

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: P997150

Luminaire Tested: **SMX4RLSFS010-800LM-5000K**

Issue Date: 3/11/2025

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

**Test Information**

Test Method: LM-41-14
Report Number: P997150
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-5000K
Description: 4IN ROUND, 90CRI, 0-10V DIMMING, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 5000K CCT
Ballast/Driver: -

Summary

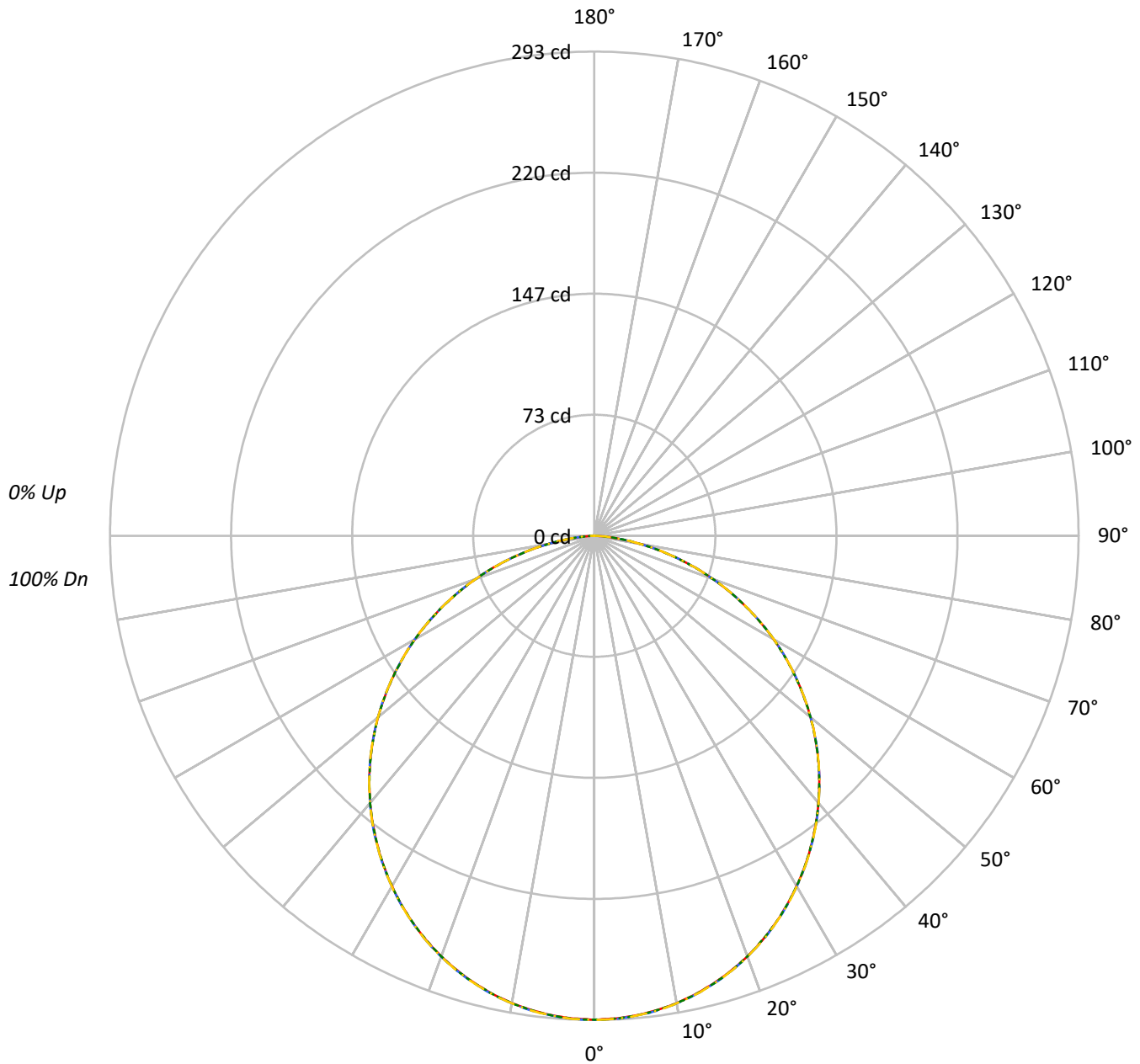
Lumens per Lamp: N/A
Luminaire Lumens: 816.0 lumens
Efficiency: N/A
Efficacy: 99.5 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.24 / 1.36
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

Input Watts (W): 8.2
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	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°	36861	36861	36861	36861
5°	36800	36813	36800	36813
10°	36702	36702	36702	36702
15°	36507	36533	36507	36533
20°	36267	36267	36267	36267
25°	35951	35951	35951	35951
30°	35574	35574	35574	35574
35°	35136	35152	35136	35152
40°	34664	34664	34664	34664
45°	34101	34083	34101	34083
50°	33441	33421	33441	33421
55°	32605	32605	32605	32605
60°	31538	31538	31538	31538
65°	30106	30106	30106	30106
70°	28039	28039	28039	28039
75°	24993	24993	24993	24993
80°	20293	20293	20293	20293
85°	12707	13429	12707	13429



