

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: P997148

Luminaire Tested: **SMX4RLSFS010-800LM-3500K**

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: P997148
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-3500K
Description: 4IN ROUND, 90CRI, 0-10V DIMMING, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 3500K CCT
Ballast/Driver: -

Summary

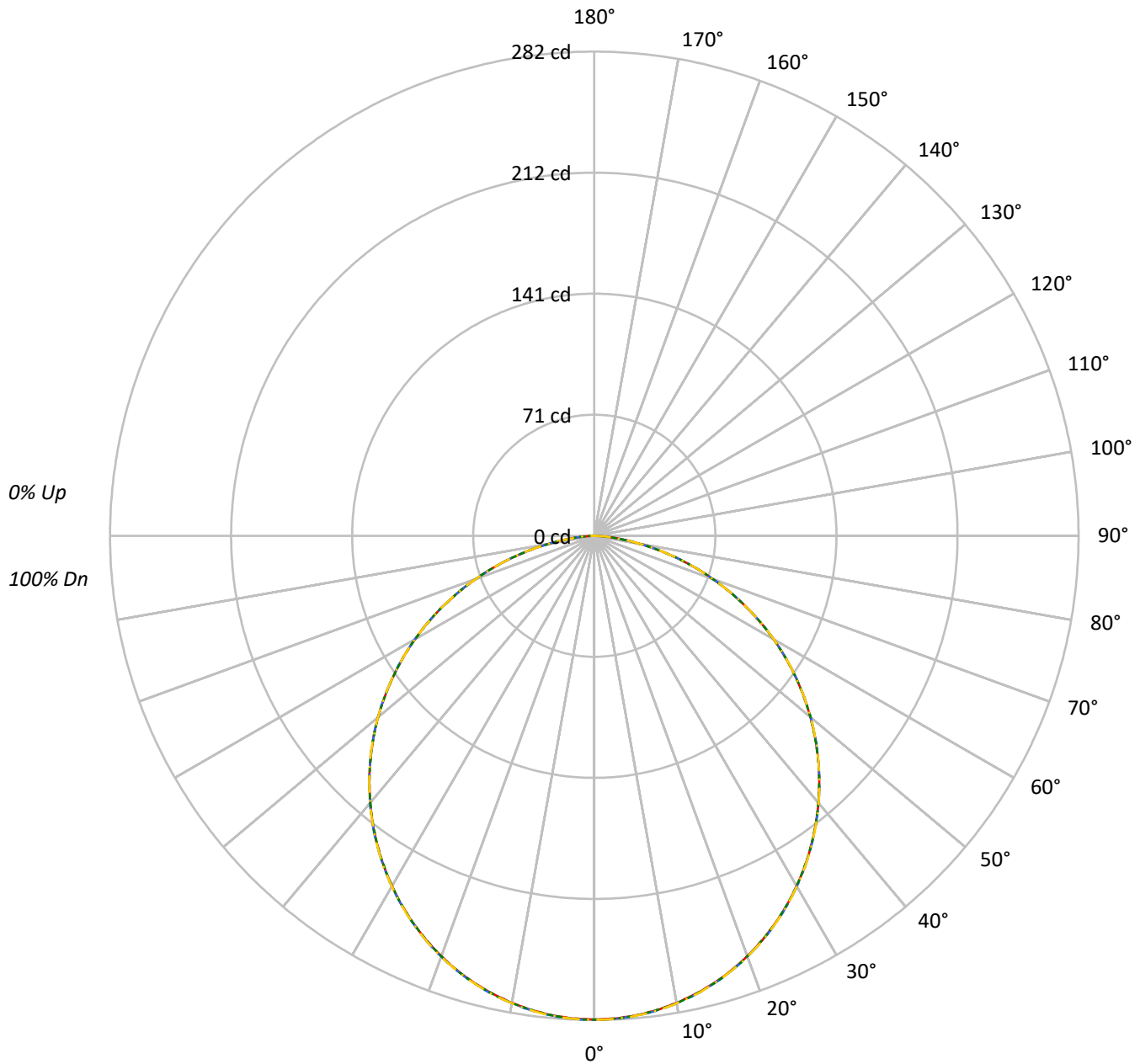
Lumens per Lamp: N/A
Luminaire Lumens: 785.2 lumens
Efficiency: N/A
Efficacy: 95.8 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.24 / 1.36
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

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°	35464	35464	35464	35464
5°	35410	35423	35410	35423
10°	35309	35321	35309	35321
15°	35139	35152	35139	35152
20°	34888	34901	34888	34901
25°	34590	34604	34590	34604
30°	34237	34237	34237	34237
35°	33815	33830	33815	33830
40°	33350	33350	33350	33350
45°	32801	32801	32801	32801
50°	32168	32168	32168	32168
55°	31376	31376	31376	31376
60°	30355	30355	30355	30355
65°	28975	28975	28975	28975
70°	26971	27008	26971	27008
75°	24069	24021	24069	24021
80°	19496	19496	19496	19496
85°	12274	12851	12274	12851



