

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: P997146

Luminaire Tested: **SMX4RLSFS010-800LM-2700K**

Issue Date: 3/11/2025



Test Information

Test Method: LM-41-14
Report Number: P997146
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (A2410580A001)
Test Lab:
Issue Date: 3/11/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: HALO
Catalog Number: SMX4RLSFS010-800LM-2700K
Description: 4IN ROUND, 90CRI, 0-10V DIMMING, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 2700K CCT
Ballast/Driver: -

Summary

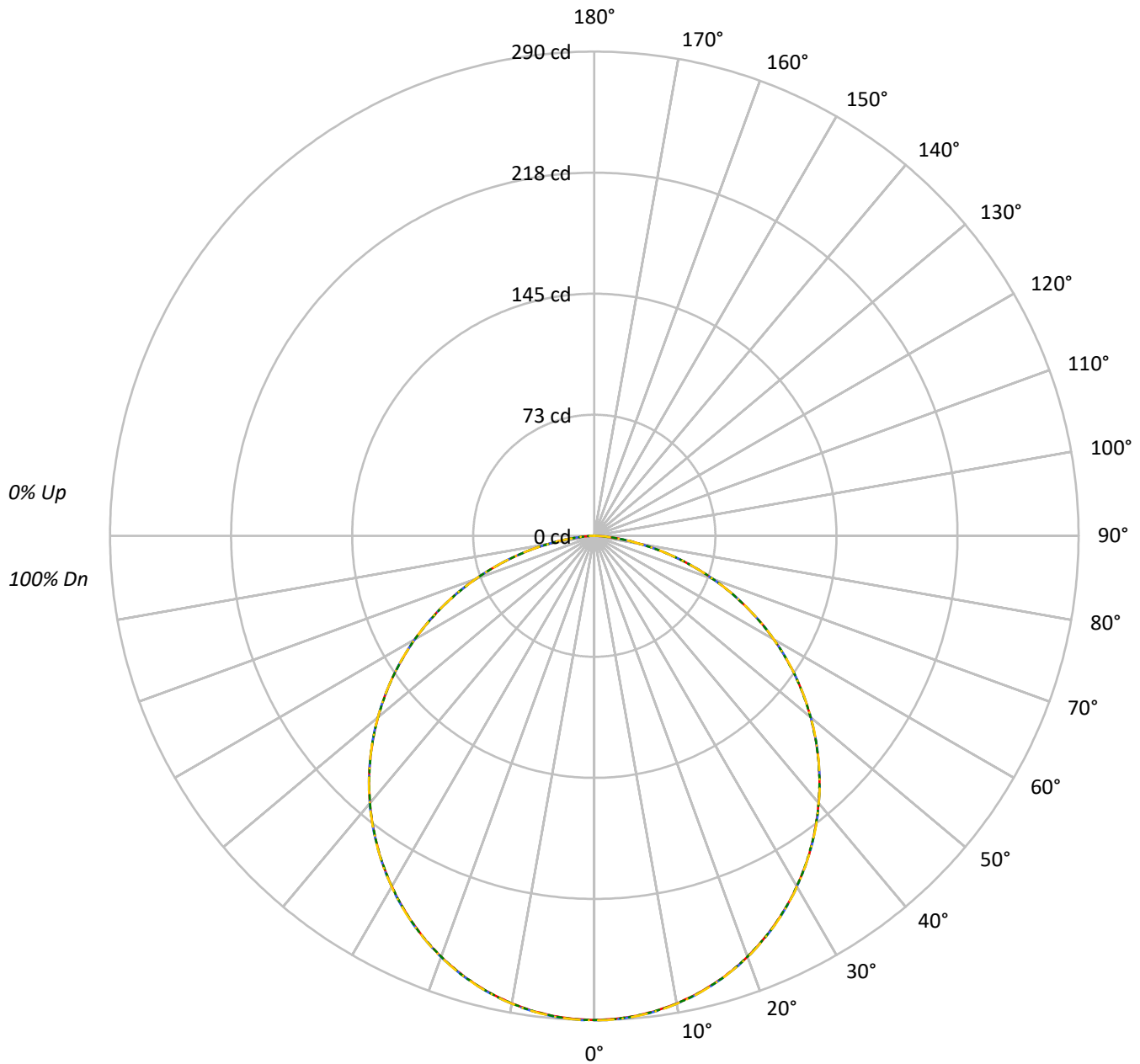
Lumens per Lamp: N/A
Luminaire Lumens: 808.3 lumens
Efficiency: N/A
Efficacy: 97.4 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.24 / 1.36
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

Input Watts (W): 8.3
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Luminous Intensity Polar Plot



Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	109	104	100	96	106	102	98	95	98	95	92	94	91	89	90	88	86	84		
2	99	91	84	78	96	89	83	77	85	80	76	82	78	74	79	75	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	39	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	31	26	24		