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.7	3.4
10°-20°	79.1	9.7
20°-30°	119.3	14.6
30°-40°	143.1	17.5
40°-50°	147.8	18.1
50°-60°	132.8	16.3
60°-70°	99.9	12.2
70°-80°	54.5	6.7
80°-90°	11.8	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°	226.1	27.7
0°-40°	369.2	45.3
0°-60°	649.8	79.6
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°	293	293	293	293	293	
5°	291	291	291	291	291	28
15°	280	280	280	280	280	79
25°	259	259	259	259	259	119
35°	229	229	229	229	229	143
45°	192	192	192	192	192	148
55°	149	149	149	149	149	133
65°	101	101	101	101	101	100
75°	51	51	51	51	51	54
85°	9	9	9	9	9	12
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	292.9	292.9	292.9	292.9	292.9	292.9	292.9	292.9	292.9	292.9	292.9
0.5°	292.8	292.7	293.0	293.0	292.7	293.0	293.0	292.7	292.8	292.7	293.0
1°	292.6	292.6	292.9	292.9	292.8	292.9	292.9	292.6	292.6	292.6	292.9
1.5°	292.6	292.6	292.9	292.8	292.7	292.8	292.9	292.6	292.6	292.6	292.9
2°	292.4	292.4	292.7	292.8	292.6	292.8	292.7	292.4	292.4	292.4	292.7
2.5°	292.4	292.3	292.7	292.6	292.5	292.6	292.7	292.3	292.4	292.3	292.7
3°	292.2	292.1	292.5	292.5	292.4	292.5	292.5	292.1	292.2	292.1	292.5
3.5°	292.0	292.0	292.3	292.3	292.1	292.3	292.3	292.0	292.0	292.0	292.3
4°	291.8	291.7	292.1	292.1	292.0	292.1	292.1	291.7	291.8	291.7	292.1
4.5°	291.6	291.5	291.9	291.8	291.6	291.8	291.9	291.5	291.6	291.5	291.9
5°	291.3	291.3	291.5	291.5	291.4	291.5	291.5	291.3	291.3	291.3	291.5
5.5°	291.0	290.9	291.3	291.2	291.1	291.2	291.3	290.9	291.0	290.9	291.3
6°	290.7	290.6	290.9	290.9	290.8	290.9	290.9	290.6	290.7	290.6	290.9
6.5°	290.3	290.3	290.7	290.6	290.4	290.6	290.7	290.3	290.3	290.3	290.7
7°	289.9	289.8	290.2	290.3	290.1	290.3	290.2	289.8	289.9	289.8	290.2
7.5°	289.6	289.5	289.9	289.8	289.6	289.8	289.9	289.5	289.6	289.5	289.9
8°	289.1	289.1	289.4	289.4	289.2	289.4	289.4	289.1	289.1	289.1	289.4
8.5°	288.6	288.6	289.0	288.9	288.7	288.9	289.0	288.6	288.6	288.6	289.0
9°	288.2	288.1	288.4	288.4	288.2	288.4	288.4	288.1	288.2	288.1	288.4
9.5°	287.6	287.6	287.9	287.9	287.8	287.9	287.9	287.6	287.6	287.6	287.9
10°	287.2	287.1	287.3	287.4	287.2	287.4	287.3	287.1	287.2	287.1	287.3
10.5°	286.6	286.5	286.8	286.8	286.5	286.8	286.8	286.5	286.6	286.5	286.8
11°	285.8	285.9	286.2	286.2	286.1	286.2	286.2	285.9	285.8	285.9	286.2
11.5°	285.3	285.3	285.6	285.5	285.4	285.5	285.6	285.3	285.3	285.3	285.6
12°	284.7	284.6	284.9	284.9	284.8	284.9	284.9	284.6	284.7	284.6	284.9
12.5°	284.0	283.9	284.2	284.2	284.0	284.2	284.2	283.9	284.0	283.9	284.2
13°	283.3	283.2	283.6	283.5	283.4	283.5	283.6	283.2	283.3	283.2	283.6
13.5°	282.6	282.5	282.8	282.8	282.6	282.8	282.8	282.5	282.6	282.5	282.8
14°	281.7	281.7	282.0	282.1	282.0	282.1	282.0	281.7	281.7	281.7	282.0
14.5°	281.1	281.0	281.3	281.3	281.1	281.3	281.3	281.0	281.1	281.0	281.3
15°	280.2	280.1	280.4	280.4	280.4	280.4	280.4	280.1	280.2	280.1	280.4
15.5°	279.4	279.3	279.6	279.7	279.4	279.7	279.6	279.3	279.4	279.3	279.6
16°	278.5	278.5	278.8	278.7	278.7	278.7	278.8	278.5	278.5	278.5	278.8
16.5°	277.7	277.6	277.9	277.9	277.7	277.9	277.9	277.6	277.7	277.6	277.9
17°	276.7	276.7	276.9	277.0	276.9	277.0	276.9	276.7	276.7	276.7	276.9
17.5°	275.8	275.7	276.1	276.0	275.9	276.0	276.1	275.7	275.8	275.7	276.1
18°	274.8	274.8	275.1	275.0	275.0	275.0	275.1	274.8	274.8	274.8	275.1
18.5°	273.9	273.8	274.1	274.1	273.8	274.1	274.1	273.8	273.9	273.8	274.1
19°	272.8	272.8	273.1	273.0	273.0	273.0	273.1	272.8	272.8	272.8	273.1
19.5°	271.9	271.8	272.1	272.0	271.8	272.0	272.1	271.8	271.9	271.8	272.1
20°	270.8	270.7	271.0	270.9	270.8	270.9	271.0	270.7	270.8	270.7	271.0
20.5°	269.7	269.6	270.0	269.9	269.7	269.9	270.0	269.6	269.7	269.6	270.0
21°	268.6	268.5	268.8	268.7	268.6	268.7	268.8	268.5	268.6	268.5	268.8