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.6	3.4
10°-20°	76.1	9.7
20°-30°	114.8	14.6
30°-40°	137.7	17.5
40°-50°	142.2	18.1
50°-60°	127.7	16.3
60°-70°	96.1	12.2
70°-80°	52.4	6.7
80°-90°	11.4	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°	217.6	27.7
0°-40°	355.3	45.3
0°-60°	625.2	79.6
0°-90°	785.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	785.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	282	282	282	282	282	
5°	280	280	280	280	280	27
15°	270	270	270	270	270	76
25°	249	249	249	249	249	115
35°	220	220	220	220	220	138
45°	184	184	184	184	184	142
55°	143	143	143	143	143	128
65°	97	97	97	97	97	96
75°	50	49	50	49	50	52
85°	8	9	8	9	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°	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8
0.5°	281.7	281.6	282.0	281.9	281.7	281.9	282.0	281.6	281.7	281.6	282.0
1°	281.5	281.6	281.9	281.9	281.8	281.9	281.9	281.6	281.5	281.6	281.9
1.5°	281.6	281.5	281.9	281.8	281.7	281.8	281.9	281.5	281.6	281.5	281.9
2°	281.4	281.4	281.7	281.7	281.5	281.7	281.7	281.4	281.4	281.4	281.7
2.5°	281.4	281.3	281.6	281.6	281.4	281.6	281.6	281.3	281.4	281.3	281.6
3°	281.2	281.1	281.5	281.4	281.4	281.4	281.5	281.1	281.2	281.1	281.5
3.5°	281.0	281.0	281.3	281.2	281.1	281.2	281.3	281.0	281.0	281.0	281.3
4°	280.8	280.7	281.1	281.1	280.9	281.1	281.1	280.7	280.8	280.7	281.1
4.5°	280.6	280.5	280.9	280.8	280.6	280.8	280.9	280.5	280.6	280.5	280.9
5°	280.3	280.3	280.5	280.5	280.4	280.5	280.5	280.3	280.3	280.3	280.5
5.5°	280.1	279.9	280.3	280.3	280.1	280.3	280.3	279.9	280.1	279.9	280.3
6°	279.7	279.7	280.0	280.0	279.8	280.0	280.0	279.7	279.7	279.7	280.0
6.5°	279.3	279.4	279.7	279.6	279.4	279.6	279.7	279.4	279.3	279.4	279.7
7°	279.0	278.9	279.3	279.3	279.2	279.3	279.3	278.9	279.0	278.9	279.3
7.5°	278.7	278.6	278.9	278.9	278.6	278.9	278.9	278.6	278.7	278.6	278.9
8°	278.2	278.2	278.4	278.5	278.3	278.5	278.4	278.2	278.2	278.2	278.4
8.5°	277.7	277.7	278.1	278.0	277.8	278.0	278.1	277.7	277.7	277.7	278.1
9°	277.3	277.2	277.5	277.5	277.4	277.5	277.5	277.2	277.3	277.2	277.5
9.5°	276.7	276.8	277.1	277.1	276.9	277.1	277.1	276.8	276.7	276.8	277.1
10°	276.3	276.2	276.5	276.5	276.4	276.5	276.5	276.2	276.3	276.2	276.5
10.5°	275.8	275.7	276.0	276.0	275.7	276.0	276.0	275.7	275.8	275.7	276.0
11°	275.0	275.1	275.4	275.4	275.3	275.4	275.4	275.1	275.0	275.1	275.4
11.5°	274.5	274.5	274.8	274.8	274.6	274.8	274.8	274.5	274.5	274.5	274.8
12°	273.9	273.9	274.2	274.2	274.1	274.2	274.2	273.9	273.9	273.9	274.2
12.5°	273.2	273.2	273.5	273.5	273.3	273.5	273.5	273.2	273.2	273.2	273.5
13°	272.6	272.6	272.9	272.8	272.7	272.8	272.9	272.6	272.6	272.6	272.9
13.5°	271.9	271.8	272.2	272.1	272.0	272.1	272.2	271.8	271.9	271.8	272.2
14°	271.1	271.1	271.4	271.4	271.3	271.4	271.4	271.1	271.1	271.1	271.4
14.5°	270.4	270.4	270.7	270.7	270.5	270.7	270.7	270.4	270.4	270.4	270.7
15°	269.7	269.6	269.9	269.8	269.8	269.8	269.9	269.6	269.7	269.6	269.9
15.5°	268.8	268.8	269.1	269.1	268.8	269.1	269.1	268.8	268.8	268.8	269.1
16°	268.0	268.0	268.3	268.2	268.2	268.2	268.3	268.0	268.0	268.0	268.3
16.5°	267.2	267.1	267.4	267.4	267.2	267.4	267.4	267.1	267.2	267.1	267.4
17°	266.3	266.2	266.5	266.5	266.4	266.5	266.5	266.2	266.3	266.2	266.5
17.5°	265.4	265.3	265.7	265.6	265.4	265.6	265.7	265.3	265.4	265.3	265.7
18°	264.5	264.4	264.7	264.7	264.6	264.7	264.7	264.4	264.5	264.4	264.7
18.5°	263.6	263.5	263.8	263.7	263.5	263.7	263.8	263.5	263.6	263.5	263.8
19°	262.5	262.5	262.8	262.7	262.7	262.7	262.8	262.5	262.5	262.5	262.8
19.5°	261.6	261.5	261.9	261.8	261.5	261.8	261.9	261.5	261.6	261.5	261.9
20°	260.5	260.5	260.7	260.7	260.6	260.7	260.7	260.5	260.5	260.5	260.7
20.5°	259.5	259.5	259.8	259.7	259.5	259.7	259.8	259.5	259.5	259.5	259.8
21°	258.4	258.4	258.7	258.6	258.5	258.6	258.7	258.4	258.4	258.4	258.7

