280.3	280.2	280.3	280.1
3°	279.6	280.0	279.8	279.8	280.1	280.0	280.5	280.2	280.0	280.1	280.0
3.5°	279.6	279.8	279.6	279.6	279.9	279.8	280.4	280.0	279.8	280.1	279.9
4°	279.3	279.5	279.5	279.5	280.0	279.8	280.0	279.8	279.6	280.0	279.6
4.5°	279.0	279.3	279.2	279.2	279.8	279.6	280.0	279.6	279.6	279.9	279.5
5°	278.7	279.0	278.9	278.9	279.5	279.4	279.7	279.5	279.4	279.7	279.4
5.5°	278.3	278.6	278.8	278.9	279.1	279.3	279.4	279.3	279.2	279.4	279.1
6°	277.9	278.3	278.3	278.5	278.8	278.9	279.4	278.9	278.9	279.1	278.8
6.5°	277.6	278.0	278.0	278.2	278.6	278.6	278.9	278.8	278.6	279.0	278.5
7°	277.4	277.6	277.6	277.8	278.3	278.3	278.4	278.6	278.2	278.7	278.1
7.5°	276.8	277.2	277.1	277.4	278.0	278.0	278.1	278.2	278.1	278.2	277.8
8°	276.5	276.9	276.7	276.9	277.5	277.7	277.9	277.8	277.7	277.8	277.5
8.5°	276.0	276.4	276.4	276.4	277.1	277.3	277.5	277.4	277.3	277.4	277.0
9°	275.5	275.9	275.9	276.0	276.7	276.8	277.2	277.0	277.0	276.9	276.5
9.5°	275.1	275.4	275.3	275.6	276.3	276.4	276.6	276.5	276.6	276.6	276.4
10°	274.6	274.8	274.8	275.0	276.0	275.9	276.3	276.1	276.1	276.3	275.8
10.5°	274.0	274.1	274.3	274.6	275.1	275.5	275.7	275.6	275.5	275.8	275.3
11°	273.4	273.7	273.8	273.8	274.5	274.9	275.3	275.1	275.1	275.2	274.6
11.5°	273.0	272.9	273.1	273.2	274.1	274.4	274.7	274.5	274.5	274.7	274.3
12°	272.4	272.5	272.6	272.7	273.5	273.8	274.1	274.0	273.9	274.0	273.6
12.5°	271.7	271.7	271.9	272.1	272.7	273.0	273.3	273.5	273.3	273.6	273.0
13°	270.9	271.2	271.2	271.4	272.1	272.6	272.9	272.8	272.7	272.9	272.4
13.5°	270.1	270.5	270.5	270.8	271.5	271.9	272.3	272.3	272.2	272.2	271.7
14°	269.5	269.7	269.8	270.2	270.8	271.2	271.7	271.5	271.3	271.5	271.0
14.5°	268.8	268.9	269.1	269.3	270.0	270.5	271.0	270.8	270.7	270.9	270.4
15°	268.1	268.3	268.3	268.5	269.6	269.9	270.4	270.2	269.9	270.2	269.6
15.5°	267.1	267.4	267.6	267.8	268.6	269.0	269.6	269.5	269.1	269.4	269.0
16°	266.4	266.6	266.8	266.9	267.7	268.5	268.8	268.8	268.5	268.9	268.1
16.5°	265.5	265.6	265.9	266.2	266.9	267.6	268.1	268.0	267.9	268.0	267.4
17°	264.5	264.8	265.1	265.3	266.1	266.7	267.1	267.2	267.0	267.0	266.6
17.5°	263.3	264.0	264.3	264.5	265.3	265.9	266.4	266.3	266.3	266.3	265.7
18°	262.5	263.2	263.5	263.6	264.5	265.1	265.6	265.3	265.3	265.4	264.8
18.5°	261.6	262.1	262.4	262.9	263.5	264.3	264.7	264.6	264.5	264.5	264.0
19°	260.7	261.2	261.4	261.8	262.6	263.4	263.7	263.8	263.4	263.6	263.0
19.5°	259.5	260.2	260.5	260.9	261.7	262.4	262.7	262.7	262.6	262.7	262.2
20°	258.7	259.3	259.5	260.0	260.8	261.6	261.7	261.7	261.8	261.7	261.1
20.5°	257.5	258.2	258.5	259.1	259.7	260.5	260.9	260.8	260.9	260.7	260.3
21°	256.6	257.2	257.4	257.8	258.7	259.6	259.7	259.8	259.8	259.7	259.2