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
22.5°	265.2	265.0	265.4	265.3	265.0	265.3	265.4	265.0	265.2	265.0	265.4
23°	263.9	263.9	264.2	264.1	264.0	264.1	264.2	263.9	263.9	263.9	264.2
23.5°	262.8	262.6	263.0	262.9	262.7	262.9	263.0	262.6	262.8	262.6	263.0
24°	261.4	261.4	261.7	261.6	261.5	261.6	261.7	261.4	261.4	261.4	261.7
24.5°	260.2	260.1	260.5	260.4	260.1	260.4	260.5	260.1	260.2	260.1	260.5
25°	258.9	258.8	259.1	259.0	258.9	259.0	259.1	258.8	258.9	258.8	259.1
25.5°	257.6	257.5	257.8	257.7	257.6	257.7	257.8	257.5	257.6	257.5	257.8
26°	256.3	256.2	256.5	256.4	256.3	256.4	256.5	256.2	256.3	256.2	256.5
26.5°	254.9	254.8	255.2	255.1	254.8	255.1	255.2	254.8	254.9	254.8	255.2
27°	253.5	253.4	253.7	253.7	253.6	253.7	253.7	253.4	253.5	253.4	253.7
27.5°	252.2	252.0	252.4	252.3	252.1	252.3	252.4	252.0	252.2	252.0	252.4
28°	250.7	250.6	250.9	250.8	250.8	250.8	250.9	250.6	250.7	250.6	250.9
28.5°	249.3	249.2	249.5	249.5	249.2	249.5	249.5	249.2	249.3	249.2	249.5
29°	247.8	247.8	248.0	248.0	247.8	248.0	248.0	247.8	247.8	247.8	248.0
29.5°	246.4	246.2	246.6	246.6	246.3	246.6	246.6	246.2	246.4	246.2	246.6
30°	244.8	244.8	245.0	245.0	244.8	245.0	245.0	244.8	244.8	244.8	245.0
30.5°	243.3	243.2	243.5	243.5	243.3	243.5	243.5	243.2	243.3	243.2	243.5
31°	241.8	241.7	242.0	242.0	241.8	242.0	242.0	241.7	241.8	241.7	242.0
31.5°	240.3	240.1	240.5	240.4	240.1	240.4	240.5	240.1	240.3	240.1	240.5
32°	238.6	238.6	238.8	238.8	238.6	238.8	238.8	238.6	238.6	238.6	238.8
32.5°	237.1	236.9	237.3	237.2	237.0	237.2	237.3	236.9	237.1	236.9	237.3
33°	235.5	235.4	235.6	235.6	235.4	235.6	235.6	235.4	235.5	235.4	235.6
33.5°	233.8	233.7	234.0	233.9	233.7	233.9	234.0	233.7	233.8	233.7	234.0
34°	232.2	232.1	232.4	232.3	232.2	232.3	232.4	232.1	232.2	232.1	232.4
34.5°	230.5	230.4	230.7	230.6	230.4	230.6	230.7	230.4	230.5	230.4	230.7
35°	228.7	228.7	229.0	228.9	228.8	228.9	229.0	228.7	228.7	228.7	229.0
35.5°	227.2	227.0	227.3	227.2	227.0	227.2	227.3	227.0	227.2	227.0	227.3
36°	225.4	225.3	225.6	225.5	225.4	225.5	225.6	225.3	225.4	225.3	225.6
36.5°	223.6	223.5	223.9	223.7	223.6	223.7	223.9	223.5	223.6	223.5	223.9
37°	221.8	221.8	222.1	222.0	221.9	222.0	222.1	221.8	221.8	221.8	222.1
37.5°	220.2	220.0	220.3	220.2	220.1	220.2	220.3	220.0	220.2	220.0	220.3
38°	218.2	218.2	218.5	218.4	218.3	218.4	218.5	218.2	218.2	218.2	218.5
38.5°	216.6	216.4	216.7	216.6	216.4	216.6	216.7	216.4	216.6	216.4	216.7
39°	214.7	214.6	214.9	214.8	214.7	214.8	214.9	214.6	214.7	214.6	214.9
39.5°	212.8	212.8	213.1	213.0	212.8	213.0	213.1	212.8	212.8	212.8	213.1
40°	211.0	210.9	211.1	211.1	211.0	211.1	211.1	210.9	211.0	210.9	211.1
40.5°	209.1	209.0	209.3	209.2	209.0	209.2	209.3	209.0	209.1	209.0	209.3
41°	207.2	207.1	207.3	207.3	207.1	207.3	207.3	207.1	207.2	207.1	207.3
41.5°	205.3	205.2	205.5	205.4	205.2	205.4	205.5	205.2	205.3	205.2	205.5
42°	203.4	203.3	203.6	203.5	203.4	203.5	203.6	203.3	203.4	203.3	203.6
42.5°	201.5	201.4	201.7	201.6	201.4	201.6	201.7	201.4	201.5	201.4	201.7
43°	199.6	199.5	199.7	199.6	199.5	199.6	199.7	199.5	199.6	199.5	199.7
43.5°	197.6	197.5	197.7	197.6	197.4	197.6	197.7	197.5	197.6	197.5	197.7

