

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: P997165

Luminaire Tested: **SMX4SLSF010-800LM-5000K**

Issue Date: 3/11/2025



Test Information

Test Method: LM-41-14
Report Number: P997165
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-5000K
Description: 4IN SQAURE, 90CRI, 0-10V DIMMING, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 5000K CCT
Ballast/Driver: -

Summary

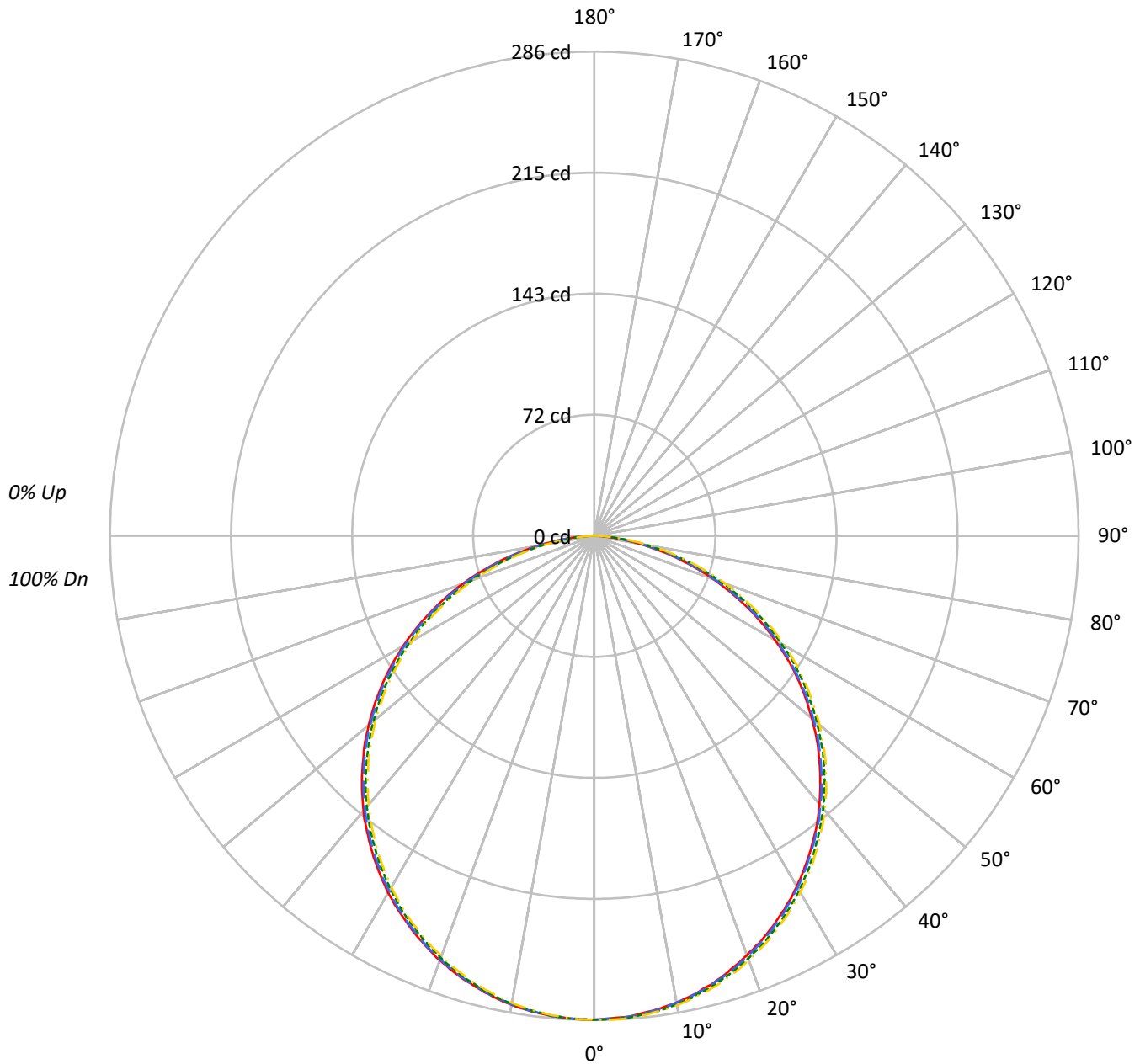
Lumens per Lamp: N/A
Luminaire Lumens: 816.0 lumens
Efficiency: N/A
Efficacy: 96.0 lumens/watt
Spacing Criteria (0/90/45): 1.25 / 1.26 / 1.37
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
CIE Type: Direct

Input Watts (W): 8.5
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
RCR																				
0	119	119	119	119	116	116	116	116		111	111	111		106	106	106		102	102	102
1	109	104	100	96	106	102	98	94		97	94	91		94	91	89		90	88	86
2	99	91	84	78	96	89	82	77		85	80	75		82	77	73		79	75	72
3	90	79	71	65	88	78	70	64		75	68	63		72	66	62		69	65	61
4	82	70	61	55	80	69	61	54		66	59	54		64	58	53		62	57	52
5	76	63	54	47	74	62	53	47		59	52	46		57	51	46		56	50	45
6	70	56	47	41	68	55	47	41		54	46	40		52	45	40		50	44	40
7	65	51	42	36	63	50	42	36		49	41	36		47	41	35		46	40	35
8	60	47	38	32	59	46	38	32		45	37	32		43	37	32		42	36	31
9	56	43	35	29	55	42	34	29		41	34	29		40	33	29		39	33	28
10	53	39	32	26	51	39	31	26		38	31	26		37	31	26		36	30	26