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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°	253.6	254.0	254.2	254.7	255.8	256.5	256.9	256.9	256.7	256.9	256.2
23°	252.4	252.9	253.1	253.5	254.6	255.5	255.8	255.9	255.6	255.8	255.1
23.5°	251.2	251.7	252.0	252.4	253.4	254.2	254.7	254.6	254.5	254.8	253.9
24°	250.1	250.5	251.1	251.3	252.3	253.0	253.6	253.5	253.5	253.6	252.8
24.5°	249.0	249.3	249.7	250.1	251.2	252.0	252.5	252.5	252.3	252.4	251.7
25°	247.8	248.2	248.5	248.8	250.0	250.9	251.3	251.2	251.2	251.4	250.5
25.5°	246.4	246.9	247.4	247.9	248.8	249.7	250.1	250.1	250.0	250.2	249.5
26°	245.1	245.8	246.4	246.7	247.7	248.4	248.8	249.1	248.8	248.8	248.2
26.5°	243.9	244.5	245.0	245.4	246.5	247.3	247.7	247.9	247.7	247.7	247.2
27°	242.8	243.2	243.5	244.2	245.2	246.1	246.5	246.6	246.5	246.5	245.8
27.5°	241.2	241.8	242.1	242.9	243.9	244.7	245.2	245.5	245.3	245.2	244.6
28°	240.1	240.6	241.0	241.5	242.6	243.4	243.9	244.0	244.0	244.0	243.3
28.5°	238.9	239.2	239.6	240.2	241.3	242.1	242.7	242.8	242.8	242.7	242.0
29°	237.5	237.9	238.2	238.7	240.2	240.8	241.4	241.4	241.4	241.4	240.6
29.5°	236.0	236.7	236.8	237.5	238.8	239.4	240.1	240.0	240.2	240.0	239.4
30°	234.7	235.1	235.5	236.0	237.5	238.1	238.6	238.8	238.9	238.8	237.8
30.5°	233.1	233.6	234.1	234.7	236.0	236.8	237.3	237.4	237.5	237.2	236.4
31°	231.8	232.3	232.6	233.1	234.5	235.5	235.9	236.0	235.9	235.8	235.1
31.5°	230.3	230.9	231.1	231.8	233.0	233.9	234.4	234.6	234.5	234.4	233.8
32°	228.8	229.3	229.7	230.3	231.6	232.4	232.9	233.0	233.2	233.0	232.2
32.5°	227.2	227.7	228.2	228.9	230.2	231.0	231.5	231.5	231.7	231.5	230.8
33°	225.8	226.3	226.7	227.4	228.8	229.6	230.2	230.2	230.3	230.0	229.2
33.5°	224.3	224.8	225.1	225.8	227.2	227.8	228.7	228.6	228.7	228.5	227.6
34°	222.8	223.2	223.6	224.3	225.7	226.3	227.1	227.2	227.2	227.0	226.1
34.5°	221.2	221.7	222.1	222.7	224.1	224.9	225.4	225.7	225.7	225.5	224.8
35°	219.6	220.1	220.5	221.1	222.5	223.4	224.0	224.0	224.2	224.0	223.0
35.5°	218.0	218.5	218.9	219.7	220.8	221.9	222.4	222.5	222.6	222.3	221.6
36°	216.4	216.8	217.4	218.1	219.2	220.4	220.8	220.9	221.1	220.8	220.0
36.5°	214.9	215.3	215.8	216.5	217.8	218.6	219.3	219.5	219.5	219.3	218.4
37°	213.3	213.7	214.2	214.8	216.2	217.1	217.7	218.0	217.8	217.6	216.7
37.5°	211.6	212.0	212.6	213.3	214.6	215.6	215.9	216.4	216.3	216.0	215.4
38°	210.0	210.4	210.9	211.4	213.0	214.0	214.4	214.8	214.7	214.5	213.6
38.5°	208.2	208.6	209.2	209.8	211.3	212.3	212.9	213.1	213.1	212.8	212.0
39°	206.4	206.8	207.4	208.2	209.6	210.7	211.1	211.4	211.6	211.0	210.2
39.5°	204.6	205.0	205.5	206.4	208.1	208.8	209.5	209.7	209.9	209.4	208.6
40°	203.0	203.4	203.9	204.5	206.3	207.1	207.7	208.1	208.1	207.6	206.8
40.5°	201.1	201.6	202.1	203.0	204.5	205.4	205.9	206.4	206.3	205.9	205.1
41°	199.3	199.9	200.4	201.1	202.8	203.7	204.2	204.5	204.5	204.3	203.1
41.5°	197.6	198.1	198.7	199.4	201.0	201.9	202.4	202.8	202.7	202.5	201.4
42°	195.8	196.3	196.7	197.6	199.3	200.1	200.8	201.0	201.0	200.6	199.8
42.5°	193.8	194.4	195.0	195.9	197.4	198.2	199.1	199.2	199.2	198.9	197.9
43°	192.0	192.8	193.1	194.0	195.6	196.5	197.1	197.3	197.4	197.1	196.0
43.5°	190.3	190.8	191.3	192.2	193.8	194.7	195.2	195.6	195.7	195.3	194.3