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	191.6	191.5	191.7	191.6	191.5	191.6	191.7	191.5	191.6	191.5	191.7
45.5°	189.6	189.5	189.7	189.7	189.4	189.7	189.7	189.5	189.6	189.5	189.7
46°	187.5	187.5	187.7	187.6	187.5	187.6	187.7	187.5	187.5	187.5	187.7
46.5°	185.4	185.4	185.6	185.5	185.3	185.5	185.6	185.4	185.4	185.4	185.6
47°	183.4	183.3	183.5	183.5	183.4	183.5	183.5	183.3	183.4	183.3	183.5
47.5°	181.3	181.2	181.5	181.4	181.2	181.4	181.5	181.2	181.3	181.2	181.5
48°	179.2	179.2	179.4	179.3	179.1	179.3	179.4	179.2	179.2	179.2	179.4
48.5°	177.2	177.1	177.2	177.2	177.0	177.2	177.2	177.1	177.2	177.1	177.2
49°	175.0	174.9	175.1	175.1	175.0	175.1	175.1	174.9	175.0	174.9	175.1
49.5°	172.8	172.8	173.0	173.0	172.8	173.0	173.0	172.8	172.8	172.8	173.0
50°	170.8	170.7	170.9	170.8	170.7	170.8	170.9	170.7	170.8	170.7	170.9
50.5°	168.6	168.5	168.7	168.6	168.4	168.6	168.7	168.5	168.6	168.5	168.7
51°	166.4	166.3	166.5	166.4	166.4	166.4	166.5	166.3	166.4	166.3	166.5
51.5°	164.3	164.2	164.4	164.3	164.1	164.3	164.4	164.2	164.3	164.2	164.4
52°	162.0	162.0	162.2	162.1	162.0	162.1	162.2	162.0	162.0	162.0	162.2
52.5°	159.8	159.8	160.0	159.9	159.8	159.9	160.0	159.8	159.8	159.8	160.0
53°	157.6	157.6	157.7	157.6	157.6	157.6	157.7	157.6	157.6	157.6	157.7
53.5°	155.4	155.3	155.5	155.4	155.2	155.4	155.5	155.3	155.4	155.3	155.5
54°	153.1	153.1	153.2	153.2	153.1	153.2	153.2	153.1	153.1	153.1	153.2
54.5°	150.9	150.8	151.0	150.9	150.8	150.9	151.0	150.8	150.9	150.8	151.0
55°	148.6	148.6	148.7	148.7	148.6	148.7	148.7	148.6	148.6	148.6	148.7
55.5°	146.4	146.3	146.5	146.4	146.2	146.4	146.5	146.3	146.4	146.3	146.5
56°	144.1	144.0	144.1	144.0	144.0	144.0	144.1	144.0	144.1	144.0	144.1
56.5°	141.7	141.7	141.9	141.8	141.7	141.8	141.9	141.7	141.7	141.7	141.9
57°	139.4	139.3	139.5	139.4	139.4	139.4	139.5	139.3	139.4	139.3	139.5
57.5°	137.1	137.0	137.2	137.1	137.0	137.1	137.2	137.0	137.1	137.0	137.2
58°	134.8	134.7	134.9	134.8	134.7	134.8	134.9	134.7	134.8	134.7	134.9
58.5°	132.5	132.4	132.6	132.5	132.3	132.5	132.6	132.4	132.5	132.4	132.6
59°	130.0	130.0	130.2	130.1	130.0	130.1	130.2	130.0	130.0	130.0	130.2
59.5°	127.7	127.7	127.8	127.7	127.6	127.7	127.8	127.7	127.7	127.7	127.8
60°	125.3	125.3	125.4	125.4	125.3	125.4	125.4	125.3	125.3	125.3	125.4
60.5°	122.9	122.9	123.1	123.0	122.9	123.0	123.1	122.9	122.9	122.9	123.1
61°	120.6	120.5	120.6	120.6	120.5	120.6	120.6	120.5	120.6	120.5	120.6
61.5°	118.2	118.1	118.3	118.2	118.1	118.2	118.3	118.1	118.2	118.1	118.3
62°	115.7	115.7	115.8	115.8	115.7	115.8	115.8	115.7	115.7	115.7	115.8
62.5°	113.3	113.3	113.4	113.4	113.2	113.4	113.4	113.3	113.3	113.3	113.4
63°	110.8	110.8	111.0	110.9	110.8	110.9	111.0	110.8	110.8	110.8	111.0
63.5°	108.5	108.4	108.5	108.5	108.3	108.5	108.5	108.4	108.5	108.4	108.5
64°	106.0	106.0	106.0	106.0	105.9	106.0	106.0	106.0	106.0	106.0	106.0
64.5°	103.6	103.5	103.6	103.6	103.5	103.6	103.6	103.5	103.6	103.5	103.6
65°	101.1	101.1	101.2	101.1	101.1	101.1	101.2	101.1	101.1	101.1	101.2
65.5°	98.7	98.6	98.7	98.7	98.5	98.7	98.7	98.6	98.7	98.6	98.7
66°	96.1	96.1	96.2	96.2	96.1	96.2	96.2	96.1	96.1	96.1	96.2