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	28249	28249	28249	28249
5°	28178	28268	28258	28238
10°	28093	28233	28243	28173
15°	27956	28120	28151	28038
20°	27737	27958	28064	27906
25°	27538	27789	27919	27701
30°	27301	27632	27791	27495
35°	27005	27367	27572	27234
40°	26696	27122	27367	26980
45°	26265	26825	27062	26587
50°	25787	26387	26756	26187
55°	25194	25935	26366	25694
60°	24374	25244	25758	24908
65°	23248	24370	24955	23856
70°	21588	23062	23813	22339
75°	19095	20928	21959	20011
80°	15198	17759	19125	16507
85°	9300	12929	14743	11114

Classified

Scaled Data Report

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997165

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.0	3.3
10°-20°	77.4	9.5
20°-30°	117.3	14.4
30°-40°	141.5	17.3
40°-50°	147.2	18.0
50°-60°	133.6	16.4
60°-70°	101.9	12.5
70°-80°	56.8	7.0
80°-90°	13.2	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°	221.7	27.2
0°-40°	363.2	44.5
0°-60°	644.0	78.9
0°-90°	816.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	816.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	286	286	286	286	286	
5°	284	285	285	285	284	27
15°	273	275	275	274	273	77
25°	252	255	256	254	252	116
35°	224	227	228	226	224	140
45°	188	192	194	190	188	145
55°	146	150	153	149	146	131
65°	99	104	107	102	99	98
75°	50	55	58	52	50	53
85°	8	11	13	10	8	11
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°	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8
0.5°	285.6	285.6	285.8	285.7	285.8	285.7	286.1	285.8	285.8	285.9	285.7
1°	285.6	285.6	285.5	285.6	285.8	285.5	286.0	285.9	285.8	285.9	285.7
1.5°	285.3	285.7	285.5	285.4	285.7	285.8	286.0	285.8	285.7	285.8	285.7
2°	285.2	285.6	285.4	285.3	285.6	285.9	286.0	285.7	285.6	285.8	285.5
2.5°	285.0	285.4	285.3	285.3	285.6	285.7	285.9	285.7	285.6	285.7	285.5
3°	285.0	285.4	285.2	285.2	285.5	285.4	285.9	285.5	285.4	285.5	285.4
3.5°	284.9	285.2	285.0	285.0	285.3	285.2	285.8	285.3	285.2	285.5	285.3
4°	284.7	284.9	284.9	284.9	285.4	285.1	285.4	285.2	285.0	285.4	285.0
4.5°	284.4	284.7	284.6	284.6	285.1	285.0	285.4	285.0	285.0	285.2	284.9
5°	284.0	284.4	284.3	284.3	284.9	284.8	285.1	284.8	284.8	285.0	284.8
5.5°	283.7	283.9	284.1	284.2	284.4	284.6	284.8	284.7	284.6	284.8	284.5
6°	283.3	283.7	283.7	283.9	284.1	284.3	284.8	284.3	284.2	284.5	284.1
6.5°	282.9	283.4	283.3	283.5	284.0	284.0	284.3	284.1	284.0	284.3	283.9
7°	282.7	283.0	282.9	283.1	283.7	283.7	283.8	284.0	283.5	284.0	283.5
7.5°	282.2	282.5	282.5	282.7	283.4	283.4	283.5	283.5	283.4	283.5	283.1
8°	281.8	282.2	282.1	282.2	282.9	283.0	283.3	283.1	283.0	283.2	282.9
8.5°	281.3	281.7	281.7	281.7	282.5	282.7	282.8	282.7	282.6	282.7	282.4
9°	280.8	281.2	281.2	281.3	282.0	282.1	282.5	282.3	282.3	282.3	281.9
9.5°	280.4	280.7	280.6	280.9	281.6	281.7	282.0	281.8	281.9	282.0	281.7
10°	279.9	280.1	280.1	280.2	281.3	281.2	281.6	281.4	281.4	281.6	281.1
10.5°	279.3	279.4	279.6	279.9	280.4	280.8	281.0	280.9	280.8	281.1	280.6
11°	278.7	279.0	279.0	279.1	279.8	280.2	280.6	280.4	280.4	280.5	279.9
11.5°	278.2	278.2	278.4	278.5	279.4	279.7	280.0	279.8	279.8	279.9	279.6
12°	277.6	277.7	277.9	277.9	278.8	279.1	279.4	279.2	279.2	279.3	278.9
12.5°	276.9	276.9	277.1	277.4	277.9	278.3	278.6	278.7	278.6	278.8	278.3
13°	276.2	276.4	276.5	276.6	277.3	277.8	278.1	278.0	277.9	278.2	277.6
13.5°	275.2	275.7	275.7	276.0	276.8	277.2	277.5	277.5	277.4	277.4	277.0
14°	274.6	274.9	275.0	275.4	276.0	276.4	277.0	276.7	276.5	276.8	276.2
14.5°	274.0	274.0	274.3	274.5	275.2	275.7	276.2	276.0	275.9	276.1	275.6
15°	273.2	273.4	273.5	273.7	274.8	275.1	275.6	275.4	275.1	275.4	274.8
15.5°	272.2	272.5	272.7	272.9	273.7	274.1	274.8	274.7	274.3	274.6	274.1
16°	271.5	271.7	272.0	272.0	272.9	273.7	274.0	274.0	273.7	274.0	273.3
16.5°	270.6	270.7	271.1	271.3	272.0	272.8	273.2	273.2	273.0	273.2	272.6
17°	269.6	269.9	270.2	270.4	271.3	271.9	272.2	272.3	272.1	272.2	271.7
17.5°	268.4	269.1	269.4	269.6	270.4	271.0	271.5	271.5	271.4	271.4	270.8
18°	267.6	268.3	268.5	268.6	269.6	270.2	270.7	270.4	270.4	270.5	269.8
18.5°	266.6	267.2	267.4	267.9	268.6	269.4	269.8	269.7	269.6	269.6	269.1
19°	265.7	266.3	266.4	266.9	267.6	268.5	268.8	268.9	268.5	268.7	268.1
19.5°	264.5	265.2	265.5	266.0	266.8	267.4	267.7	267.7	267.7	267.7	267.2
20°	263.7	264.2	264.5	265.0	265.8	266.6	266.7	266.7	266.8	266.7	266.1
20.5°	262.4	263.2	263.4	264.0	264.7	265.5	265.9	265.8	266.0	265.7	265.3
21°	261.6	262.2	262.4	262.8	263.6	264.6	264.7	264.8	264.8	264.7	264.2