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	184.4	185.2	185.6	186.5	188.3	189.2	189.7	190.1	190.0	189.8	188.8
45.5°	182.5	183.3	183.7	184.7	186.5	187.2	187.9	188.1	188.1	188.0	187.1
46°	180.7	181.4	181.9	182.7	184.5	185.4	186.0	186.3	186.1	185.9	184.9
46.5°	178.8	179.4	179.9	180.7	182.6	183.4	183.9	184.5	184.3	184.0	183.2
47°	176.8	177.5	177.8	178.8	180.5	181.5	182.2	182.6	182.5	182.3	181.2
47.5°	174.9	175.3	176.0	176.9	178.5	179.6	180.1	180.7	180.6	180.2	179.3
48°	172.8	173.4	174.1	174.8	176.4	177.6	178.1	178.7	178.8	178.3	177.2
48.5°	170.8	171.4	172.0	172.8	174.4	175.7	176.3	176.6	176.7	176.3	175.4
49°	168.6	169.5	170.0	170.7	172.4	173.5	174.4	174.6	174.6	174.3	173.3
49.5°	166.7	167.4	168.0	168.9	170.4	171.6	172.4	172.7	172.6	172.4	171.4
50°	164.5	165.2	165.9	166.9	168.4	169.8	170.3	170.7	170.7	170.4	169.2
50.5°	162.4	163.2	163.8	164.8	166.4	167.6	168.2	168.6	168.6	168.3	167.3
51°	160.3	161.1	161.7	162.7	164.4	165.6	166.2	166.6	166.6	166.4	165.2
51.5°	158.4	159.0	159.7	160.6	162.4	163.4	164.2	164.4	164.5	164.2	163.1
52°	156.4	157.0	157.6	158.5	160.3	161.3	162.1	162.5	162.5	162.2	161.1
52.5°	154.3	154.8	155.5	156.5	158.0	159.3	160.1	160.3	160.4	160.0	159.0
53°	152.1	152.7	153.4	154.4	155.9	157.3	158.0	158.3	158.3	157.9	156.9
53.5°	150.1	150.7	151.3	152.0	153.9	155.1	155.7	156.1	156.3	155.7	154.9
54°	147.9	148.5	149.2	149.9	151.7	153.0	153.7	153.8	154.0	153.7	152.7
54.5°	145.8	146.3	147.0	147.9	149.8	151.0	151.6	151.7	152.0	151.6	150.7
55°	143.5	144.2	144.9	145.8	147.6	148.9	149.5	149.8	150.1	149.6	148.7
55.5°	141.3	141.9	142.8	143.7	145.6	146.7	147.5	147.7	147.9	147.4	146.6
56°	139.2	139.7	140.5	141.5	143.4	144.5	145.2	145.5	145.6	145.3	144.2
56.5°	136.9	137.5	138.2	139.2	141.1	142.3	143.0	143.4	143.5	143.1	142.0
57°	134.9	135.3	136.0	136.9	139.0	140.0	140.9	141.1	141.2	140.8	139.8
57.5°	132.4	133.0	133.7	134.8	136.9	137.8	138.7	139.0	139.1	138.6	137.5
58°	130.2	130.7	131.5	132.5	134.5	135.7	136.4	136.8	136.8	136.3	135.4
58.5°	127.9	128.5	129.2	130.3	132.3	133.6	134.3	134.7	134.6	134.3	133.3
59°	125.6	126.2	127.0	128.0	130.1	131.1	131.9	132.5	132.2	131.9	131.0
59.5°	123.1	124.0	124.6	125.8	127.6	128.8	129.7	130.2	130.1	129.7	128.7
60°	121.0	121.7	122.5	123.6	125.3	126.5	127.4	128.0	127.8	127.4	126.3
60.5°	118.8	119.3	120.1	121.2	123.0	124.2	125.1	125.9	125.7	125.1	124.1
61°	116.6	117.1	117.9	118.9	120.7	122.0	122.7	123.5	123.3	122.9	121.8
61.5°	114.1	114.8	115.6	116.6	118.4	119.7	120.5	121.3	121.0	120.6	119.4
62°	111.8	112.5	113.2	114.3	116.4	117.6	118.3	118.8	118.6	118.3	117.4
62.5°	109.5	110.0	110.8	111.9	114.0	115.2	116.0	116.7	116.4	115.9	115.0
63°	107.0	107.6	108.4	109.6	111.7	112.9	113.7	114.2	114.1	113.6	112.5
63.5°	104.6	105.3	106.1	107.2	109.3	110.4	111.3	112.0	111.8	111.2	110.3
64°	102.3	102.8	103.7	104.6	106.9	108.1	108.9	109.6	109.4	108.9	107.8
64.5°	99.9	100.5	101.3	102.4	104.7	105.7	106.6	107.2	107.0	106.5	105.6
65°	97.5	98.1	98.9	100.0	102.2	103.4	104.2	104.7	104.7	104.2	103.2
65.5°	95.0	95.7	96.6	97.7	99.8	101.2	101.9	102.5	102.3	101.9	100.8
66°	92.6	93.2	94.1	95.2	97.7	98.7	99.4	100.2	99.9	99.6	98.5