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997150

CATALOG NUMBER: SMX4RLSFS010-800LM-5000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	88.7	88.7	88.8	88.7	88.6	88.7	88.8	88.7	88.7	88.7	88.8
68°	86.2	86.2	86.3	86.3	86.2	86.3	86.3	86.2	86.2	86.2	86.3
68.5°	83.7	83.7	83.8	83.8	83.6	83.8	83.8	83.7	83.7	83.7	83.8
69°	81.2	81.2	81.3	81.3	81.2	81.3	81.3	81.2	81.2	81.2	81.3
69.5°	78.8	78.7	78.8	78.8	78.7	78.8	78.8	78.7	78.8	78.7	78.8
70°	76.2	76.2	76.3	76.3	76.2	76.3	76.3	76.2	76.2	76.2	76.3
70.5°	73.8	73.7	73.8	73.8	73.7	73.8	73.8	73.7	73.8	73.7	73.8
71°	71.2	71.2	71.3	71.3	71.2	71.3	71.3	71.2	71.2	71.2	71.3
71.5°	68.7	68.7	68.8	68.8	68.7	68.8	68.8	68.7	68.7	68.7	68.8
72°	66.3	66.2	66.3	66.3	66.3	66.3	66.3	66.2	66.3	66.2	66.3
72.5°	63.8	63.7	63.8	63.8	63.7	63.8	63.8	63.7	63.8	63.7	63.8
73°	61.3	61.3	61.3	61.3	61.2	61.3	61.3	61.3	61.3	61.3	61.3
73.5°	58.8	58.8	58.9	58.8	58.7	58.8	58.9	58.8	58.8	58.8	58.9
74°	56.3	56.3	56.4	56.4	56.3	56.4	56.4	56.3	56.3	56.3	56.4
74.5°	53.9	53.9	53.9	53.9	53.8	53.9	53.9	53.9	53.9	53.9	53.9
75°	51.4	51.4	51.5	51.5	51.4	51.5	51.5	51.4	51.4	51.4	51.5
75.5°	49.0	49.0	49.0	49.0	48.9	49.0	49.0	49.0	49.0	49.0	49.0
76°	46.5	46.5	46.6	46.6	46.5	46.6	46.6	46.5	46.5	46.5	46.6
76.5°	44.1	44.1	44.2	44.2	44.1	44.2	44.2	44.1	44.1	44.1	44.2
77°	41.7	41.8	41.8	41.8	41.7	41.8	41.8	41.8	41.7	41.8	41.8
77.5°	39.4	39.4	39.5	39.5	39.4	39.5	39.5	39.4	39.4	39.4	39.5
78°	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.0	37.1	37.1
78.5°	34.7	34.7	34.8	34.8	34.7	34.8	34.8	34.7	34.7	34.7	34.8
79°	32.4	32.5	32.5	32.6	32.5	32.6	32.5	32.5	32.4	32.5	32.5
79.5°	30.1	30.2	30.3	30.3	30.2	30.3	30.3	30.2	30.1	30.2	30.3
80°	28.0	28.0	28.1	28.1	28.0	28.1	28.1	28.0	28.0	28.0	28.1
80.5°	25.8	25.8	25.9	25.9	25.8	25.9	25.9	25.8	25.8	25.8	25.9
81°	23.7	23.7	23.8	23.8	23.8	23.8	23.8	23.7	23.7	23.7	23.8
81.5°	21.6	21.6	21.7	21.8	21.7	21.8	21.7	21.6	21.6	21.6	21.7
82°	19.6	19.6	19.7	19.8	19.7	19.8	19.7	19.6	19.6	19.6	19.7
82.5°	17.6	17.6	17.7	17.8	17.8	17.8	17.7	17.6	17.6	17.6	17.7
83°	15.7	15.7	15.8	15.9	15.9	15.9	15.8	15.7	15.7	15.7	15.8
83.5°	13.8	13.9	14.0	14.1	14.2	14.1	14.0	13.9	13.8	13.9	14.0
84°	12.1	12.1	12.3	12.5	12.5	12.5	12.3	12.1	12.1	12.1	12.3
84.5°	10.4	10.5	10.7	10.9	10.9	10.9	10.7	10.5	10.4	10.5	10.7
85°	8.8	9.0	9.1	9.3	9.3	9.3	9.1	9.0	8.8	9.0	9.1
85.5°	7.5	7.5	7.7	7.9	7.8	7.9	7.7	7.5	7.5	7.5	7.7
86°	6.2	6.2	6.3	6.5	6.4	6.5	6.3	6.2	6.2	6.2	6.3
86.5°	5.0	5.0	5.2	5.4	5.3	5.4	5.2	5.0	5.0	5.0	5.2
87°	3.8	4.0	4.2	4.4	4.2	4.4	4.2	4.0	3.8	4.0	4.2
87.5°	2.9	3.0	3.3	3.5	3.4	3.5	3.3	3.0	2.9	3.0	3.3
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	1.6	1.8	2.0	2.0	2.0	1.8	1.6	1.5	1.6	1.8