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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°	258.5	258.8	259.1	259.6	260.7	261.4	261.9	261.8	261.6	261.9	261.2
23°	257.2	257.7	258.0	258.3	259.5	260.5	260.7	260.8	260.5	260.8	260.0
23.5°	256.1	256.6	256.8	257.3	258.3	259.1	259.6	259.5	259.4	259.7	258.8
24°	254.9	255.3	255.9	256.1	257.1	257.9	258.5	258.4	258.4	258.5	257.7
24.5°	253.8	254.1	254.5	254.9	256.1	256.8	257.4	257.4	257.2	257.3	256.6
25°	252.5	253.0	253.3	253.6	254.8	255.8	256.1	256.1	256.0	256.2	255.4
25.5°	251.1	251.7	252.1	252.7	253.6	254.5	254.9	254.9	254.8	255.0	254.3
26°	249.8	250.5	251.1	251.4	252.4	253.2	253.5	253.9	253.6	253.6	253.0
26.5°	248.6	249.2	249.7	250.1	251.2	252.0	252.5	252.7	252.4	252.4	251.9
27°	247.5	247.9	248.2	248.9	249.9	250.8	251.3	251.3	251.2	251.3	250.5
27.5°	245.8	246.5	246.7	247.6	248.6	249.4	249.9	250.2	250.0	249.9	249.3
28°	244.7	245.2	245.6	246.1	247.3	248.1	248.6	248.7	248.7	248.7	248.0
28.5°	243.5	243.8	244.2	244.8	246.0	246.7	247.4	247.4	247.5	247.4	246.6
29°	242.1	242.5	242.8	243.3	244.8	245.5	246.0	246.0	246.1	246.0	245.2
29.5°	240.5	241.2	241.4	242.1	243.4	244.0	244.7	244.7	244.8	244.6	244.0
30°	239.2	239.7	240.1	240.5	242.1	242.7	243.2	243.4	243.5	243.4	242.3
30.5°	237.6	238.1	238.6	239.2	240.5	241.3	241.8	242.0	242.0	241.7	240.9
31°	236.3	236.7	237.1	237.6	239.1	240.0	240.4	240.6	240.5	240.4	239.6
31.5°	234.8	235.3	235.5	236.2	237.5	238.4	238.9	239.1	239.1	238.9	238.3
32°	233.2	233.7	234.1	234.7	236.0	236.9	237.4	237.5	237.6	237.5	236.7
32.5°	231.6	232.1	232.6	233.3	234.7	235.5	236.0	236.0	236.1	235.9	235.3
33°	230.1	230.6	231.1	231.8	233.2	234.0	234.6	234.6	234.8	234.4	233.6
33.5°	228.6	229.1	229.5	230.2	231.5	232.2	233.1	233.0	233.1	232.9	232.0
34°	227.1	227.5	227.9	228.6	230.1	230.7	231.4	231.6	231.6	231.3	230.5
34.5°	225.5	226.0	226.3	227.0	228.5	229.2	229.8	230.0	230.1	229.8	229.1
35°	223.8	224.3	224.7	225.3	226.8	227.7	228.3	228.3	228.5	228.3	227.3
35.5°	222.2	222.7	223.1	223.9	225.1	226.2	226.7	226.8	226.9	226.6	225.8
36°	220.5	221.0	221.6	222.3	223.4	224.6	225.1	225.2	225.3	225.0	224.2
36.5°	219.0	219.4	219.9	220.7	222.0	222.8	223.5	223.7	223.8	223.5	222.6
37°	217.4	217.8	218.3	219.0	220.3	221.3	221.9	222.1	222.0	221.7	220.9
37.5°	215.7	216.1	216.7	217.4	218.8	219.8	220.1	220.6	220.4	220.2	219.5
38°	214.0	214.4	214.9	215.5	217.1	218.2	218.5	219.0	218.8	218.6	217.7
38.5°	212.2	212.6	213.3	213.9	215.4	216.4	217.0	217.2	217.2	216.9	216.0
39°	210.4	210.8	211.4	212.2	213.6	214.8	215.2	215.5	215.7	215.0	214.2
39.5°	208.5	208.9	209.5	210.4	212.1	212.9	213.5	213.7	213.9	213.5	212.6
40°	206.9	207.4	207.8	208.5	210.2	211.1	211.7	212.1	212.1	211.6	210.8
40.5°	204.9	205.5	206.0	206.9	208.5	209.4	209.8	210.4	210.3	209.9	209.1
41°	203.2	203.8	204.3	205.0	206.7	207.6	208.1	208.5	208.4	208.2	207.0
41.5°	201.4	201.9	202.5	203.3	204.8	205.8	206.3	206.7	206.6	206.4	205.3
42°	199.5	200.1	200.5	201.4	203.1	203.9	204.7	204.8	204.9	204.5	203.6
42.5°	197.5	198.2	198.7	199.6	201.2	202.0	202.9	203.0	203.1	202.8	201.7
43°	195.7	196.5	196.8	197.8	199.4	200.3	200.9	201.1	201.2	200.9	199.8
43.5°	193.9	194.4	194.9	195.8	197.6	198.4	199.0	199.4	199.4	199.1	198.1