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997164

CATALOG NUMBER: SMX4SLSFS010-800LM-4000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	85.4	86.2	86.8	88.0	90.3	91.6	92.3	92.9	92.9	92.1	91.1
68°	83.0	83.8	84.6	85.7	87.9	89.1	89.9	90.4	90.5	89.9	88.8
68.5°	80.5	81.3	82.2	83.3	85.7	86.7	87.5	87.9	88.0	87.4	86.4
69°	78.1	78.9	79.7	80.8	83.2	84.4	85.2	85.7	85.7	85.2	84.1
69.5°	75.7	76.4	77.2	78.4	80.7	81.9	82.8	83.3	83.2	82.7	81.7
70°	73.3	74.0	74.7	75.9	78.3	79.5	80.2	80.8	80.8	80.3	79.2
70.5°	70.7	71.5	72.4	73.5	75.9	77.1	78.0	78.4	78.5	77.9	76.8
71°	68.4	69.1	69.9	70.9	73.4	74.6	75.4	76.0	76.0	75.4	74.4
71.5°	66.0	66.6	67.3	68.5	70.8	72.2	73.0	73.4	73.5	73.1	71.9
72°	63.5	64.2	65.0	66.1	68.4	69.8	70.4	71.0	71.1	70.6	69.5
72.5°	61.1	61.7	62.5	63.6	66.0	67.4	68.1	68.5	68.5	68.1	66.9
73°	58.6	59.3	60.1	61.1	63.5	64.9	65.6	66.2	66.1	65.6	64.5
73.5°	56.2	56.9	57.7	58.7	61.2	62.5	63.1	63.6	63.7	63.2	62.0
74°	53.8	54.5	55.2	56.3	58.7	60.0	60.7	61.2	61.4	60.8	59.7
74.5°	51.4	52.2	53.1	54.0	56.3	57.7	58.3	58.8	58.8	58.3	57.3
75°	49.1	49.6	50.5	51.5	53.8	55.1	55.8	56.4	56.4	55.8	54.9
75.5°	46.7	47.3	48.1	49.1	51.5	53.0	53.5	53.8	54.0	53.6	52.5
76°	44.4	45.0	45.6	46.7	49.2	50.4	51.1	51.6	51.7	51.2	50.1
76.5°	41.9	42.5	43.3	44.2	46.8	48.1	48.7	49.2	49.2	48.9	47.7
77°	39.7	40.2	41.0	41.9	44.4	45.6	46.3	46.7	46.8	46.4	45.3
77.5°	37.5	37.9	38.6	39.6	42.1	43.3	44.0	44.5	44.4	44.0	43.0
78°	35.1	35.5	36.4	37.4	39.7	41.0	41.7	42.1	42.1	41.6	40.7
78.5°	32.9	33.3	34.2	35.1	37.4	38.6	39.3	39.8	39.8	39.4	38.4
79°	30.6	31.1	31.8	32.9	35.1	36.3	37.0	37.4	37.4	37.1	36.1
79.5°	28.4	28.9	29.6	30.6	32.9	34.1	34.6	35.1	35.1	34.7	33.7
80°	26.2	26.7	27.4	28.4	30.6	31.8	32.4	32.9	32.9	32.5	31.5
80.5°	24.1	24.6	25.3	26.1	28.5	29.6	30.2	30.6	30.7	30.3	29.4
81°	22.1	22.5	23.3	24.1	26.3	27.4	28.1	28.4	28.6	28.2	27.2
81.5°	20.3	20.6	21.5	22.1	24.2	25.3	25.9	26.2	26.3	26.0	25.1
82°	18.3	18.6	19.4	20.3	22.2	23.1	23.7	24.2	24.1	23.8	22.9
82.5°	16.4	16.8	17.6	18.4	20.4	21.2	21.7	22.1	22.1	21.9	21.0
83°	14.6	15.0	15.7	16.5	18.4	19.4	19.9	20.3	20.3	19.9	19.3
83.5°	12.8	13.2	13.9	14.6	16.4	17.5	18.0	18.3	18.4	18.0	17.3
84°	11.2	11.5	12.2	12.9	14.6	15.5	16.0	16.3	16.5	16.2	15.3
84.5°	9.6	9.9	10.6	11.3	12.8	13.7	14.3	14.6	14.6	14.3	13.6
85°	8.0	8.4	9.1	9.7	11.2	12.0	12.5	12.7	12.8	12.5	11.9
85.5°	6.7	7.0	7.7	8.2	9.6	10.4	10.8	11.1	11.1	10.8	10.2
86°	5.4	5.8	6.4	6.9	8.2	8.8	9.2	9.6	9.5	9.2	8.7
86.5°	4.2	4.6	5.3	5.6	6.6	7.3	7.7	7.9	8.0	7.7	7.3
87°	3.3	3.5	4.0	4.4	5.3	5.9	6.3	6.6	6.6	6.4	5.9
87.5°	2.4	2.7	3.2	3.4	4.3	4.7	5.0	5.2	5.3	5.1	4.6
88°	1.7	2.0	2.3	2.6	3.1	3.6	3.9	4.1	4.1	3.9	3.5
88.5°	1.1	1.3	1.6	1.8	2.2	2.5	2.8	2.9	3.0	2.8	2.5