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	36509	36509	36509	36509
5°	36459	36472	36459	36472
10°	36344	36357	36344	36357
15°	36168	36181	36168	36181
20°	35919	35919	35919	35919
25°	35604	35618	35604	35618
30°	35240	35240	35240	35240
35°	34814	34829	34814	34829
40°	34336	34336	34336	34336
45°	33763	33763	33763	33763
50°	33127	33108	33127	33108
55°	32298	32298	32298	32298
60°	31236	31236	31236	31236
65°	29808	29808	29808	29808
70°	27781	27781	27781	27781
75°	24799	24750	24799	24750
80°	20075	20075	20075	20075
85°	12707	13284	12707	13284



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.4	3.4
10°-20°	78.3	9.7
20°-30°	118.2	14.6
30°-40°	141.8	17.5
40°-50°	146.4	18.1
50°-60°	131.5	16.3
60°-70°	99.0	12.2
70°-80°	53.9	6.7
80°-90°	11.7	1.5
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°	224.0	27.7
0°-40°	365.8	45.3
0°-60°	643.6	79.6
0°-90°	808.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	808.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	290	290	290	290	290	
5°	289	289	289	289	289	27
15°	278	278	278	278	278	78
25°	256	256	256	256	256	118
35°	227	227	227	227	227	142
45°	190	190	190	190	190	146
55°	147	147	147	147	147	131
65°	100	100	100	100	100	99
75°	51	51	51	51	51	54
85°	9	9	9	9	9	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°	290.1	290.1	290.1	290.1	290.1	290.1	290.1	290.1	290.1	290.1	290.1
0.5°	290.0	289.9	290.3	290.2	290.0	290.2	290.3	289.9	290.0	289.9	290.3
1°	289.8	289.9	290.2	290.2	290.1	290.2	290.2	289.9	289.8	289.9	290.2
1.5°	289.8	289.8	290.2	290.1	290.0	290.1	290.2	289.8	289.8	289.8	290.2
2°	289.6	289.6	290.0	290.0	289.8	290.0	290.0	289.6	289.6	289.6	290.0
2.5°	289.6	289.6	289.9	289.8	289.7	289.8	289.9	289.6	289.6	289.6	289.9
3°	289.4	289.4	289.7	289.7	289.6	289.7	289.7	289.4	289.4	289.4	289.7
3.5°	289.2	289.2	289.5	289.5	289.3	289.5	289.5	289.2	289.2	289.2	289.5
4°	289.1	289.0	289.3	289.4	289.2	289.4	289.3	289.0	289.1	289.0	289.3
4.5°	288.8	288.8	289.2	289.1	288.9	289.1	289.2	288.8	288.8	288.8	289.2
5°	288.6	288.5	288.8	288.8	288.7	288.8	288.8	288.5	288.6	288.5	288.8
5.5°	288.3	288.2	288.6	288.5	288.3	288.5	288.6	288.2	288.3	288.2	288.6
6°	287.9	287.9	288.2	288.2	288.0	288.2	288.2	287.9	287.9	287.9	288.2
6.5°	287.5	287.6	287.9	287.9	287.6	287.9	287.9	287.6	287.5	287.6	287.9
7°	287.2	287.1	287.5	287.5	287.4	287.5	287.5	287.1	287.2	287.1	287.5
7.5°	286.9	286.8	287.1	287.1	286.8	287.1	287.1	286.8	286.9	286.8	287.1
8°	286.3	286.4	286.6	286.7	286.5	286.7	286.6	286.4	286.3	286.4	286.6
8.5°	285.9	285.9	286.2	286.2	286.0	286.2	286.2	285.9	285.9	285.9	286.2
9°	285.5	285.4	285.7	285.7	285.5	285.7	285.7	285.4	285.5	285.4	285.7
9.5°	284.9	284.9	285.2	285.2	285.0	285.2	285.2	284.9	284.9	284.9	285.2
10°	284.4	284.3	284.6	284.7	284.5	284.7	284.6	284.3	284.4	284.3	284.6
10.5°	283.9	283.8	284.1	284.1	283.8	284.1	284.1	283.8	283.9	283.8	284.1
11°	283.1	283.2	283.5	283.5	283.4	283.5	283.5	283.2	283.1	283.2	283.5
11.5°	282.6	282.6	282.9	282.8	282.7	282.8	282.9	282.6	282.6	282.6	282.9
12°	282.0	281.9	282.2	282.2	282.1	282.2	282.2	281.9	282.0	281.9	282.2
12.5°	281.3	281.2	281.6	281.6	281.3	281.6	281.6	281.2	281.3	281.2	281.6
13°	280.6	280.6	280.9	280.8	280.7	280.8	280.9	280.6	280.6	280.6	280.9
13.5°	279.9	279.8	280.2	280.1	280.0	280.1	280.2	279.8	279.9	279.8	280.2
14°	279.1	279.1	279.4	279.4	279.3	279.4	279.4	279.1	279.1	279.1	279.4
14.5°	278.4	278.3	278.7	278.6	278.4	278.6	278.7	278.3	278.4	278.3	278.7
15°	277.6	277.5	277.8	277.8	277.7	277.8	277.8	277.5	277.6	277.5	277.8
15.5°	276.7	276.7	277.0	277.0	276.7	277.0	277.0	276.7	276.7	276.7	277.0
16°	275.9	275.9	276.2	276.1	276.1	276.1	276.2	275.9	275.9	275.9	276.2
16.5°	275.1	275.0	275.3	275.2	275.1	275.2	275.3	275.0	275.1	275.0	275.3
17°	274.1	274.1	274.3	274.3	274.3	274.3	274.3	274.1	274.1	274.1	274.3
17.5°	273.2	273.1	273.5	273.4	273.3	273.4	273.5	273.1	273.2	273.1	273.5
18°	272.2	272.2	272.5	272.4	272.4	272.4	272.5	272.2	272.2	272.2	272.5
18.5°	271.4	271.2	271.6	271.5	271.2	271.5	271.6	271.2	271.4	271.2	271.6
19°	270.3	270.2	270.5	270.5	270.4	270.5	270.5	270.2	270.3	270.2	270.5
19.5°	269.3	269.2	269.6	269.5	269.2	269.5	269.6	269.2	269.3	269.2	269.6
20°	268.2	268.1	268.4	268.3	268.2	268.3	268.4	268.1	268.2	268.1	268.4
20.5°	267.2	267.1	267.5	267.4	267.1	267.4	267.5	267.1	267.2	267.1	267.5
21°	266.0	266.0	266.3	266.2	266.1	266.2	266.3	266.0	266.0	266.0	266.3