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CATALOG NUMBER: SMX4SLSFS010-800LM-5000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	187.9	188.8	189.2	190.1	191.9	192.8	193.4	193.7	193.6	193.4	192.4
45.5°	186.0	186.8	187.3	188.2	190.1	190.8	191.5	191.8	191.7	191.6	190.7
46°	184.2	184.9	185.4	186.2	188.0	189.0	189.6	189.9	189.7	189.5	188.5
46.5°	182.2	182.8	183.4	184.2	186.1	186.9	187.5	188.0	187.9	187.6	186.7
47°	180.2	180.9	181.3	182.2	184.0	185.0	185.7	186.1	186.0	185.8	184.7
47.5°	178.2	178.7	179.4	180.3	181.9	183.0	183.5	184.1	184.1	183.7	182.7
48°	176.2	176.7	177.4	178.2	179.8	181.0	181.5	182.1	182.2	181.8	180.7
48.5°	174.1	174.7	175.3	176.2	177.8	179.0	179.7	180.0	180.1	179.7	178.8
49°	171.8	172.8	173.2	174.0	175.7	176.9	177.7	178.0	178.0	177.7	176.7
49.5°	169.9	170.6	171.2	172.1	173.6	174.9	175.7	176.0	175.9	175.7	174.7
50°	167.7	168.4	169.1	170.1	171.6	173.1	173.6	174.0	174.0	173.7	172.5
50.5°	165.5	166.3	166.9	167.9	169.6	170.8	171.4	171.9	171.9	171.5	170.5
51°	163.4	164.2	164.8	165.8	167.5	168.8	169.4	169.8	169.8	169.6	168.4
51.5°	161.4	162.0	162.7	163.6	165.5	166.6	167.4	167.6	167.6	167.4	166.2
52°	159.4	160.0	160.7	161.6	163.3	164.4	165.2	165.6	165.7	165.3	164.2
52.5°	157.2	157.8	158.5	159.5	161.0	162.3	163.1	163.4	163.5	163.1	162.0
53°	155.1	155.7	156.3	157.4	158.9	160.3	161.0	161.3	161.4	161.0	159.9
53.5°	153.0	153.6	154.2	155.0	156.9	158.1	158.7	159.1	159.3	158.7	157.9
54°	150.8	151.4	152.0	152.8	154.6	155.9	156.7	156.8	157.0	156.7	155.6
54.5°	148.6	149.1	149.9	150.8	152.7	153.9	154.5	154.7	154.9	154.6	153.6
55°	146.2	146.9	147.6	148.7	150.5	151.8	152.4	152.7	153.0	152.5	151.5
55.5°	144.1	144.6	145.5	146.5	148.4	149.6	150.3	150.5	150.7	150.2	149.4
56°	141.9	142.4	143.2	144.2	146.2	147.3	148.0	148.3	148.4	148.1	147.0
56.5°	139.6	140.1	140.9	141.9	143.8	145.1	145.8	146.2	146.2	145.8	144.8
57°	137.5	137.9	138.6	139.6	141.7	142.7	143.6	143.9	143.9	143.5	142.4
57.5°	135.0	135.6	136.3	137.4	139.5	140.4	141.4	141.6	141.7	141.3	140.2
58°	132.7	133.2	134.0	135.1	137.1	138.3	139.0	139.4	139.5	139.0	138.0
58.5°	130.3	131.0	131.7	132.8	134.8	136.2	136.8	137.3	137.2	136.9	135.8
59°	128.0	128.7	129.4	130.5	132.6	133.6	134.4	135.1	134.7	134.4	133.5
59.5°	125.5	126.3	127.0	128.2	130.0	131.2	132.2	132.7	132.6	132.2	131.1
60°	123.3	124.0	124.8	126.0	127.7	129.0	129.8	130.5	130.3	129.8	128.8
60.5°	121.1	121.5	122.4	123.6	125.3	126.6	127.5	128.3	128.1	127.5	126.5
61°	118.8	119.4	120.2	121.2	123.0	124.4	125.1	125.9	125.7	125.3	124.2
61.5°	116.3	117.0	117.8	118.8	120.7	122.0	122.8	123.6	123.3	122.9	121.7
62°	114.0	114.7	115.4	116.5	118.6	119.8	120.5	121.1	120.9	120.6	119.6
62.5°	111.6	112.1	112.9	114.0	116.2	117.4	118.3	119.0	118.7	118.1	117.2
63°	109.0	109.7	110.5	111.7	113.9	115.1	115.9	116.4	116.3	115.8	114.7
63.5°	106.6	107.3	108.2	109.3	111.4	112.5	113.4	114.1	114.0	113.3	112.4
64°	104.3	104.8	105.7	106.7	109.0	110.2	111.0	111.7	111.5	111.0	109.9
64.5°	101.8	102.4	103.3	104.4	106.7	107.8	108.6	109.3	109.1	108.5	107.6
65°	99.4	100.0	100.8	101.9	104.2	105.4	106.2	106.8	106.7	106.2	105.2
65.5°	96.8	97.5	98.4	99.6	101.7	103.1	103.8	104.4	104.3	103.8	102.8
66°	94.4	95.0	95.9	97.0	99.6	100.6	101.3	102.1	101.8	101.5	100.4