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

Scaled Data Report



TEST NUMBER: P997164
CATALOG NUMBER: SMX4SLSFS010-800LM-4000K

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: P997164

CATALOG NUMBER: SMX4SLSFS010-800LM-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	280.4	280.4	280.4	280.4	280.4	280.4
0.5°	280.3	280.6	280.3	280.4	280.4	280.2
1°	280.2	280.4	280.3	280.5	280.2	280.2
1.5°	280.0	280.4	280.2	280.3	280.1	280.0
2°	280.0	280.3	280.1	280.3	279.9	279.8
2.5°	280.0	280.2	280.1	280.2	279.8	279.6
3°	279.9	280.2	280.1	279.9	279.8	279.6
3.5°	279.9	280.0	279.8	279.8	279.4	279.6
4°	279.6	279.6	279.6	279.6	279.2	279.3
4.5°	279.4	279.6	279.3	279.1	278.8	279.0
5°	279.3	279.3	279.1	279.1	278.4	278.7
5.5°	279.1	278.8	278.7	278.6	278.3	278.3
6°	278.6	278.4	278.3	278.3	278.1	277.9
6.5°	278.3	278.1	278.0	278.1	277.7	277.6
7°	278.0	277.9	277.6	277.7	277.4	277.4
7.5°	277.4	277.6	277.2	277.2	276.9	276.8
8°	277.1	277.3	276.8	276.9	276.5	276.5
8.5°	276.7	276.8	276.3	276.4	276.0	276.0
9°	276.3	276.2	275.9	275.8	275.5	275.5
9.5°	275.9	275.8	275.4	275.4	275.1	275.1
10°	275.5	275.4	274.9	274.9	274.4	274.6
10.5°	274.9	274.9	274.3	274.3	273.6	274.0
11°	274.5	274.4	273.8	273.7	273.2	273.4
11.5°	274.0	273.7	273.1	273.2	272.5	273.0
12°	273.4	273.2	272.7	272.5	271.9	272.4
12.5°	272.7	272.6	272.1	271.7	271.4	271.7
13°	272.1	272.0	271.4	271.2	270.8	270.9
13.5°	271.4	271.2	270.5	270.5	270.1	270.1
14°	270.6	270.6	270.0	269.7	269.4	269.5
14.5°	270.0	269.8	269.2	269.0	268.8	268.8
15°	269.2	268.9	268.3	268.4	268.1	268.1
15.5°	268.4	268.2	267.6	267.4	267.1	267.1
16°	267.8	267.5	266.6	266.7	266.2	266.4
16.5°	267.0	266.6	266.0	265.8	265.3	265.5
17°	266.1	265.7	265.2	264.9	264.5	264.5
17.5°	265.3	264.8	264.1	264.1	263.5	263.3
18°	264.5	264.0	263.3	263.2	262.8	262.5
18.5°	263.8	263.1	262.5	262.3	261.8	261.6
19°	262.8	262.3	261.5	261.2	260.7	260.7
19.5°	261.7	261.1	260.5	260.3	259.9	259.5
20°	260.8	260.3	259.6	259.1	258.9	258.7