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CATALOG NUMBER: SMX4RLSFS010-800LM-2700K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
22.5°	262.7	262.5	262.9	262.8	262.5	262.8	262.9	262.5	262.7	262.5	262.9
23°	261.4	261.4	261.7	261.6	261.5	261.6	261.7	261.4	261.4	261.4	261.7
23.5°	260.3	260.1	260.5	260.4	260.2	260.4	260.5	260.1	260.3	260.1	260.5
24°	258.9	258.9	259.2	259.2	259.1	259.2	259.2	258.9	258.9	258.9	259.2
24.5°	257.7	257.6	258.0	257.9	257.7	257.9	258.0	257.6	257.7	257.6	258.0
25°	256.4	256.4	256.7	256.6	256.5	256.6	256.7	256.4	256.4	256.4	256.7
25.5°	255.2	255.1	255.4	255.3	255.2	255.3	255.4	255.1	255.2	255.1	255.4
26°	253.9	253.8	254.1	254.0	253.9	254.0	254.1	253.8	253.9	253.8	254.1
26.5°	252.5	252.4	252.8	252.7	252.4	252.7	252.8	252.4	252.5	252.4	252.8
27°	251.1	251.1	251.3	251.3	251.2	251.3	251.3	251.1	251.1	251.1	251.3
27.5°	249.8	249.6	250.0	249.9	249.7	249.9	250.0	249.6	249.8	249.6	250.0
28°	248.4	248.3	248.5	248.5	248.4	248.5	248.5	248.3	248.4	248.3	248.5
28.5°	247.0	246.8	247.2	247.1	246.9	247.1	247.2	246.8	247.0	246.8	247.2
29°	245.5	245.4	245.7	245.6	245.5	245.6	245.7	245.4	245.5	245.4	245.7
29.5°	244.0	243.9	244.3	244.2	243.9	244.2	244.3	243.9	244.0	243.9	244.3
30°	242.5	242.5	242.7	242.7	242.5	242.7	242.7	242.5	242.5	242.5	242.7
30.5°	241.0	240.9	241.2	241.2	241.0	241.2	241.2	240.9	241.0	240.9	241.2
31°	239.5	239.5	239.7	239.7	239.5	239.7	239.7	239.5	239.5	239.5	239.7
31.5°	238.0	237.9	238.2	238.1	237.9	238.1	238.2	237.9	238.0	237.9	238.2
32°	236.3	236.3	236.6	236.5	236.4	236.5	236.6	236.3	236.3	236.3	236.6
32.5°	234.9	234.7	235.1	235.0	234.7	235.0	235.1	234.7	234.9	234.7	235.1
33°	233.2	233.2	233.4	233.3	233.2	233.3	233.4	233.2	233.2	233.2	233.4
33.5°	231.6	231.5	231.8	231.7	231.5	231.7	231.8	231.5	231.6	231.5	231.8
34°	230.0	229.9	230.2	230.1	230.0	230.1	230.2	229.9	230.0	229.9	230.2
34.5°	228.4	228.2	228.5	228.4	228.2	228.4	228.5	228.2	228.4	228.2	228.5
35°	226.6	226.6	226.8	226.7	226.7	226.7	226.8	226.6	226.6	226.6	226.8
35.5°	225.0	224.9	225.2	225.1	224.9	225.1	225.2	224.9	225.0	224.9	225.2
36°	223.2	223.2	223.4	223.4	223.2	223.4	223.4	223.2	223.2	223.2	223.4
36.5°	221.5	221.4	221.8	221.6	221.5	221.6	221.8	221.4	221.5	221.4	221.8
37°	219.8	219.7	220.0	219.9	219.8	219.9	220.0	219.7	219.8	219.7	220.0
37.5°	218.1	218.0	218.2	218.2	218.0	218.2	218.2	218.0	218.1	218.0	218.2
38°	216.2	216.1	216.4	216.3	216.2	216.3	216.4	216.1	216.2	216.1	216.4
38.5°	214.5	214.3	214.7	214.6	214.4	214.6	214.7	214.3	214.5	214.3	214.7
39°	212.7	212.6	212.8	212.8	212.7	212.8	212.8	212.6	212.7	212.6	212.8
39.5°	210.8	210.8	211.1	211.0	210.8	211.0	211.1	210.8	210.8	210.8	211.1
40°	209.0	208.9	209.1	209.1	209.0	209.1	209.1	208.9	209.0	208.9	209.1
40.5°	207.2	207.0	207.4	207.3	207.0	207.3	207.4	207.0	207.2	207.0	207.4
41°	205.2	205.2	205.4	205.4	205.2	205.4	205.4	205.2	205.2	205.2	205.4
41.5°	203.4	203.3	203.6	203.5	203.3	203.5	203.6	203.3	203.4	203.3	203.6
42°	201.5	201.4	201.7	201.6	201.5	201.6	201.7	201.4	201.5	201.4	201.7
42.5°	199.6	199.5	199.8	199.7	199.5	199.7	199.8	199.5	199.6	199.5	199.8
43°	197.7	197.6	197.8	197.8	197.6	197.8	197.8	197.6	197.7	197.6	197.8
43.5°	195.7	195.6	195.9	195.8	195.5	195.8	195.9	195.6	195.7	195.6	195.9