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997165

CATALOG NUMBER: SMX4SLSFS010-800LM-5000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	87.0	87.9	88.5	89.6	92.0	93.4	94.1	94.7	94.6	93.9	92.9
68°	84.5	85.4	86.2	87.4	89.6	90.8	91.7	92.1	92.3	91.6	90.5
68.5°	82.0	82.9	83.7	84.9	87.3	88.4	89.2	89.6	89.7	89.1	88.0
69°	79.6	80.4	81.2	82.4	84.8	86.0	86.9	87.3	87.3	86.8	85.7
69.5°	77.2	77.8	78.7	79.9	82.3	83.4	84.3	84.9	84.8	84.3	83.2
70°	74.7	75.5	76.2	77.3	79.8	81.0	81.7	82.3	82.4	81.9	80.8
70.5°	72.1	72.8	73.8	74.9	77.3	78.6	79.4	79.9	80.0	79.3	78.3
71°	69.7	70.4	71.3	72.3	74.8	76.0	76.8	77.5	77.5	76.8	75.8
71.5°	67.3	67.9	68.6	69.8	72.2	73.6	74.4	74.8	74.9	74.5	73.3
72°	64.7	65.5	66.2	67.3	69.7	71.1	71.8	72.4	72.4	72.0	70.8
72.5°	62.3	62.9	63.7	64.9	67.3	68.7	69.4	69.8	69.8	69.4	68.2
73°	59.7	60.5	61.3	62.3	64.7	66.1	66.9	67.4	67.4	66.9	65.7
73.5°	57.3	58.0	58.8	59.8	62.3	63.7	64.3	64.8	65.0	64.4	63.2
74°	54.8	55.5	56.3	57.4	59.8	61.1	61.8	62.4	62.5	61.9	60.8
74.5°	52.4	53.2	54.1	55.1	57.4	58.8	59.4	59.9	59.9	59.4	58.4
75°	50.0	50.6	51.4	52.4	54.8	56.2	56.9	57.5	57.5	56.9	55.9
75.5°	47.6	48.2	49.0	50.0	52.5	54.0	54.5	54.9	55.1	54.6	53.5
76°	45.2	45.8	46.5	47.6	50.1	51.4	52.1	52.6	52.7	52.2	51.1
76.5°	42.7	43.3	44.1	45.1	47.7	49.0	49.6	50.1	50.1	49.8	48.6
77°	40.4	41.0	41.8	42.7	45.3	46.5	47.2	47.6	47.7	47.3	46.2
77.5°	38.2	38.6	39.4	40.4	43.0	44.1	44.8	45.3	45.2	44.8	43.9
78°	35.8	36.2	37.1	38.1	40.5	41.7	42.5	42.9	42.9	42.4	41.5
78.5°	33.5	33.9	34.9	35.7	38.1	39.3	40.0	40.5	40.6	40.2	39.1
79°	31.1	31.7	32.4	33.5	35.8	37.0	37.7	38.1	38.1	37.8	36.8
79.5°	29.0	29.5	30.2	31.2	33.6	34.8	35.3	35.8	35.8	35.4	34.4
80°	26.7	27.2	27.9	28.9	31.2	32.4	33.0	33.5	33.6	33.1	32.1
80.5°	24.6	25.0	25.8	26.6	29.1	30.2	30.8	31.2	31.3	30.9	30.0
81°	22.5	22.9	23.8	24.6	26.8	28.0	28.6	29.0	29.2	28.7	27.8
81.5°	20.7	21.0	21.9	22.5	24.7	25.8	26.4	26.7	26.8	26.5	25.6
82°	18.6	19.0	19.8	20.7	22.6	23.6	24.2	24.7	24.6	24.2	23.4
82.5°	16.7	17.1	17.9	18.7	20.8	21.6	22.1	22.5	22.6	22.3	21.4
83°	14.8	15.3	16.0	16.8	18.8	19.7	20.3	20.7	20.7	20.3	19.6
83.5°	13.0	13.4	14.1	14.9	16.8	17.8	18.3	18.6	18.7	18.3	17.6
84°	11.4	11.8	12.5	13.2	14.9	15.8	16.3	16.7	16.8	16.5	15.6
84.5°	9.8	10.0	10.8	11.5	13.1	14.0	14.5	14.8	14.9	14.6	13.8
85°	8.2	8.5	9.2	9.8	11.4	12.2	12.7	13.0	13.0	12.7	12.2
85.5°	6.8	7.2	7.8	8.4	9.8	10.6	11.0	11.3	11.4	11.0	10.4
86°	5.5	5.9	6.5	7.0	8.3	9.0	9.4	9.7	9.7	9.4	8.8
86.5°	4.3	4.7	5.4	5.7	6.7	7.4	7.8	8.1	8.1	7.9	7.4
87°	3.3	3.6	4.1	4.5	5.4	6.0	6.4	6.7	6.7	6.5	6.0
87.5°	2.4	2.8	3.2	3.5	4.4	4.8	5.1	5.3	5.4	5.2	4.7
88°	1.7	2.0	2.4	2.6	3.1	3.7	3.9	4.2	4.2	4.0	3.6
88.5°	1.2	1.3	1.6	1.8	2.2	2.6	2.9	3.0	3.0	2.9	2.6