20.5°	259.7	259.2	258.7	258.0	257.8	257.5
21°	258.6	258.1	257.5	257.3	257.0	256.6

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997164

CATALOG NUMBER: SMX4SLSFS010-800LM-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	255.6	254.8	254.4	253.9	253.4	253.6
23°	254.6	253.8	253.3	252.9	252.3	252.4
23.5°	253.4	252.7	252.2	251.5	251.1	251.2
24°	252.3	251.5	251.1	250.6	250.0	250.1
24.5°	251.1	250.2	249.9	249.3	248.9	249.0
25°	249.9	249.2	248.4	248.2	247.9	247.8
25.5°	248.8	248.0	247.4	247.1	246.6	246.4
26°	247.6	246.9	246.2	245.9	245.2	245.1
26.5°	246.3	245.7	244.9	244.5	244.0	243.9
27°	245.0	244.5	243.5	243.4	242.8	242.8
27.5°	243.9	243.1	242.4	242.1	241.4	241.2
28°	242.6	241.8	241.0	240.7	240.0	240.1
28.5°	241.2	240.4	239.7	239.2	238.6	238.9
29°	239.9	239.0	238.3	238.0	237.2	237.5
29.5°	238.6	237.8	237.0	236.5	235.8	236.0
30°	237.1	236.4	235.8	235.2	234.4	234.7
30.5°	235.7	234.9	234.3	233.8	233.0	233.1
31°	234.3	233.5	232.8	232.2	231.6	231.8
31.5°	232.9	232.1	231.5	230.8	230.0	230.3
32°	231.5	230.6	229.7	229.4	228.7	228.8
32.5°	230.1	229.1	228.3	227.7	227.2	227.2
33°	228.6	227.7	227.1	226.3	225.7	225.8
33.5°	227.1	226.1	225.4	224.6	224.2	224.3
34°	225.5	224.6	223.9	223.3	222.7	222.8
34.5°	224.0	223.0	222.3	221.7	220.9	221.2
35°	222.4	221.5	220.7	220.0	219.5	219.6
35.5°	221.0	219.8	219.1	218.4	217.7	218.0
36°	219.3	218.3	217.4	216.8	216.3	216.4
36.5°	217.6	216.6	215.8	215.1	214.7	214.9
37°	216.1	215.1	214.4	213.6	212.9	213.3
37.5°	214.5	213.4	212.8	212.0	211.3	211.6
38°	213.0	211.8	210.9	210.3	209.7	210.0
38.5°	211.2	210.2	209.3	208.6	207.9	208.2
39°	209.4	208.3	207.4	206.8	206.3	206.4
39.5°	207.8	206.7	205.8	205.0	204.6	204.6
40°	206.0	205.2	203.8	203.5	202.8	203.0
40.5°	204.2	203.4	202.1	201.5	200.9	201.1
41°	202.4	201.5	200.3	199.9	199.3	199.3
41.5°	200.7	199.7	198.6	198.0	197.4	197.6
42°	199.1	198.0	196.9	196.1	195.6	195.8
42.5°	197.2	196.0	195.0	194.4	193.7	193.8
43°	195.3	194.3	193.1	192.4	191.9	192.0
43.5°	193.5	192.4	191.3	190.5	190.0	190.3