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	189.7	189.7	189.9	189.8	189.7	189.8	189.9	189.7	189.7	189.7	189.9
45.5°	187.8	187.7	187.9	187.9	187.6	187.9	187.9	187.7	187.8	187.7	187.9
46°	185.7	185.7	185.9	185.8	185.7	185.8	185.9	185.7	185.7	185.7	185.9
46.5°	183.7	183.6	183.9	183.8	183.6	183.8	183.9	183.6	183.7	183.6	183.9
47°	181.6	181.6	181.8	181.7	181.6	181.7	181.8	181.6	181.6	181.6	181.8
47.5°	179.6	179.5	179.8	179.7	179.5	179.7	179.8	179.5	179.6	179.5	179.8
48°	177.5	177.5	177.7	177.6	177.4	177.6	177.7	177.5	177.5	177.5	177.7
48.5°	175.5	175.4	175.6	175.5	175.3	175.5	175.6	175.4	175.5	175.4	175.6
49°	173.4	173.3	173.5	173.4	173.3	173.4	173.5	173.3	173.4	173.3	173.5
49.5°	171.2	171.2	171.4	171.3	171.1	171.3	171.4	171.2	171.2	171.2	171.4
50°	169.2	169.0	169.3	169.2	169.1	169.2	169.3	169.0	169.2	169.0	169.3
50.5°	167.0	166.9	167.1	167.1	166.8	167.1	167.1	166.9	167.0	166.9	167.1
51°	164.8	164.8	164.9	164.8	164.8	164.8	164.9	164.8	164.8	164.8	164.9
51.5°	162.7	162.6	162.8	162.7	162.6	162.7	162.8	162.6	162.7	162.6	162.8
52°	160.5	160.5	160.6	160.6	160.5	160.6	160.6	160.5	160.5	160.5	160.6
52.5°	158.3	158.3	158.5	158.4	158.2	158.4	158.5	158.3	158.3	158.3	158.5
53°	156.1	156.1	156.2	156.2	156.1	156.2	156.2	156.1	156.1	156.1	156.2
53.5°	153.9	153.9	154.0	154.0	153.8	154.0	154.0	153.9	153.9	153.9	154.0
54°	151.7	151.6	151.8	151.7	151.7	151.7	151.8	151.6	151.7	151.6	151.8
54.5°	149.5	149.4	149.6	149.5	149.3	149.5	149.6	149.4	149.5	149.4	149.6
55°	147.2	147.2	147.3	147.3	147.2	147.3	147.3	147.2	147.2	147.2	147.3
55.5°	145.0	144.9	145.1	145.0	144.9	145.0	145.1	144.9	145.0	144.9	145.1
56°	142.7	142.6	142.8	142.7	142.6	142.7	142.8	142.6	142.7	142.6	142.8
56.5°	140.4	140.4	140.6	140.4	140.3	140.4	140.6	140.4	140.4	140.4	140.6
57°	138.1	138.0	138.2	138.1	138.1	138.1	138.2	138.0	138.1	138.0	138.2
57.5°	135.8	135.7	135.9	135.8	135.7	135.8	135.9	135.7	135.8	135.7	135.9
58°	133.5	133.5	133.6	133.5	133.5	133.5	133.6	133.5	133.5	133.5	133.6
58.5°	131.2	131.2	131.3	131.2	131.1	131.2	131.3	131.2	131.2	131.2	131.3
59°	128.8	128.8	128.9	128.9	128.8	128.9	128.9	128.8	128.8	128.8	128.9
59.5°	126.5	126.5	126.6	126.5	126.4	126.5	126.6	126.5	126.5	126.5	126.6
60°	124.1	124.1	124.2	124.2	124.1	124.2	124.2	124.1	124.1	124.1	124.2
60.5°	121.8	121.8	121.9	121.8	121.7	121.8	121.9	121.8	121.8	121.8	121.9
61°	119.4	119.4	119.5	119.4	119.4	119.4	119.5	119.4	119.4	119.4	119.5
61.5°	117.1	117.0	117.2	117.1	116.9	117.1	117.2	117.0	117.1	117.0	117.2
62°	114.6	114.6	114.7	114.7	114.6	114.7	114.7	114.6	114.6	114.6	114.7
62.5°	112.3	112.2	112.3	112.3	112.2	112.3	112.3	112.2	112.3	112.2	112.3
63°	109.8	109.8	109.9	109.9	109.8	109.9	109.9	109.8	109.8	109.8	109.9
63.5°	107.4	107.4	107.5	107.5	107.3	107.5	107.5	107.4	107.4	107.4	107.5
64°	105.0	105.0	105.0	105.0	104.9	105.0	105.0	105.0	105.0	105.0	105.0
64.5°	102.6	102.5	102.7	102.6	102.5	102.6	102.7	102.5	102.6	102.5	102.7
65°	100.1	100.1	100.2	100.2	100.1	100.2	100.2	100.1	100.1	100.1	100.2
65.5°	97.7	97.7	97.8	97.7	97.6	97.7	97.8	97.7	97.7	97.7	97.8
66°	95.2	95.2	95.3	95.3	95.2	95.3	95.3	95.2	95.2	95.2	95.3