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

Scaled Data Report



TEST NUMBER: P997165
CATALOG NUMBER: SMX4SLSFS010-800LM-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: P997165

CATALOG NUMBER: SMX4SLSFS010-800LM-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	285.8	285.8	285.8	285.8	285.8	285.8
0.5°	285.7	286.0	285.7	285.8	285.8	285.6
1°	285.6	285.7	285.7	285.9	285.6	285.6
1.5°	285.3	285.8	285.6	285.7	285.5	285.3
2°	285.4	285.7	285.5	285.7	285.3	285.2
2.5°	285.3	285.6	285.5	285.6	285.2	285.0
3°	285.3	285.6	285.5	285.3	285.1	285.0
3.5°	285.3	285.4	285.1	285.1	284.8	284.9
4°	285.0	285.0	285.0	284.9	284.6	284.7
4.5°	284.8	285.0	284.7	284.4	284.2	284.4
5°	284.6	284.6	284.5	284.4	283.8	284.0
5.5°	284.4	284.2	284.1	284.0	283.7	283.7
6°	284.0	283.7	283.7	283.7	283.4	283.3
6.5°	283.6	283.5	283.4	283.4	283.0	282.9
7°	283.4	283.2	282.9	283.0	282.8	282.7
7.5°	282.8	282.9	282.5	282.5	282.2	282.2
8°	282.4	282.6	282.1	282.2	281.8	281.8
8.5°	282.0	282.1	281.6	281.7	281.3	281.3
9°	281.6	281.5	281.2	281.1	280.8	280.8
9.5°	281.2	281.1	280.7	280.7	280.4	280.4
10°	280.8	280.7	280.2	280.2	279.6	279.9
10.5°	280.2	280.2	279.5	279.6	278.9	279.3
11°	279.7	279.6	279.0	279.0	278.4	278.7
11.5°	279.3	279.0	278.4	278.4	277.7	278.2
12°	278.6	278.5	277.9	277.8	277.2	277.6
12.5°	277.9	277.8	277.4	277.0	276.6	276.9
13°	277.3	277.2	276.6	276.4	276.1	276.2
13.5°	276.6	276.4	275.7	275.7	275.3	275.2
14°	275.8	275.8	275.1	274.9	274.6	274.6
14.5°	275.2	275.0	274.4	274.2	274.0	274.0
15°	274.4	274.0	273.5	273.6	273.2	273.2
15.5°	273.6	273.4	272.8	272.6	272.2	272.2
16°	272.9	272.6	271.8	271.8	271.3	271.5
16.5°	272.2	271.7	271.1	270.9	270.4	270.6
17°	271.3	270.8	270.3	270.0	269.6	269.6
17.5°	270.4	269.9	269.2	269.2	268.6	268.4
18°	269.6	269.0	268.3	268.2	267.9	267.6
18.5°	268.8	268.2	267.5	267.3	266.8	266.6
19°	267.8	267.3	266.6	266.3	265.8	265.7
19.5°	266.7	266.2	265.5	265.3	264.9	264.5
20°	265.8	265.3	264.6	264.1	263.9	263.7
20.5°	264.7	264.2	263.7	263.0	262.8	262.4
21°	263.6	263.0	262.5	262.2	261.9	261.6