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
22.5°	255.2	255.0	255.4	255.3	255.0	255.3	255.4	255.0	255.2	255.0	255.4
23°	253.9	253.9	254.2	254.1	254.0	254.1	254.2	253.9	253.9	253.9	254.2
23.5°	252.8	252.7	253.1	253.0	252.7	253.0	253.1	252.7	252.8	252.7	253.1
24°	251.5	251.5	251.8	251.8	251.7	251.8	251.8	251.5	251.5	251.5	251.8
24.5°	250.4	250.3	250.6	250.6	250.3	250.6	250.6	250.3	250.4	250.3	250.6
25°	249.1	249.1	249.3	249.3	249.2	249.3	249.3	249.1	249.1	249.1	249.3
25.5°	247.9	247.8	248.1	248.0	247.9	248.0	248.1	247.8	247.9	247.8	248.1
26°	246.6	246.5	246.8	246.7	246.6	246.7	246.8	246.5	246.6	246.5	246.8
26.5°	245.3	245.2	245.6	245.4	245.2	245.4	245.6	245.2	245.3	245.2	245.6
27°	243.9	243.9	244.1	244.1	244.0	244.1	244.1	243.9	243.9	243.9	244.1
27.5°	242.7	242.5	242.9	242.8	242.5	242.8	242.9	242.5	242.7	242.5	242.9
28°	241.3	241.2	241.4	241.4	241.3	241.4	241.4	241.2	241.3	241.2	241.4
28.5°	239.9	239.8	240.1	240.0	239.8	240.0	240.1	239.8	239.9	239.8	240.1
29°	238.4	238.4	238.7	238.6	238.5	238.6	238.7	238.4	238.4	238.4	238.7
29.5°	237.1	237.0	237.3	237.2	237.0	237.2	237.3	237.0	237.1	237.0	237.3
30°	235.6	235.6	235.8	235.7	235.6	235.7	235.8	235.6	235.6	235.6	235.8
30.5°	234.1	234.0	234.4	234.3	234.1	234.3	234.4	234.0	234.1	234.0	234.4
31°	232.6	232.6	232.9	232.8	232.6	232.8	232.9	232.6	232.6	232.6	232.9
31.5°	231.2	231.1	231.4	231.3	231.1	231.3	231.4	231.1	231.2	231.1	231.4
32°	229.6	229.6	229.8	229.8	229.6	229.8	229.8	229.6	229.6	229.6	229.8
32.5°	228.2	228.0	228.4	228.3	228.0	228.3	228.4	228.0	228.2	228.0	228.4
33°	226.6	226.5	226.8	226.7	226.6	226.7	226.8	226.5	226.6	226.5	226.8
33.5°	225.0	224.9	225.2	225.1	224.9	225.1	225.2	224.9	225.0	224.9	225.2
34°	223.4	223.4	223.6	223.6	223.4	223.6	223.6	223.4	223.4	223.4	223.6
34.5°	221.8	221.7	222.0	221.9	221.7	221.9	222.0	221.7	221.8	221.7	222.0
35°	220.1	220.1	220.4	220.3	220.2	220.3	220.4	220.1	220.1	220.1	220.4
35.5°	218.6	218.5	218.7	218.7	218.5	218.7	218.7	218.5	218.6	218.5	218.7
36°	216.9	216.8	217.0	217.0	216.9	217.0	217.0	216.8	216.9	216.8	217.0
36.5°	215.2	215.1	215.5	215.3	215.1	215.3	215.5	215.1	215.2	215.1	215.5
37°	213.5	213.4	213.7	213.6	213.5	213.6	213.7	213.4	213.5	213.4	213.7
37.5°	211.9	211.7	212.0	211.9	211.7	211.9	212.0	211.7	211.9	211.7	212.0
38°	210.0	210.0	210.2	210.2	210.1	210.2	210.2	210.0	210.0	210.0	210.2
38.5°	208.4	208.2	208.6	208.4	208.2	208.4	208.6	208.2	208.4	208.2	208.6
39°	206.6	206.5	206.7	206.7	206.6	206.7	206.7	206.5	206.6	206.5	206.7
39.5°	204.8	204.7	205.0	205.0	204.7	205.0	205.0	204.7	204.8	204.7	205.0
40°	203.0	202.9	203.2	203.1	203.0	203.1	203.2	202.9	203.0	202.9	203.2
40.5°	201.3	201.1	201.4	201.3	201.1	201.3	201.4	201.1	201.3	201.1	201.4
41°	199.3	199.3	199.5	199.5	199.3	199.5	199.5	199.3	199.3	199.3	199.5
41.5°	197.6	197.5	197.8	197.7	197.5	197.7	197.8	197.5	197.6	197.5	197.8
42°	195.7	195.7	195.9	195.8	195.7	195.8	195.9	195.7	195.7	195.7	195.9
42.5°	193.9	193.8	194.1	194.0	193.8	194.0	194.1	193.8	193.9	193.8	194.1
43°	192.0	191.9	192.2	192.1	192.0	192.1	192.2	191.9	192.0	191.9	192.2
43.5°	190.1	190.0	190.3	190.2	190.0	190.2	190.3	190.0	190.1	190.0	190.3