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997146

CATALOG NUMBER: SMX4RLSFS010-800LM-2700K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	87.9	87.9	88.0	87.9	87.8	87.9	88.0	87.9	87.9	87.9	88.0
68°	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
68.5°	83.0	82.9	83.0	83.0	82.8	83.0	83.0	82.9	83.0	82.9	83.0
69°	80.4	80.5	80.5	80.5	80.4	80.5	80.5	80.5	80.4	80.5	80.5
69.5°	78.0	78.0	78.0	78.0	77.9	78.0	78.0	78.0	78.0	78.0	78.0
70°	75.5	75.5	75.6	75.5	75.5	75.5	75.6	75.5	75.5	75.5	75.6
70.5°	73.1	73.0	73.1	73.1	73.0	73.1	73.1	73.0	73.1	73.0	73.1
71°	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
71.5°	68.1	68.1	68.2	68.1	68.1	68.1	68.2	68.1	68.1	68.1	68.2
72°	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.6	65.6	65.6	65.7
72.5°	63.2	63.1	63.2	63.2	63.1	63.2	63.2	63.1	63.2	63.1	63.2
73°	60.7	60.7	60.8	60.7	60.7	60.7	60.8	60.7	60.7	60.7	60.8
73.5°	58.2	58.2	58.3	58.3	58.2	58.3	58.3	58.2	58.2	58.2	58.3
74°	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
74.5°	53.3	53.4	53.4	53.4	53.3	53.4	53.4	53.4	53.3	53.4	53.4
75°	51.0	50.9	51.0	51.0	50.9	51.0	51.0	50.9	51.0	50.9	51.0
75.5°	48.5	48.5	48.6	48.5	48.5	48.5	48.6	48.5	48.5	48.5	48.6
76°	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
76.5°	43.7	43.7	43.8	43.8	43.7	43.8	43.8	43.7	43.7	43.7	43.8
77°	41.3	41.4	41.4	41.4	41.3	41.4	41.4	41.4	41.3	41.4	41.4
77.5°	39.0	39.0	39.1	39.1	39.0	39.1	39.1	39.0	39.0	39.0	39.1
78°	36.7	36.7	36.7	36.8	36.7	36.8	36.7	36.7	36.7	36.7	36.7
78.5°	34.4	34.4	34.4	34.5	34.4	34.5	34.4	34.4	34.4	34.4	34.4
79°	32.1	32.2	32.2	32.3	32.2	32.3	32.2	32.2	32.1	32.2	32.2
79.5°	29.8	29.9	30.0	30.0	29.9	30.0	30.0	29.9	29.8	29.9	30.0
80°	27.7	27.7	27.8	27.9	27.7	27.9	27.8	27.7	27.7	27.7	27.8
80.5°	25.5	25.6	25.7	25.7	25.6	25.7	25.7	25.6	25.5	25.6	25.7
81°	23.4	23.5	23.6	23.6	23.5	23.6	23.6	23.5	23.4	23.5	23.6
81.5°	21.4	21.4	21.5	21.6	21.5	21.6	21.5	21.4	21.4	21.4	21.5
82°	19.4	19.4	19.5	19.6	19.6	19.6	19.5	19.4	19.4	19.4	19.5
82.5°	17.4	17.4	17.6	17.7	17.6	17.7	17.6	17.4	17.4	17.4	17.6
83°	15.5	15.6	15.7	15.8	15.8	15.8	15.7	15.6	15.5	15.6	15.7
83.5°	13.7	13.7	13.9	14.0	14.0	14.0	13.9	13.7	13.7	13.7	13.9
84°	12.0	12.0	12.2	12.3	12.4	12.3	12.2	12.0	12.0	12.0	12.2
84.5°	10.3	10.4	10.6	10.8	10.8	10.8	10.6	10.4	10.3	10.4	10.6
85°	8.8	8.9	9.1	9.2	9.2	9.2	9.1	8.9	8.8	8.9	9.1
85.5°	7.4	7.5	7.6	7.8	7.7	7.8	7.6	7.5	7.4	7.5	7.6
86°	6.1	6.2	6.2	6.4	6.4	6.4	6.2	6.2	6.1	6.2	6.2
86.5°	4.9	4.9	5.2	5.3	5.2	5.3	5.2	4.9	4.9	4.9	5.2
87°	3.8	3.9	4.2	4.3	4.2	4.3	4.2	3.9	3.8	3.9	4.2
87.5°	2.9	3.0	3.2	3.5	3.3	3.5	3.2	3.0	2.9	3.0	3.2
88°	2.1	2.2	2.4	2.7	2.6	2.7	2.4	2.2	2.1	2.2	2.4
88.5°	1.5	1.5	1.8	2.0	2.0	2.0	1.8	1.5	1.5	1.5	1.8