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997165

CATALOG NUMBER: SMX4SLSFS010-800LM-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	260.6	259.7	259.3	258.8	258.3	258.5
23°	259.5	258.6	258.2	257.7	257.2	257.2
23.5°	258.3	257.6	257.1	256.3	255.9	256.1
24°	257.2	256.4	255.9	255.4	254.8	254.9
24.5°	256.0	255.0	254.7	254.1	253.7	253.8
25°	254.7	254.0	253.2	253.0	252.7	252.5
25.5°	253.6	252.8	252.2	251.8	251.3	251.1
26°	252.4	251.7	251.0	250.6	250.0	249.8
26.5°	251.1	250.4	249.6	249.2	248.7	248.6
27°	249.7	249.2	248.2	248.0	247.5	247.5
27.5°	248.6	247.8	247.0	246.7	246.1	245.8
28°	247.2	246.4	245.6	245.3	244.6	244.7
28.5°	245.9	245.0	244.3	243.8	243.2	243.5
29°	244.5	243.6	242.9	242.5	241.8	242.1
29.5°	243.2	242.3	241.5	241.1	240.4	240.5
30°	241.7	240.9	240.3	239.7	238.9	239.2
30.5°	240.2	239.4	238.8	238.3	237.5	237.6
31°	238.8	238.0	237.2	236.6	236.1	236.3
31.5°	237.4	236.5	235.9	235.3	234.4	234.8
32°	236.0	235.0	234.1	233.8	233.1	233.2
32.5°	234.5	233.5	232.7	232.1	231.5	231.6
33°	233.0	232.0	231.5	230.7	230.0	230.1
33.5°	231.5	230.5	229.8	229.0	228.5	228.6
34°	229.8	228.9	228.2	227.6	227.0	227.1
34.5°	228.3	227.3	226.6	225.9	225.2	225.5
35°	226.7	225.7	224.9	224.2	223.7	223.8
35.5°	225.2	224.1	223.4	222.6	221.9	222.2
36°	223.5	222.5	221.6	220.9	220.4	220.5
36.5°	221.8	220.8	219.9	219.2	218.9	219.0
37°	220.2	219.3	218.5	217.7	217.0	217.4
37.5°	218.6	217.5	216.9	216.1	215.4	215.7
38°	217.0	215.9	214.9	214.3	213.7	214.0
38.5°	215.3	214.2	213.4	212.6	211.9	212.2
39°	213.5	212.3	211.4	210.8	210.3	210.4
39.5°	211.8	210.7	209.7	208.9	208.5	208.5
40°	210.0	209.1	207.8	207.4	206.7	206.9
40.5°	208.2	207.3	206.0	205.4	204.8	204.9
41°	206.3	205.4	204.2	203.8	203.1	203.2
41.5°	204.6	203.6	202.4	201.8	201.2	201.4
42°	202.9	201.8	200.7	199.8	199.3	199.5
42.5°	201.0	199.8	198.7	198.2	197.5	197.5
43°	199.1	198.0	196.8	196.1	195.6	195.7
43.5°	197.2	196.1	194.9	194.1	193.7	193.9

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997165

CATALOG NUMBER: SMX4SLSFS010-800LM-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	191.6	190.2	189.1	188.6	187.9	187.9
45.5°	189.6	188.3	187.3	186.7	186.0	186.0
46°	187.5	186.4	185.4	184.6	184.1	184.2
46.5°	185.7	184.3	183.3	182.7	182.2	182.2
47°	183.7	182.5	181.4	180.7	180.1	180.2
47.5°	181.7	180.6	179.4	178.6	178.1	178.2
48°	179.8	178.5	177.4	176.5	176.0	176.2
48.5°	177.7	176.5	175.3	174.5	173.9	174.1
49°	175.8	174.4	173.3	172.4	172.0	171.8
49.5°	173.6	172.4	171.3	170.4	169.9	169.9
50°	171.6	170.3	169.1	168.2	167.8	167.7
50.5°	169.6	168.2	167.0	166.1	165.7	165.5
51°	167.3	166.0	164.8	164.0	163.6	163.4
51.5°	165.3	164.1	162.7	162.1	161.4	161.4
52°	163.2	162.1	160.5	159.7	159.4	159.4
52.5°	161.1	159.8	158.4	157.8	157.1	157.2
53°	158.9	157.7	156.1	155.6	154.9	155.1
53.5°	156.8	155.3	154.0	153.4	152.9	153.0
54°	154.7	153.3	151.8	151.3	150.7	150.8
54.5°	152.6	151.2	149.9	149.1	148.5	148.6
55°	150.5	149.1	147.6	146.8	146.2	146.2
55.5°	148.2	146.5	145.4	144.7	144.1	144.1
56°	146.1	144.4	143.1	142.3	141.8	141.9
56.5°	143.7	142.1	140.9	140.1	139.8	139.6
57°	141.6	139.9	138.5	137.7	137.3	137.5
57.5°	139.3	137.6	136.3	135.5	135.1	135.0
58°	137.2	135.4	134.0	133.3	132.9	132.7
58.5°	134.8	132.9	131.7	130.9	130.4	130.3
59°	132.6	130.7	129.4	128.6	128.1	128.0
59.5°	130.2	128.3	126.9	126.1	125.6	125.5
60°	127.9	126.0	124.6	124.0	123.4	123.3
60.5°	125.6	123.5	122.3	121.4	120.9	121.1
61°	123.4	121.3	120.0	119.3	118.8	118.8
61.5°	121.0	118.8	117.6	117.0	116.4	116.3
62°	118.7	116.4	115.2	114.6	113.8	114.0
62.5°	116.4	113.9	112.7	112.1	111.5	111.6
63°	114.1	111.7	110.3	109.7	109.0	109.0
63.5°	111.6	109.1	107.9	107.1	106.7	106.6
64°	109.2	106.8	105.6	104.8	104.2	104.3
64.5°	106.8	104.4	103.2	102.4	101.8	101.8
65°	104.3	102.0	100.7	100.0	99.4	99.4
65.5°	101.8	99.3	98.2	97.4	96.9	96.8
66°	99.3	97.1	95.7	94.9	94.6	94.4