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

Scaled Data Report



TEST NUMBER: P997150
CATALOG NUMBER: SMX4RLSFS010-800LM-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: P997150

CATALOG NUMBER: SMX4RLSFS010-800LM-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	292.9	292.9	292.9	292.9	292.9	292.9
0.5°	293.0	292.7	293.0	293.0	292.7	292.8
1°	292.9	292.8	292.9	292.9	292.6	292.6
1.5°	292.8	292.7	292.8	292.9	292.6	292.6
2°	292.8	292.6	292.8	292.7	292.4	292.4
2.5°	292.6	292.5	292.6	292.7	292.3	292.4
3°	292.5	292.4	292.5	292.5	292.1	292.2
3.5°	292.3	292.1	292.3	292.3	292.0	292.0
4°	292.1	292.0	292.1	292.1	291.7	291.8
4.5°	291.8	291.6	291.8	291.9	291.5	291.6
5°	291.5	291.4	291.5	291.5	291.3	291.3
5.5°	291.2	291.1	291.2	291.3	290.9	291.0
6°	290.9	290.8	290.9	290.9	290.6	290.7
6.5°	290.6	290.4	290.6	290.7	290.3	290.3
7°	290.3	290.1	290.3	290.2	289.8	289.9
7.5°	289.8	289.6	289.8	289.9	289.5	289.6
8°	289.4	289.2	289.4	289.4	289.1	289.1
8.5°	288.9	288.7	288.9	289.0	288.6	288.6
9°	288.4	288.2	288.4	288.4	288.1	288.2
9.5°	287.9	287.8	287.9	287.9	287.6	287.6
10°	287.4	287.2	287.4	287.3	287.1	287.2
10.5°	286.8	286.5	286.8	286.8	286.5	286.6
11°	286.2	286.1	286.2	286.2	285.9	285.8
11.5°	285.5	285.4	285.5	285.6	285.3	285.3
12°	284.9	284.8	284.9	284.9	284.6	284.7
12.5°	284.2	284.0	284.2	284.2	283.9	284.0
13°	283.5	283.4	283.5	283.6	283.2	283.3
13.5°	282.8	282.6	282.8	282.8	282.5	282.6
14°	282.1	282.0	282.1	282.0	281.7	281.7
14.5°	281.3	281.1	281.3	281.3	281.0	281.1
15°	280.4	280.4	280.4	280.4	280.1	280.2
15.5°	279.7	279.4	279.7	279.6	279.3	279.4
16°	278.7	278.7	278.7	278.8	278.5	278.5
16.5°	277.9	277.7	277.9	277.9	277.6	277.7
17°	277.0	276.9	277.0	276.9	276.7	276.7
17.5°	276.0	275.9	276.0	276.1	275.7	275.8
18°	275.0	275.0	275.0	275.1	274.8	274.8
18.5°	274.1	273.8	274.1	274.1	273.8	273.9
19°	273.0	273.0	273.0	273.1	272.8	272.8
19.5°	272.0	271.8	272.0	272.1	271.8	271.9
20°	270.9	270.8	270.9	271.0	270.7	270.8
20.5°	269.9	269.7	269.9	270.0	269.6	269.7
21°	268.7	268.6	268.7	268.8	268.5	268.6