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

Scaled Data Report



TEST NUMBER: P997146
CATALOG NUMBER: SMX4RLSFS010-800LM-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: P997146

CATALOG NUMBER: SMX4RLSFS010-800LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	290.1	290.1	290.1	290.1	290.1	290.1
0.5°	290.2	290.0	290.2	290.3	289.9	290.0
1°	290.2	290.1	290.2	290.2	289.9	289.8
1.5°	290.1	290.0	290.1	290.2	289.8	289.8
2°	290.0	289.8	290.0	290.0	289.6	289.6
2.5°	289.8	289.7	289.8	289.9	289.6	289.6
3°	289.7	289.6	289.7	289.7	289.4	289.4
3.5°	289.5	289.3	289.5	289.5	289.2	289.2
4°	289.4	289.2	289.4	289.3	289.0	289.1
4.5°	289.1	288.9	289.1	289.2	288.8	288.8
5°	288.8	288.7	288.8	288.8	288.5	288.6
5.5°	288.5	288.3	288.5	288.6	288.2	288.3
6°	288.2	288.0	288.2	288.2	287.9	287.9
6.5°	287.9	287.6	287.9	287.9	287.6	287.5
7°	287.5	287.4	287.5	287.5	287.1	287.2
7.5°	287.1	286.8	287.1	287.1	286.8	286.9
8°	286.7	286.5	286.7	286.6	286.4	286.3
8.5°	286.2	286.0	286.2	286.2	285.9	285.9
9°	285.7	285.5	285.7	285.7	285.4	285.5
9.5°	285.2	285.0	285.2	285.2	284.9	284.9
10°	284.7	284.5	284.7	284.6	284.3	284.4
10.5°	284.1	283.8	284.1	284.1	283.8	283.9
11°	283.5	283.4	283.5	283.5	283.2	283.1
11.5°	282.8	282.7	282.8	282.9	282.6	282.6
12°	282.2	282.1	282.2	282.2	281.9	282.0
12.5°	281.6	281.3	281.6	281.6	281.2	281.3
13°	280.8	280.7	280.8	280.9	280.6	280.6
13.5°	280.1	280.0	280.1	280.2	279.8	279.9
14°	279.4	279.3	279.4	279.4	279.1	279.1
14.5°	278.6	278.4	278.6	278.7	278.3	278.4
15°	277.8	277.7	277.8	277.8	277.5	277.6
15.5°	277.0	276.7	277.0	277.0	276.7	276.7
16°	276.1	276.1	276.1	276.2	275.9	275.9
16.5°	275.2	275.1	275.2	275.3	275.0	275.1
17°	274.3	274.3	274.3	274.3	274.1	274.1
17.5°	273.4	273.3	273.4	273.5	273.1	273.2
18°	272.4	272.4	272.4	272.5	272.2	272.2
18.5°	271.5	271.2	271.5	271.6	271.2	271.4
19°	270.5	270.4	270.5	270.5	270.2	270.3
19.5°	269.5	269.2	269.5	269.6	269.2	269.3
20°	268.3	268.2	268.3	268.4	268.1	268.2
20.5°	267.4	267.1	267.4	267.5	267.1	267.2
21°	266.2	266.1	266.2	266.3	266.0	266.0