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	184.3	184.3	184.5	184.4	184.3	184.4	184.5	184.3	184.3	184.3	184.5
45.5°	182.4	182.3	182.6	182.5	182.3	182.5	182.6	182.3	182.4	182.3	182.6
46°	180.4	180.4	180.6	180.5	180.4	180.5	180.6	180.4	180.4	180.4	180.6
46.5°	178.4	178.4	178.6	178.5	178.3	178.5	178.6	178.4	178.4	178.4	178.6
47°	176.4	176.4	176.6	176.5	176.5	176.5	176.6	176.4	176.4	176.4	176.6
47.5°	174.5	174.4	174.6	174.5	174.3	174.5	174.6	174.4	174.5	174.4	174.6
48°	172.5	172.4	172.6	172.5	172.4	172.5	172.6	172.4	172.5	172.4	172.6
48.5°	170.5	170.4	170.6	170.5	170.3	170.5	170.6	170.4	170.5	170.4	170.6
49°	168.4	168.3	168.5	168.5	168.4	168.5	168.5	168.3	168.4	168.3	168.5
49.5°	166.3	166.3	166.5	166.4	166.2	166.4	166.5	166.3	166.3	166.3	166.5
50°	164.3	164.2	164.4	164.3	164.3	164.3	164.4	164.2	164.3	164.2	164.4
50.5°	162.2	162.1	162.3	162.3	162.1	162.3	162.3	162.1	162.2	162.1	162.3
51°	160.1	160.1	160.2	160.1	160.1	160.1	160.2	160.1	160.1	160.1	160.2
51.5°	158.1	158.0	158.2	158.1	157.9	158.1	158.2	158.0	158.1	158.0	158.2
52°	155.9	155.9	156.0	156.0	155.9	156.0	156.0	155.9	155.9	155.9	156.0
52.5°	153.8	153.7	153.9	153.8	153.7	153.8	153.9	153.7	153.8	153.7	153.9
53°	151.7	151.6	151.7	151.7	151.6	151.7	151.7	151.6	151.7	151.6	151.7
53.5°	149.5	149.5	149.6	149.6	149.4	149.6	149.6	149.5	149.5	149.5	149.6
54°	147.3	147.3	147.4	147.4	147.3	147.4	147.4	147.3	147.3	147.3	147.4
54.5°	145.2	145.1	145.3	145.2	145.1	145.2	145.3	145.1	145.2	145.1	145.3
55°	143.0	142.9	143.1	143.1	143.0	143.1	143.1	142.9	143.0	142.9	143.1
55.5°	140.8	140.8	140.9	140.9	140.7	140.9	140.9	140.8	140.8	140.8	140.9
56°	138.6	138.6	138.7	138.6	138.6	138.6	138.7	138.6	138.6	138.6	138.7
56.5°	136.4	136.4	136.6	136.4	136.3	136.4	136.6	136.4	136.4	136.4	136.6
57°	134.1	134.1	134.2	134.2	134.1	134.2	134.2	134.1	134.1	134.1	134.2
57.5°	131.9	131.9	132.0	132.0	131.9	132.0	132.0	131.9	131.9	131.9	132.0
58°	129.7	129.6	129.8	129.7	129.6	129.7	129.8	129.6	129.7	129.6	129.8
58.5°	127.5	127.4	127.6	127.5	127.3	127.5	127.6	127.4	127.5	127.4	127.6
59°	125.1	125.1	125.2	125.2	125.1	125.2	125.2	125.1	125.1	125.1	125.2
59.5°	122.9	122.9	123.0	122.9	122.8	122.9	123.0	122.9	122.9	122.9	123.0
60°	120.6	120.5	120.7	120.6	120.6	120.6	120.7	120.5	120.6	120.5	120.7
60.5°	118.3	118.3	118.4	118.4	118.2	118.4	118.4	118.3	118.3	118.3	118.4
61°	116.0	116.0	116.1	116.0	115.9	116.0	116.1	116.0	116.0	116.0	116.1
61.5°	113.8	113.7	113.8	113.7	113.6	113.7	113.8	113.7	113.8	113.7	113.8
62°	111.4	111.3	111.4	111.4	111.4	111.4	111.4	111.3	111.4	111.3	111.4
62.5°	109.0	109.0	109.1	109.1	109.0	109.1	109.1	109.0	109.0	109.0	109.1
63°	106.7	106.7	106.8	106.7	106.6	106.7	106.8	106.7	106.7	106.7	106.8
63.5°	104.4	104.3	104.4	104.4	104.3	104.4	104.4	104.3	104.4	104.3	104.4
64°	102.0	102.0	102.0	102.0	101.9	102.0	102.0	102.0	102.0	102.0	102.0
64.5°	99.6	99.6	99.7	99.7	99.6	99.7	99.7	99.6	99.6	99.6	99.7
65°	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
65.5°	94.9	94.9	95.0	94.9	94.8	94.9	95.0	94.9	94.9	94.9	95.0
66°	92.5	92.5	92.6	92.5	92.5	92.5	92.6	92.5	92.5	92.5	92.6