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997150

CATALOG NUMBER: SMX4RLSFS010-800LM-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	265.3	265.0	265.3	265.4	265.0	265.2
23°	264.1	264.0	264.1	264.2	263.9	263.9
23.5°	262.9	262.7	262.9	263.0	262.6	262.8
24°	261.6	261.5	261.6	261.7	261.4	261.4
24.5°	260.4	260.1	260.4	260.5	260.1	260.2
25°	259.0	258.9	259.0	259.1	258.8	258.9
25.5°	257.7	257.6	257.7	257.8	257.5	257.6
26°	256.4	256.3	256.4	256.5	256.2	256.3
26.5°	255.1	254.8	255.1	255.2	254.8	254.9
27°	253.7	253.6	253.7	253.7	253.4	253.5
27.5°	252.3	252.1	252.3	252.4	252.0	252.2
28°	250.8	250.8	250.8	250.9	250.6	250.7
28.5°	249.5	249.2	249.5	249.5	249.2	249.3
29°	248.0	247.8	248.0	248.0	247.8	247.8
29.5°	246.6	246.3	246.6	246.6	246.2	246.4
30°	245.0	244.8	245.0	245.0	244.8	244.8
30.5°	243.5	243.3	243.5	243.5	243.2	243.3
31°	242.0	241.8	242.0	242.0	241.7	241.8
31.5°	240.4	240.1	240.4	240.5	240.1	240.3
32°	238.8	238.6	238.8	238.8	238.6	238.6
32.5°	237.2	237.0	237.2	237.3	236.9	237.1
33°	235.6	235.4	235.6	235.6	235.4	235.5
33.5°	233.9	233.7	233.9	234.0	233.7	233.8
34°	232.3	232.2	232.3	232.4	232.1	232.2
34.5°	230.6	230.4	230.6	230.7	230.4	230.5
35°	228.9	228.8	228.9	229.0	228.7	228.7
35.5°	227.2	227.0	227.2	227.3	227.0	227.2
36°	225.5	225.4	225.5	225.6	225.3	225.4
36.5°	223.7	223.6	223.7	223.9	223.5	223.6
37°	222.0	221.9	222.0	222.1	221.8	221.8
37.5°	220.2	220.1	220.2	220.3	220.0	220.2
38°	218.4	218.3	218.4	218.5	218.2	218.2
38.5°	216.6	216.4	216.6	216.7	216.4	216.6
39°	214.8	214.7	214.8	214.9	214.6	214.7
39.5°	213.0	212.8	213.0	213.1	212.8	212.8
40°	211.1	211.0	211.1	211.1	210.9	211.0
40.5°	209.2	209.0	209.2	209.3	209.0	209.1
41°	207.3	207.1	207.3	207.3	207.1	207.2
41.5°	205.4	205.2	205.4	205.5	205.2	205.3
42°	203.5	203.4	203.5	203.6	203.3	203.4
42.5°	201.6	201.4	201.6	201.7	201.4	201.5
43°	199.6	199.5	199.6	199.7	199.5	199.6
43.5°	197.6	197.4	197.6	197.7	197.5	197.6

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997150

CATALOG NUMBER: SMX4RLSFS010-800LM-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	191.6	191.5	191.6	191.7	191.5	191.6
45.5°	189.7	189.4	189.7	189.7	189.5	189.6
46°	187.6	187.5	187.6	187.7	187.5	187.5
46.5°	185.5	185.3	185.5	185.6	185.4	185.4
47°	183.5	183.4	183.5	183.5	183.3	183.4
47.5°	181.4	181.2	181.4	181.5	181.2	181.3
48°	179.3	179.1	179.3	179.4	179.2	179.2
48.5°	177.2	177.0	177.2	177.2	177.1	177.2
49°	175.1	175.0	175.1	175.1	174.9	175.0
49.5°	173.0	172.8	173.0	173.0	172.8	172.8
50°	170.8	170.7	170.8	170.9	170.7	170.8
50.5°	168.6	168.4	168.6	168.7	168.5	168.6
51°	166.4	166.4	166.4	166.5	166.3	166.4
51.5°	164.3	164.1	164.3	164.4	164.2	164.3
52°	162.1	162.0	162.1	162.2	162.0	162.0
52.5°	159.9	159.8	159.9	160.0	159.8	159.8
53°	157.6	157.6	157.6	157.7	157.6	157.6
53.5°	155.4	155.2	155.4	155.5	155.3	155.4
54°	153.2	153.1	153.2	153.2	153.1	153.1
54.5°	150.9	150.8	150.9	151.0	150.8	150.9
55°	148.7	148.6	148.7	148.7	148.6	148.6
55.5°	146.4	146.2	146.4	146.5	146.3	146.4
56°	144.0	144.0	144.0	144.1	144.0	144.1
56.5°	141.8	141.7	141.8	141.9	141.7	141.7
57°	139.4	139.4	139.4	139.5	139.3	139.4
57.5°	137.1	137.0	137.1	137.2	137.0	137.1
58°	134.8	134.7	134.8	134.9	134.7	134.8
58.5°	132.5	132.3	132.5	132.6	132.4	132.5
59°	130.1	130.0	130.1	130.2	130.0	130.0
59.5°	127.7	127.6	127.7	127.8	127.7	127.7
60°	125.4	125.3	125.4	125.4	125.3	125.3
60.5°	123.0	122.9	123.0	123.1	122.9	122.9
61°	120.6	120.5	120.6	120.6	120.5	120.6
61.5°	118.2	118.1	118.2	118.3	118.1	118.2
62°	115.8	115.7	115.8	115.8	115.7	115.7
62.5°	113.4	113.2	113.4	113.4	113.3	113.3
63°	110.9	110.8	110.9	111.0	110.8	110.8
63.5°	108.5	108.3	108.5	108.5	108.4	108.5
64°	106.0	105.9	106.0	106.0	106.0	106.0
64.5°	103.6	103.5	103.6	103.6	103.5	103.6
65°	101.1	101.1	101.1	101.2	101.1	101.1
65.5°	98.7	98.5	98.7	98.7	98.6	98.7
66°	96.2	96.1	96.2	96.2	96.1	96.1