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997146

CATALOG NUMBER: SMX4RLSFS010-800LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	262.8	262.5	262.8	262.9	262.5	262.7
23°	261.6	261.5	261.6	261.7	261.4	261.4
23.5°	260.4	260.2	260.4	260.5	260.1	260.3
24°	259.2	259.1	259.2	259.2	258.9	258.9
24.5°	257.9	257.7	257.9	258.0	257.6	257.7
25°	256.6	256.5	256.6	256.7	256.4	256.4
25.5°	255.3	255.2	255.3	255.4	255.1	255.2
26°	254.0	253.9	254.0	254.1	253.8	253.9
26.5°	252.7	252.4	252.7	252.8	252.4	252.5
27°	251.3	251.2	251.3	251.3	251.1	251.1
27.5°	249.9	249.7	249.9	250.0	249.6	249.8
28°	248.5	248.4	248.5	248.5	248.3	248.4
28.5°	247.1	246.9	247.1	247.2	246.8	247.0
29°	245.6	245.5	245.6	245.7	245.4	245.5
29.5°	244.2	243.9	244.2	244.3	243.9	244.0
30°	242.7	242.5	242.7	242.7	242.5	242.5
30.5°	241.2	241.0	241.2	241.2	240.9	241.0
31°	239.7	239.5	239.7	239.7	239.5	239.5
31.5°	238.1	237.9	238.1	238.2	237.9	238.0
32°	236.5	236.4	236.5	236.6	236.3	236.3
32.5°	235.0	234.7	235.0	235.1	234.7	234.9
33°	233.3	233.2	233.3	233.4	233.2	233.2
33.5°	231.7	231.5	231.7	231.8	231.5	231.6
34°	230.1	230.0	230.1	230.2	229.9	230.0
34.5°	228.4	228.2	228.4	228.5	228.2	228.4
35°	226.7	226.7	226.7	226.8	226.6	226.6
35.5°	225.1	224.9	225.1	225.2	224.9	225.0
36°	223.4	223.2	223.4	223.4	223.2	223.2
36.5°	221.6	221.5	221.6	221.8	221.4	221.5
37°	219.9	219.8	219.9	220.0	219.7	219.8
37.5°	218.2	218.0	218.2	218.2	218.0	218.1
38°	216.3	216.2	216.3	216.4	216.1	216.2
38.5°	214.6	214.4	214.6	214.7	214.3	214.5
39°	212.8	212.7	212.8	212.8	212.6	212.7
39.5°	211.0	210.8	211.0	211.1	210.8	210.8
40°	209.1	209.0	209.1	209.1	208.9	209.0
40.5°	207.3	207.0	207.3	207.4	207.0	207.2
41°	205.4	205.2	205.4	205.4	205.2	205.2
41.5°	203.5	203.3	203.5	203.6	203.3	203.4
42°	201.6	201.5	201.6	201.7	201.4	201.5
42.5°	199.7	199.5	199.7	199.8	199.5	199.6
43°	197.8	197.6	197.8	197.8	197.6	197.7
43.5°	195.8	195.5	195.8	195.9	195.6	195.7

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997146

CATALOG NUMBER: SMX4RLSFS010-800LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	189.8	189.7	189.8	189.9	189.7	189.7
45.5°	187.9	187.6	187.9	187.9	187.7	187.8
46°	185.8	185.7	185.8	185.9	185.7	185.7
46.5°	183.8	183.6	183.8	183.9	183.6	183.7
47°	181.7	181.6	181.7	181.8	181.6	181.6
47.5°	179.7	179.5	179.7	179.8	179.5	179.6
48°	177.6	177.4	177.6	177.7	177.5	177.5
48.5°	175.5	175.3	175.5	175.6	175.4	175.5
49°	173.4	173.3	173.4	173.5	173.3	173.4
49.5°	171.3	171.1	171.3	171.4	171.2	171.2
50°	169.2	169.1	169.2	169.3	169.0	169.2
50.5°	167.1	166.8	167.1	167.1	166.9	167.0
51°	164.8	164.8	164.8	164.9	164.8	164.8
51.5°	162.7	162.6	162.7	162.8	162.6	162.7
52°	160.6	160.5	160.6	160.6	160.5	160.5
52.5°	158.4	158.2	158.4	158.5	158.3	158.3
53°	156.2	156.1	156.2	156.2	156.1	156.1
53.5°	154.0	153.8	154.0	154.0	153.9	153.9
54°	151.7	151.7	151.7	151.8	151.6	151.7
54.5°	149.5	149.3	149.5	149.6	149.4	149.5
55°	147.3	147.2	147.3	147.3	147.2	147.2
55.5°	145.0	144.9	145.0	145.1	144.9	145.0
56°	142.7	142.6	142.7	142.8	142.6	142.7
56.5°	140.4	140.3	140.4	140.6	140.4	140.4
57°	138.1	138.1	138.1	138.2	138.0	138.1
57.5°	135.8	135.7	135.8	135.9	135.7	135.8
58°	133.5	133.5	133.5	133.6	133.5	133.5
58.5°	131.2	131.1	131.2	131.3	131.2	131.2
59°	128.9	128.8	128.9	128.9	128.8	128.8
59.5°	126.5	126.4	126.5	126.6	126.5	126.5
60°	124.2	124.1	124.2	124.2	124.1	124.1
60.5°	121.8	121.7	121.8	121.9	121.8	121.8
61°	119.4	119.4	119.4	119.5	119.4	119.4
61.5°	117.1	116.9	117.1	117.2	117.0	117.1
62°	114.7	114.6	114.7	114.7	114.6	114.6
62.5°	112.3	112.2	112.3	112.3	112.2	112.3
63°	109.9	109.8	109.9	109.9	109.8	109.8
63.5°	107.5	107.3	107.5	107.5	107.4	107.4
64°	105.0	104.9	105.0	105.0	105.0	105.0
64.5°	102.6	102.5	102.6	102.7	102.5	102.6
65°	100.2	100.1	100.2	100.2	100.1	100.1
65.5°	97.7	97.6	97.7	97.8	97.7	97.7
66°	95.3	95.2	95.3	95.3	95.2	95.2