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997148

CATALOG NUMBER: SMX4RLSFS010-800LM-3500K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	85.4	85.4	85.4	85.4	85.3	85.4	85.4	85.4	85.4	85.4	85.4
68°	83.0	82.9	83.0	83.0	82.9	83.0	83.0	82.9	83.0	82.9	83.0
68.5°	80.6	80.5	80.6	80.6	80.5	80.6	80.6	80.5	80.6	80.5	80.6
69°	78.1	78.2	78.2	78.2	78.1	78.2	78.2	78.2	78.1	78.2	78.2
69.5°	75.8	75.7	75.8	75.8	75.7	75.8	75.8	75.7	75.8	75.7	75.8
70°	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.3	73.3	73.3	73.4
70.5°	71.0	70.9	71.0	71.0	70.9	71.0	71.0	70.9	71.0	70.9	71.0
71°	68.6	68.5	68.6	68.6	68.6	68.6	68.6	68.5	68.6	68.5	68.6
71.5°	66.1	66.1	66.2	66.2	66.1	66.2	66.2	66.1	66.1	66.1	66.2
72°	63.8	63.7	63.8	63.8	63.8	63.8	63.8	63.7	63.8	63.7	63.8
72.5°	61.3	61.3	61.4	61.4	61.3	61.4	61.4	61.3	61.3	61.3	61.4
73°	59.0	59.0	59.0	59.0	58.9	59.0	59.0	59.0	59.0	59.0	59.0
73.5°	56.6	56.6	56.6	56.6	56.5	56.6	56.6	56.6	56.6	56.6	56.6
74°	54.2	54.2	54.3	54.2	54.2	54.2	54.3	54.2	54.2	54.2	54.3
74.5°	51.8	51.8	51.9	51.9	51.8	51.9	51.9	51.8	51.8	51.8	51.9
75°	49.5	49.5	49.5	49.5	49.4	49.5	49.5	49.5	49.5	49.5	49.5
75.5°	47.1	47.1	47.2	47.2	47.1	47.2	47.2	47.1	47.1	47.1	47.2
76°	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
76.5°	42.4	42.4	42.5	42.5	42.5	42.5	42.5	42.4	42.4	42.4	42.5
77°	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
77.5°	37.9	37.9	38.0	38.0	37.9	38.0	38.0	37.9	37.9	37.9	38.0
78°	35.6	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.6	35.7	35.7
78.5°	33.4	33.4	33.4	33.5	33.4	33.5	33.4	33.4	33.4	33.4	33.4
79°	31.2	31.3	31.3	31.3	31.2	31.3	31.3	31.3	31.2	31.3	31.3
79.5°	29.0	29.1	29.1	29.2	29.1	29.2	29.1	29.1	29.0	29.1	29.1
80°	26.9	26.9	27.0	27.1	26.9	27.1	27.0	26.9	26.9	26.9	27.0
80.5°	24.8	24.9	24.9	25.0	24.9	25.0	24.9	24.9	24.8	24.9	24.9
81°	22.8	22.8	22.9	22.9	22.9	22.9	22.9	22.8	22.8	22.8	22.9
81.5°	20.7	20.8	20.9	21.0	20.9	21.0	20.9	20.8	20.7	20.8	20.9
82°	18.8	18.9	19.0	19.0	19.0	19.0	19.0	18.9	18.8	18.9	19.0
82.5°	16.9	17.0	17.1	17.2	17.1	17.2	17.1	17.0	16.9	17.0	17.1
83°	15.1	15.1	15.2	15.3	15.3	15.3	15.2	15.1	15.1	15.1	15.2
83.5°	13.3	13.3	13.5	13.6	13.6	13.6	13.5	13.3	13.3	13.3	13.5
84°	11.6	11.7	11.8	12.0	12.0	12.0	11.8	11.7	11.6	11.7	11.8
84.5°	10.0	10.1	10.3	10.4	10.5	10.4	10.3	10.1	10.0	10.1	10.3
85°	8.5	8.7	8.8	9.0	8.9	9.0	8.8	8.7	8.5	8.7	8.8
85.5°	7.2	7.2	7.4	7.6	7.5	7.6	7.4	7.2	7.2	7.2	7.4
86°	6.0	6.0	6.0	6.2	6.2	6.2	6.0	6.0	6.0	6.0	6.0
86.5°	4.8	4.8	5.0	5.2	5.1	5.2	5.0	4.8	4.8	4.8	5.0
87°	3.7	3.8	4.0	4.2	4.1	4.2	4.0	3.8	3.7	3.8	4.0
87.5°	2.8	2.9	3.2	3.4	3.2	3.4	3.2	2.9	2.8	2.9	3.2
88°	2.1	2.1	2.3	2.6	2.5	2.6	2.3	2.1	2.1	2.1	2.3
88.5°	1.4	1.5	1.7	2.0	1.9	2.0	1.7	1.5	1.4	1.5	1.7