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997150

CATALOG NUMBER: SMX4RLSFS010-800LM-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	88.7	88.6	88.7	88.8	88.7	88.7
68°	86.3	86.2	86.3	86.3	86.2	86.2
68.5°	83.8	83.6	83.8	83.8	83.7	83.7
69°	81.3	81.2	81.3	81.3	81.2	81.2
69.5°	78.8	78.7	78.8	78.8	78.7	78.8
70°	76.3	76.2	76.3	76.3	76.2	76.2
70.5°	73.8	73.7	73.8	73.8	73.7	73.8
71°	71.3	71.2	71.3	71.3	71.2	71.2
71.5°	68.8	68.7	68.8	68.8	68.7	68.7
72°	66.3	66.3	66.3	66.3	66.2	66.3
72.5°	63.8	63.7	63.8	63.8	63.7	63.8
73°	61.3	61.2	61.3	61.3	61.3	61.3
73.5°	58.8	58.7	58.8	58.9	58.8	58.8
74°	56.4	56.3	56.4	56.4	56.3	56.3
74.5°	53.9	53.8	53.9	53.9	53.9	53.9
75°	51.5	51.4	51.5	51.5	51.4	51.4
75.5°	49.0	48.9	49.0	49.0	49.0	49.0
76°	46.6	46.5	46.6	46.6	46.5	46.5
76.5°	44.2	44.1	44.2	44.2	44.1	44.1
77°	41.8	41.7	41.8	41.8	41.8	41.7
77.5°	39.5	39.4	39.5	39.5	39.4	39.4
78°	37.1	37.1	37.1	37.1	37.1	37.0
78.5°	34.8	34.7	34.8	34.8	34.7	34.7
79°	32.6	32.5	32.6	32.5	32.5	32.4
79.5°	30.3	30.2	30.3	30.3	30.2	30.1
80°	28.1	28.0	28.1	28.1	28.0	28.0
80.5°	25.9	25.8	25.9	25.9	25.8	25.8
81°	23.8	23.8	23.8	23.8	23.7	23.7
81.5°	21.8	21.7	21.8	21.7	21.6	21.6
82°	19.8	19.7	19.8	19.7	19.6	19.6
82.5°	17.8	17.8	17.8	17.7	17.6	17.6
83°	15.9	15.9	15.9	15.8	15.7	15.7
83.5°	14.1	14.2	14.1	14.0	13.9	13.8
84°	12.5	12.5	12.5	12.3	12.1	12.1
84.5°	10.9	10.9	10.9	10.7	10.5	10.4
85°	9.3	9.3	9.3	9.1	9.0	8.8
85.5°	7.9	7.8	7.9	7.7	7.5	7.5
86°	6.5	6.4	6.5	6.3	6.2	6.2
86.5°	5.4	5.3	5.4	5.2	5.0	5.0
87°	4.4	4.2	4.4	4.2	4.0	3.8
87.5°	3.5	3.4	3.5	3.3	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	1.6	1.5

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Scaled Data Report



TEST NUMBER: P997150
CATALOG NUMBER: SMX4RLSFS010-800LM-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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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°	267.5	267.4	267.8	267.6	267.5	267.6	267.8	267.4	267.5	267.4	267.8
22°	266.2	266.2	266.5	266.5	266.3	266.5	266.5	266.2	266.2	266.2	266.5



44°	195.6	195.5	195.7	195.7	195.5	195.7	195.7	195.5	195.6	195.5	195.7
44.5°	193.7	193.5	193.8	193.7	193.5	193.7	193.8	193.5	193.7	193.5	193.8



66.5°	93.7	93.6	93.8	93.7	93.6	93.7	93.8	93.6	93.7	93.6	93.8
67°	91.1	91.2	91.3	91.2	91.1	91.2	91.3	91.2	91.1	91.2	91.3



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°	267.6	267.5	267.6	267.8	267.4	267.5
22°	266.5	266.3	266.5	266.5	266.2	266.2

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44°	195.7	195.5	195.7	195.7	195.5	195.6
44.5°	193.7	193.5	193.7	193.8	193.5	193.7

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66.5°	93.7	93.6	93.7	93.8	93.6	93.7
67°	91.2	91.1	91.2	91.3	91.2	91.1

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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)