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997146

CATALOG NUMBER: SMX4RLSFS010-800LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	87.9	87.8	87.9	88.0	87.9	87.9
68°	85.4	85.4	85.4	85.4	85.4	85.4
68.5°	83.0	82.8	83.0	83.0	82.9	83.0
69°	80.5	80.4	80.5	80.5	80.5	80.4
69.5°	78.0	77.9	78.0	78.0	78.0	78.0
70°	75.5	75.5	75.5	75.6	75.5	75.5
70.5°	73.1	73.0	73.1	73.1	73.0	73.1
71°	70.6	70.6	70.6	70.6	70.6	70.6
71.5°	68.1	68.1	68.1	68.2	68.1	68.1
72°	65.7	65.7	65.7	65.7	65.6	65.6
72.5°	63.2	63.1	63.2	63.2	63.1	63.2
73°	60.7	60.7	60.7	60.8	60.7	60.7
73.5°	58.3	58.2	58.3	58.3	58.2	58.2
74°	55.8	55.8	55.8	55.8	55.8	55.8
74.5°	53.4	53.3	53.4	53.4	53.4	53.3
75°	51.0	50.9	51.0	51.0	50.9	51.0
75.5°	48.5	48.5	48.5	48.6	48.5	48.5
76°	46.1	46.1	46.1	46.1	46.1	46.1
76.5°	43.8	43.7	43.8	43.8	43.7	43.7
77°	41.4	41.3	41.4	41.4	41.4	41.3
77.5°	39.1	39.0	39.1	39.1	39.0	39.0
78°	36.8	36.7	36.8	36.7	36.7	36.7
78.5°	34.5	34.4	34.5	34.4	34.4	34.4
79°	32.3	32.2	32.3	32.2	32.2	32.1
79.5°	30.0	29.9	30.0	30.0	29.9	29.8
80°	27.9	27.7	27.9	27.8	27.7	27.7
80.5°	25.7	25.6	25.7	25.7	25.6	25.5
81°	23.6	23.5	23.6	23.6	23.5	23.4
81.5°	21.6	21.5	21.6	21.5	21.4	21.4
82°	19.6	19.6	19.6	19.5	19.4	19.4
82.5°	17.7	17.6	17.7	17.6	17.4	17.4
83°	15.8	15.8	15.8	15.7	15.6	15.5
83.5°	14.0	14.0	14.0	13.9	13.7	13.7
84°	12.3	12.4	12.3	12.2	12.0	12.0
84.5°	10.8	10.8	10.8	10.6	10.4	10.3
85°	9.2	9.2	9.2	9.1	8.9	8.8
85.5°	7.8	7.7	7.8	7.6	7.5	7.4
86°	6.4	6.4	6.4	6.2	6.2	6.1
86.5°	5.3	5.2	5.3	5.2	4.9	4.9
87°	4.3	4.2	4.3	4.2	3.9	3.8
87.5°	3.5	3.3	3.5	3.2	3.0	2.9
88°	2.7	2.6	2.7	2.4	2.2	2.1
88.5°	2.0	2.0	2.0	1.8	1.5	1.5

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Scaled Data Report



TEST NUMBER: P997146
CATALOG NUMBER: SMX4RLSFS010-800LM-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°	265.0	264.9	265.2	265.1	264.9	265.1	265.2	264.9	265.0	264.9	265.2
22°	263.7	263.7	264.0	263.9	263.8	263.9	264.0	263.7	263.7	263.7	264.0



44°	193.7	193.7	193.9	193.8	193.7	193.8	193.9	193.7	193.7	193.7	193.9
44.5°	191.8	191.7	191.9	191.8	191.7	191.8	191.9	191.7	191.8	191.7	191.9



66.5°	92.8	92.7	92.9	92.8	92.7	92.8	92.9	92.7	92.8	92.7	92.9
67°	90.3	90.3	90.4	90.3	90.3	90.3	90.4	90.3	90.3	90.3	90.4



89°	0.9	1.1	1.3	1.5	1.6	1.5	1.3	1.1	0.9	1.1	1.3
89.5°	0.7	0.7	1.0	1.2	1.2	1.2	1.0	0.7	0.7	0.7	1.0

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21.5°	265.1	264.9	265.1	265.2	264.9	265.0
22°	263.9	263.8	263.9	264.0	263.7	263.7

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44°	193.8	193.7	193.8	193.9	193.7	193.7
44.5°	191.8	191.7	191.8	191.9	191.7	191.8

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66.5°	92.8	92.7	92.8	92.9	92.7	92.8
67°	90.3	90.3	90.3	90.4	90.3	90.3

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89°	1.5	1.6	1.5	1.3	1.1	0.9
89.5°	1.2	1.2	1.2	1.0	0.7	0.7

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Scaled Data Report



(END OF REPORT)