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997165

CATALOG NUMBER: SMX4SLSFS010-800LM-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	92.0	89.6	88.3	87.7	87.3	87.0
68°	89.4	87.3	85.9	85.2	84.7	84.5
68.5°	87.1	84.8	83.5	82.6	82.2	82.0
69°	84.6	82.3	81.0	80.2	79.9	79.6
69.5°	82.2	79.7	78.5	77.7	77.3	77.2
70°	79.6	77.3	76.1	75.3	74.8	74.7
70.5°	77.2	74.8	73.6	72.7	72.2	72.1
71°	74.8	72.5	71.1	70.3	69.7	69.7
71.5°	72.2	69.8	68.6	67.8	67.1	67.3
72°	69.7	67.4	66.1	65.3	64.8	64.7
72.5°	67.2	64.8	63.7	62.7	62.2	62.3
73°	64.8	62.3	61.1	60.3	59.7	59.7
73.5°	62.2	59.8	58.7	57.8	57.2	57.3
74°	59.7	57.5	56.2	55.4	54.9	54.8
74.5°	57.3	55.0	53.8	53.1	52.2	52.4
75°	54.9	52.4	51.4	50.4	50.1	50.0
75.5°	52.5	50.1	48.9	48.0	47.4	47.6
76°	50.1	47.7	46.4	45.6	45.2	45.2
76.5°	47.6	45.2	44.0	43.2	42.8	42.7
77°	45.2	42.8	41.6	40.8	40.3	40.4
77.5°	42.8	40.4	39.3	38.5	38.0	38.2
78°	40.4	38.2	36.9	36.1	35.6	35.8
78.5°	37.9	35.9	34.6	33.9	33.2	33.5
79°	35.8	33.6	32.3	31.5	31.0	31.1
79.5°	33.6	31.3	30.0	29.3	28.9	29.0
80°	31.3	29.0	27.8	27.1	26.6	26.7
80.5°	29.0	26.8	25.8	25.0	24.6	24.6
81°	26.7	24.7	23.6	22.8	22.4	22.5
81.5°	24.7	22.6	21.7	21.0	20.6	20.7
82°	22.6	20.8	19.7	19.0	18.5	18.6
82.5°	20.7	18.8	17.7	17.1	16.6	16.7
83°	18.8	16.9	15.8	15.2	14.9	14.8
83.5°	16.8	15.0	14.0	13.5	13.0	13.0
84°	14.9	13.2	12.3	11.7	11.4	11.4
84.5°	13.1	11.5	10.6	10.1	9.7	9.8
85°	11.4	9.8	9.1	8.6	8.3	8.2
85.5°	9.8	8.4	7.5	7.2	6.8	6.8
86°	8.3	6.9	6.3	5.9	5.5	5.5
86.5°	6.8	5.6	5.1	4.6	4.4	4.3
87°	5.5	4.5	3.9	3.5	3.3	3.3
87.5°	4.3	3.5	2.9	2.6	2.5	2.4
88°	3.1	2.6	2.2	1.8	1.7	1.7
88.5°	2.2	1.9	1.4	1.2	1.1	1.2

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Scaled Data Report



TEST NUMBER: P997165
CATALOG NUMBER: SMX4SLSFS010-800LM-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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Report Generated By 670245859 / DESKTOP-T8S5UU9

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

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21.5°	260.3	261.1	261.3	261.6	262.8	263.5	263.7	264.0	263.8	263.6	263.2
22°	259.7	260.0	260.2	260.7	261.8	262.7	262.6	262.9	262.7	262.9	262.2



44°	191.9	192.6	193.0	193.8	195.6	196.6	197.1	197.5	197.5	197.1	196.1
44.5°	190.0	190.7	191.1	191.9	193.9	194.7	195.2	195.6	195.5	195.3	194.3

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66.5°	91.9	92.6	93.4	94.5	96.9	98.1	98.9	99.6	99.5	98.8	97.9
67°	89.3	90.2	91.0	92.0	94.5	95.8	96.5	97.1	97.0	96.4	95.5

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89°	0.6	0.8	1.1	1.2	1.5	1.7	1.9	2.1	2.1	2.0	1.7
89.5°	0.3	0.4	0.7	0.8	0.7	1.0	1.2	1.4	1.3	1.3	1.0

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21.5°	262.6	261.9	261.3	261.3	260.5	260.3
22°	261.6	261.0	260.3	260.0	259.3	259.7

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44°	195.3	194.1	193.0	192.3	192.0	191.9
44.5°	193.4	192.2	191.0	190.5	189.8	190.0

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66.5°	96.9	94.4	93.2	92.3	92.1	91.9
67°	94.5	92.1	90.9	90.0	89.7	89.3

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89°	1.5	1.3	1.0	0.8	0.6	0.6
89.5°	0.7	0.8	0.5	0.5	0.3	0.3

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(END OF REPORT)