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997164

CATALOG NUMBER: SMX4SLSFS010-800LM-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	187.9	186.6	185.5	185.1	184.3	184.4
45.5°	186.0	184.7	183.8	183.2	182.5	182.5
46°	184.0	182.9	181.9	181.1	180.6	180.7
46.5°	182.2	180.8	179.9	179.3	178.7	178.8
47°	180.3	179.0	177.9	177.3	176.7	176.8
47.5°	178.2	177.2	176.0	175.2	174.7	174.9
48°	176.4	175.1	174.0	173.2	172.7	172.8
48.5°	174.4	173.2	172.0	171.2	170.6	170.8
49°	172.4	171.1	170.0	169.1	168.8	168.6
49.5°	170.3	169.2	168.0	167.2	166.7	166.7
50°	168.4	167.0	165.9	165.1	164.6	164.5
50.5°	166.4	165.1	163.9	163.0	162.5	162.4
51°	164.2	162.9	161.6	160.9	160.5	160.3
51.5°	162.2	161.0	159.7	159.0	158.4	158.4
52°	160.1	159.0	157.4	156.7	156.4	156.4
52.5°	158.0	156.8	155.4	154.9	154.1	154.3
53°	155.9	154.7	153.2	152.6	152.0	152.1
53.5°	153.8	152.4	151.1	150.5	150.0	150.1
54°	151.8	150.4	149.0	148.4	147.8	147.9
54.5°	149.7	148.4	147.0	146.3	145.7	145.8
55°	147.7	146.2	144.8	144.1	143.4	143.5
55.5°	145.4	143.7	142.6	141.9	141.4	141.3
56°	143.4	141.7	140.4	139.6	139.1	139.2
56.5°	141.0	139.4	138.2	137.5	137.1	136.9
57°	138.9	137.2	135.9	135.1	134.8	134.9
57.5°	136.7	135.0	133.7	132.9	132.6	132.4
58°	134.6	132.8	131.4	130.8	130.3	130.2
58.5°	132.2	130.4	129.2	128.4	127.9	127.9
59°	130.1	128.2	126.9	126.2	125.7	125.6
59.5°	127.7	125.8	124.5	123.7	123.3	123.1
60°	125.5	123.6	122.3	121.6	121.0	121.0
60.5°	123.3	121.1	120.0	119.2	118.7	118.8
61°	121.0	119.0	117.7	117.0	116.6	116.6
61.5°	118.7	116.5	115.4	114.7	114.2	114.1
62°	116.5	114.2	113.1	112.4	111.7	111.8
62.5°	114.3	111.8	110.6	109.9	109.4	109.5
63°	111.9	109.6	108.2	107.6	107.0	107.0
63.5°	109.5	107.0	105.9	105.1	104.6	104.6
64°	107.1	104.8	103.6	102.8	102.3	102.3
64.5°	104.7	102.4	101.2	100.4	99.9	99.9
65°	102.3	100.1	98.8	98.1	97.5	97.5
65.5°	99.9	97.4	96.3	95.5	95.1	95.0
66°	97.5	95.2	93.9	93.1	92.8	92.6