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

Scaled Data Report



TEST NUMBER: P997148
CATALOG NUMBER: SMX4RLSFS010-800LM-3500K

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: P997148

CATALOG NUMBER: SMX4RLSFS010-800LM-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	281.8	281.8	281.8	281.8	281.8	281.8
0.5°	281.9	281.7	281.9	282.0	281.6	281.7
1°	281.9	281.8	281.9	281.9	281.6	281.5
1.5°	281.8	281.7	281.8	281.9	281.5	281.6
2°	281.7	281.5	281.7	281.7	281.4	281.4
2.5°	281.6	281.4	281.6	281.6	281.3	281.4
3°	281.4	281.4	281.4	281.5	281.1	281.2
3.5°	281.2	281.1	281.2	281.3	281.0	281.0
4°	281.1	280.9	281.1	281.1	280.7	280.8
4.5°	280.8	280.6	280.8	280.9	280.5	280.6
5°	280.5	280.4	280.5	280.5	280.3	280.3
5.5°	280.3	280.1	280.3	280.3	279.9	280.1
6°	280.0	279.8	280.0	280.0	279.7	279.7
6.5°	279.6	279.4	279.6	279.7	279.4	279.3
7°	279.3	279.2	279.3	279.3	278.9	279.0
7.5°	278.9	278.6	278.9	278.9	278.6	278.7
8°	278.5	278.3	278.5	278.4	278.2	278.2
8.5°	278.0	277.8	278.0	278.1	277.7	277.7
9°	277.5	277.4	277.5	277.5	277.2	277.3
9.5°	277.1	276.9	277.1	277.1	276.8	276.7
10°	276.5	276.4	276.5	276.5	276.2	276.3
10.5°	276.0	275.7	276.0	276.0	275.7	275.8
11°	275.4	275.3	275.4	275.4	275.1	275.0
11.5°	274.8	274.6	274.8	274.8	274.5	274.5
12°	274.2	274.1	274.2	274.2	273.9	273.9
12.5°	273.5	273.3	273.5	273.5	273.2	273.2
13°	272.8	272.7	272.8	272.9	272.6	272.6
13.5°	272.1	272.0	272.1	272.2	271.8	271.9
14°	271.4	271.3	271.4	271.4	271.1	271.1
14.5°	270.7	270.5	270.7	270.7	270.4	270.4
15°	269.8	269.8	269.8	269.9	269.6	269.7
15.5°	269.1	268.8	269.1	269.1	268.8	268.8
16°	268.2	268.2	268.2	268.3	268.0	268.0
16.5°	267.4	267.2	267.4	267.4	267.1	267.2
17°	266.5	266.4	266.5	266.5	266.2	266.3
17.5°	265.6	265.4	265.6	265.7	265.3	265.4
18°	264.7	264.6	264.7	264.7	264.4	264.5
18.5°	263.7	263.5	263.7	263.8	263.5	263.6
19°	262.7	262.7	262.7	262.8	262.5	262.5
19.5°	261.8	261.5	261.8	261.9	261.5	261.6
20°	260.7	260.6	260.7	260.7	260.5	260.5
20.5°	259.7	259.5	259.7	259.8	259.5	259.5
21°	258.6	258.5	258.6	258.7	258.4	258.4