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997164

CATALOG NUMBER: SMX4SLSFS010-800LM-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	90.2	87.9	86.7	86.0	85.6	85.4
68°	87.7	85.6	84.3	83.6	83.1	83.0
68.5°	85.5	83.2	81.9	81.0	80.7	80.5
69°	83.0	80.8	79.5	78.7	78.4	78.1
69.5°	80.6	78.2	77.1	76.3	75.9	75.7
70°	78.1	75.9	74.7	73.9	73.4	73.3
70.5°	75.8	73.4	72.2	71.3	70.9	70.7
71°	73.4	71.1	69.8	69.0	68.4	68.4
71.5°	70.8	68.5	67.3	66.5	65.9	66.0
72°	68.4	66.1	64.8	64.0	63.6	63.5
72.5°	66.0	63.6	62.5	61.5	61.0	61.1
73°	63.5	61.2	59.9	59.2	58.6	58.6
73.5°	61.0	58.6	57.6	56.7	56.1	56.2
74°	58.6	56.4	55.1	54.3	53.8	53.8
74.5°	56.2	53.9	52.8	52.1	51.3	51.4
75°	53.9	51.4	50.4	49.5	49.2	49.1
75.5°	51.5	49.1	48.0	47.1	46.5	46.7
76°	49.1	46.8	45.6	44.7	44.3	44.4
76.5°	46.7	44.3	43.1	42.3	41.9	41.9
77°	44.4	42.0	40.9	40.0	39.5	39.7
77.5°	42.0	39.7	38.6	37.8	37.3	37.5
78°	39.6	37.5	36.2	35.4	34.9	35.1
78.5°	37.2	35.2	34.0	33.3	32.6	32.9
79°	35.1	32.9	31.7	30.9	30.5	30.6
79.5°	32.9	30.7	29.5	28.8	28.3	28.4
80°	30.7	28.5	27.3	26.6	26.1	26.2
80.5°	28.4	26.3	25.3	24.5	24.1	24.1
81°	26.2	24.2	23.2	22.4	22.0	22.1
81.5°	24.3	22.2	21.3	20.6	20.2	20.3
82°	22.2	20.4	19.3	18.6	18.2	18.3
82.5°	20.3	18.4	17.4	16.7	16.3	16.4
83°	18.5	16.5	15.5	14.9	14.6	14.6
83.5°	16.5	14.7	13.7	13.2	12.8	12.8
84°	14.7	13.0	12.1	11.5	11.1	11.2
84.5°	12.9	11.3	10.4	9.9	9.5	9.6
85°	11.2	9.6	9.0	8.4	8.2	8.0
85.5°	9.6	8.3	7.4	7.1	6.6	6.7
86°	8.1	6.8	6.1	5.8	5.3	5.4
86.5°	6.7	5.4	5.0	4.6	4.3	4.2
87°	5.4	4.4	3.8	3.5	3.3	3.3
87.5°	4.2	3.4	2.8	2.6	2.4	2.4
88°	3.1	2.5	2.1	1.8	1.6	1.7
88.5°	2.1	1.8	1.4	1.2	1.1	1.1

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Scaled Data Report



TEST NUMBER: P997164
CATALOG NUMBER: SMX4SLSFS010-800LM-4000K

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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Report Generated By 670245859 / DESKTOP-T8S5UU9

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— 0°-180° - - 45°-225° - - - - 90°-270° - · - 135°-315°

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21.5°	255.4	256.2	256.4	256.7	257.8	258.5	258.7	259.0	258.8	258.7	258.2
22°	254.8	255.1	255.3	255.7	256.9	257.7	257.6	258.0	257.7	257.9	257.3



44°	188.3	189.0	189.3	190.1	191.9	192.9	193.4	193.8	193.7	193.4	192.4
44.5°	186.4	187.1	187.5	188.3	190.2	191.0	191.5	192.0	191.9	191.6	190.6



66.5°	90.2	90.8	91.6	92.8	95.1	96.2	97.1	97.7	97.6	97.0	96.0
67°	87.6	88.4	89.2	90.3	92.7	94.0	94.7	95.3	95.2	94.5	93.7

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89°	0.6	0.8	1.1	1.2	1.4	1.6	1.8	2.0	2.0	1.9	1.7
89.5°	0.3	0.4	0.6	0.8	0.7	1.0	1.1	1.4	1.3	1.3	0.9

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21.5°	257.6	256.9	256.4	256.4	255.6	255.4
22°	256.7	256.0	255.4	255.1	254.4	254.8

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44°	191.6	190.5	189.3	188.7	188.4	188.3
44.5°	189.7	188.6	187.4	186.9	186.2	186.4

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66.5°	95.1	92.6	91.5	90.6	90.3	90.2
67°	92.7	90.3	89.2	88.3	88.0	87.6

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89°	1.5	1.2	0.9	0.8	0.6	0.6
89.5°	0.7	0.8	0.5	0.4	0.2	0.3

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(END OF REPORT)