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997148

CATALOG NUMBER: SMX4RLSFS010-800LM-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	255.3	255.0	255.3	255.4	255.0	255.2
23°	254.1	254.0	254.1	254.2	253.9	253.9
23.5°	253.0	252.7	253.0	253.1	252.7	252.8
24°	251.8	251.7	251.8	251.8	251.5	251.5
24.5°	250.6	250.3	250.6	250.6	250.3	250.4
25°	249.3	249.2	249.3	249.3	249.1	249.1
25.5°	248.0	247.9	248.0	248.1	247.8	247.9
26°	246.7	246.6	246.7	246.8	246.5	246.6
26.5°	245.4	245.2	245.4	245.6	245.2	245.3
27°	244.1	244.0	244.1	244.1	243.9	243.9
27.5°	242.8	242.5	242.8	242.9	242.5	242.7
28°	241.4	241.3	241.4	241.4	241.2	241.3
28.5°	240.0	239.8	240.0	240.1	239.8	239.9
29°	238.6	238.5	238.6	238.7	238.4	238.4
29.5°	237.2	237.0	237.2	237.3	237.0	237.1
30°	235.7	235.6	235.7	235.8	235.6	235.6
30.5°	234.3	234.1	234.3	234.4	234.0	234.1
31°	232.8	232.6	232.8	232.9	232.6	232.6
31.5°	231.3	231.1	231.3	231.4	231.1	231.2
32°	229.8	229.6	229.8	229.8	229.6	229.6
32.5°	228.3	228.0	228.3	228.4	228.0	228.2
33°	226.7	226.6	226.7	226.8	226.5	226.6
33.5°	225.1	224.9	225.1	225.2	224.9	225.0
34°	223.6	223.4	223.6	223.6	223.4	223.4
34.5°	221.9	221.7	221.9	222.0	221.7	221.8
35°	220.3	220.2	220.3	220.4	220.1	220.1
35.5°	218.7	218.5	218.7	218.7	218.5	218.6
36°	217.0	216.9	217.0	217.0	216.8	216.9
36.5°	215.3	215.1	215.3	215.5	215.1	215.2
37°	213.6	213.5	213.6	213.7	213.4	213.5
37.5°	211.9	211.7	211.9	212.0	211.7	211.9
38°	210.2	210.1	210.2	210.2	210.0	210.0
38.5°	208.4	208.2	208.4	208.6	208.2	208.4
39°	206.7	206.6	206.7	206.7	206.5	206.6
39.5°	205.0	204.7	205.0	205.0	204.7	204.8
40°	203.1	203.0	203.1	203.2	202.9	203.0
40.5°	201.3	201.1	201.3	201.4	201.1	201.3
41°	199.5	199.3	199.5	199.5	199.3	199.3
41.5°	197.7	197.5	197.7	197.8	197.5	197.6
42°	195.8	195.7	195.8	195.9	195.7	195.7
42.5°	194.0	193.8	194.0	194.1	193.8	193.9
43°	192.1	192.0	192.1	192.2	191.9	192.0
43.5°	190.2	190.0	190.2	190.3	190.0	190.1

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997148

CATALOG NUMBER: SMX4RLSFS010-800LM-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	184.4	184.3	184.4	184.5	184.3	184.3
45.5°	182.5	182.3	182.5	182.6	182.3	182.4
46°	180.5	180.4	180.5	180.6	180.4	180.4
46.5°	178.5	178.3	178.5	178.6	178.4	178.4
47°	176.5	176.5	176.5	176.6	176.4	176.4
47.5°	174.5	174.3	174.5	174.6	174.4	174.5
48°	172.5	172.4	172.5	172.6	172.4	172.5
48.5°	170.5	170.3	170.5	170.6	170.4	170.5
49°	168.5	168.4	168.5	168.5	168.3	168.4
49.5°	166.4	166.2	166.4	166.5	166.3	166.3
50°	164.3	164.3	164.3	164.4	164.2	164.3
50.5°	162.3	162.1	162.3	162.3	162.1	162.2
51°	160.1	160.1	160.1	160.2	160.1	160.1
51.5°	158.1	157.9	158.1	158.2	158.0	158.1
52°	156.0	155.9	156.0	156.0	155.9	155.9
52.5°	153.8	153.7	153.8	153.9	153.7	153.8
53°	151.7	151.6	151.7	151.7	151.6	151.7
53.5°	149.6	149.4	149.6	149.6	149.5	149.5
54°	147.4	147.3	147.4	147.4	147.3	147.3
54.5°	145.2	145.1	145.2	145.3	145.1	145.2
55°	143.1	143.0	143.1	143.1	142.9	143.0
55.5°	140.9	140.7	140.9	140.9	140.8	140.8
56°	138.6	138.6	138.6	138.7	138.6	138.6
56.5°	136.4	136.3	136.4	136.6	136.4	136.4
57°	134.2	134.1	134.2	134.2	134.1	134.1
57.5°	132.0	131.9	132.0	132.0	131.9	131.9
58°	129.7	129.6	129.7	129.8	129.6	129.7
58.5°	127.5	127.3	127.5	127.6	127.4	127.5
59°	125.2	125.1	125.2	125.2	125.1	125.1
59.5°	122.9	122.8	122.9	123.0	122.9	122.9
60°	120.6	120.6	120.6	120.7	120.5	120.6
60.5°	118.4	118.2	118.4	118.4	118.3	118.3
61°	116.0	115.9	116.0	116.1	116.0	116.0
61.5°	113.7	113.6	113.7	113.8	113.7	113.8
62°	111.4	111.4	111.4	111.4	111.3	111.4
62.5°	109.1	109.0	109.1	109.1	109.0	109.0
63°	106.7	106.6	106.7	106.8	106.7	106.7
63.5°	104.4	104.3	104.4	104.4	104.3	104.4
64°	102.0	101.9	102.0	102.0	102.0	102.0
64.5°	99.7	99.6	99.7	99.7	99.6	99.6
65°	97.3	97.3	97.3	97.3	97.3	97.3
65.5°	94.9	94.8	94.9	95.0	94.9	94.9
66°	92.5	92.5	92.5	92.6	92.5	92.5

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997148

CATALOG NUMBER: SMX4RLSFS010-800LM-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	85.4	85.3	85.4	85.4	85.4	85.4
68°	83.0	82.9	83.0	83.0	82.9	83.0
68.5°	80.6	80.5	80.6	80.6	80.5	80.6
69°	78.2	78.1	78.2	78.2	78.2	78.1
69.5°	75.8	75.7	75.8	75.8	75.7	75.8
70°	73.4	73.4	73.4	73.4	73.3	73.3
70.5°	71.0	70.9	71.0	71.0	70.9	71.0
71°	68.6	68.6	68.6	68.6	68.5	68.6
71.5°	66.2	66.1	66.2	66.2	66.1	66.1
72°	63.8	63.8	63.8	63.8	63.7	63.8
72.5°	61.4	61.3	61.4	61.4	61.3	61.3
73°	59.0	58.9	59.0	59.0	59.0	59.0
73.5°	56.6	56.5	56.6	56.6	56.6	56.6
74°	54.2	54.2	54.2	54.3	54.2	54.2
74.5°	51.9	51.8	51.9	51.9	51.8	51.8
75°	49.5	49.4	49.5	49.5	49.5	49.5
75.5°	47.2	47.1	47.2	47.2	47.1	47.1
76°	44.8	44.8	44.8	44.8	44.8	44.8
76.5°	42.5	42.5	42.5	42.5	42.4	42.4
77°	40.2	40.2	40.2	40.2	40.2	40.2
77.5°	38.0	37.9	38.0	38.0	37.9	37.9
78°	35.7	35.7	35.7	35.7	35.7	35.6
78.5°	33.5	33.4	33.5	33.4	33.4	33.4
79°	31.3	31.2	31.3	31.3	31.3	31.2
79.5°	29.2	29.1	29.2	29.1	29.1	29.0
80°	27.1	26.9	27.1	27.0	26.9	26.9
80.5°	25.0	24.9	25.0	24.9	24.9	24.8
81°	22.9	22.9	22.9	22.9	22.8	22.8
81.5°	21.0	20.9	21.0	20.9	20.8	20.7
82°	19.0	19.0	19.0	19.0	18.9	18.8
82.5°	17.2	17.1	17.2	17.1	17.0	16.9
83°	15.3	15.3	15.3	15.2	15.1	15.1
83.5°	13.6	13.6	13.6	13.5	13.3	13.3
84°	12.0	12.0	12.0	11.8	11.7	11.6
84.5°	10.4	10.5	10.4	10.3	10.1	10.0
85°	9.0	8.9	9.0	8.8	8.7	8.5
85.5°	7.6	7.5	7.6	7.4	7.2	7.2
86°	6.2	6.2	6.2	6.0	6.0	6.0
86.5°	5.2	5.1	5.2	5.0	4.8	4.8
87°	4.2	4.1	4.2	4.0	3.8	3.7
87.5°	3.4	3.2	3.4	3.2	2.9	2.8
88°	2.6	2.5	2.6	2.3	2.1	2.1
88.5°	2.0	1.9	2.0	1.7	1.5	1.4

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Scaled Data Report



TEST NUMBER: P997148
CATALOG NUMBER: SMX4RLSFS010-800LM-3500K

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°	257.4	257.3	257.7	257.5	257.4	257.5	257.7	257.3	257.4	257.3	257.7
22°	256.1	256.2	256.5	256.4	256.3	256.4	256.5	256.2	256.1	256.2	256.5



44°	188.2	188.1	188.3	188.3	188.2	188.3	188.3	188.1	188.2	188.1	188.3
44.5°	186.3	186.2	186.4	186.4	186.2	186.4	186.4	186.2	186.3	186.2	186.4



66.5°	90.1	90.1	90.2	90.2	90.0	90.2	90.2	90.1	90.1	90.1	90.2
67°	87.7	87.7	87.8	87.8	87.7	87.8	87.8	87.7	87.7	87.7	87.8



89°	0.9	1.1	1.3	1.5	1.5	1.5	1.3	1.1	0.9	1.1	1.3
89.5°	0.6	0.7	0.9	1.1	1.2	1.1	0.9	0.7	0.6	0.7	0.9

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21.5°	257.5	257.4	257.5	257.7	257.3	257.4
22°	256.4	256.3	256.4	256.5	256.2	256.1

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44°	188.3	188.2	188.3	188.3	188.1	188.2
44.5°	186.4	186.2	186.4	186.4	186.2	186.3

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66.5°	90.2	90.0	90.2	90.2	90.1	90.1
67°	87.8	87.7	87.8	87.8	87.7	87.7

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89°	1.5	1.5	1.5	1.3	1.1	0.9
89.5°	1.1	1.2	1.1	0.9	0.7	0.6

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(END OF REPORT)