

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: P997231

Luminaire Tested: **SMX8RLSFS010-1500LM-2700K**

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: P997231
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (A2410770A001)
Test Lab:
Issue Date: 3/11/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: HALO
Catalog Number: SMX8RLSFS010-1500LM-2700K
Description: 8IN ROUND, 90CRI, 0-10V DIMMING, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 2700K CCT
Ballast/Driver: -

Summary

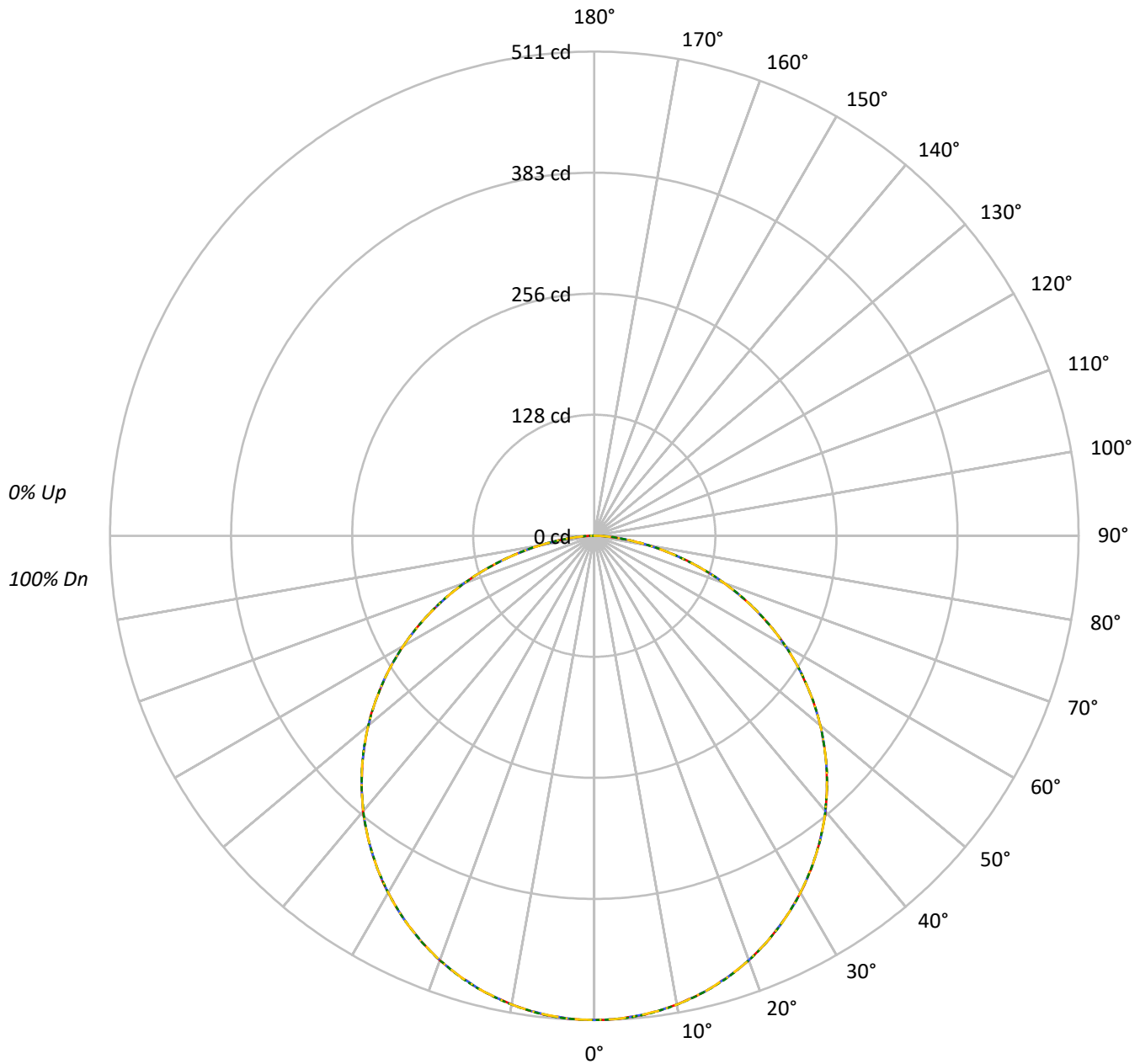
Lumens per Lamp: N/A
Luminaire Lumens: 1487.0 lumens
Efficiency: N/A
Efficacy: 95.3 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.26 / 1.39
Luminous Opening: Circular (Dia: 0.67' x H: 0')
CIE Type: Direct

Input Watts (W): 15.6
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Luminous Intensity Polar Plot



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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	99	96	106	102	98	94	97	94	91	93	91	88	90	88	86	83		
2	99	90	83	78	96	88	82	77	85	79	75	82	77	73	78	75	71	69		
3	90	79	71	64	87	78	70	64	75	68	63	72	66	61	69	64	60	58		
4	82	70	61	54	80	69	60	54	66	59	53	64	57	52	62	56	52	49		
5	75	62	53	47	73	61	53	46	59	52	46	57	51	45	55	49	45	43		
6	70	56	47	41	68	55	47	40	53	46	40	52	45	40	50	44	39	37		
7	65	51	42	36	63	50	42	36	48	41	35	47	40	35	46	40	35	33		
8	60	46	38	32	58	46	37	32	44	37	32	43	36	31	42	36	31	29		
9	56	43	34	29	55	42	34	29	41	34	28	40	33	28	39	33	28	26		
10	53	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	26	24		

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	15604	15604	15604	15604
5°	15593	15599	15593	15599
10°	15575	15572	15575	15572
15°	15541	15541	15541	15541
20°	15491	15494	15491	15494
25°	15408	15418	15408	15418
30°	15332	15335	15332	15335
35°	15236	15225	15236	15225
40°	15129	15113	15129	15113
45°	14952	14969	14952	14969
50°	14776	14781	14776	14781
55°	14537	14547	14537	14547
60°	14209	14227	14209	14227
65°	13719	13762	13719	13762
70°	13006	13015	13006	13015
75°	11879	11914	11879	11914
80°	10145	10215	10145	10215
85°	7636	8057	7636	8057

Classified

Scaled Data Report

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997231

CATALOG NUMBER: SMX8RLSFS010-1500LM-2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	48.4	3.3
10°-20°	138.7	9.3
20°-30°	210.9	14.2
30°-40°	255.7	17.2
40°-50°	267.3	18.0
50°-60°	244.1	16.4
60°-70°	187.9	12.6
70°-80°	106.6	7.2
80°-90°	27.4	1.8
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°	398.0	26.8
0°-40°	653.7	44.0
0°-60°	1165.0	78.4
0°-90°	1487.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1487.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	511	511	511	511	511	
5°	509	509	509	509	509	48
15°	492	492	492	492	492	139
25°	457	458	457	458	457	211
35°	409	408	409	408	409	256
45°	346	347	346	347	346	267
55°	273	273	273	273	273	244
65°	190	190	190	190	190	188
75°	101	101	101	101	101	106
85°	22	23	22	23	22	27
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°	511.1	511.1	511.1	511.1	511.1	511.1	511.1	511.1	511.1	511.1	511.1
0.5°	511.1	511.4	510.9	511.0	510.9	511.0	510.9	511.4	511.1	511.4	510.9
1°	511.1	511.1	510.8	510.9	511.0	510.9	510.8	511.1	511.1	511.1	510.8
1.5°	511.1	511.0	510.8	510.6	510.8	510.6	510.8	511.0	511.1	511.0	510.8
2°	510.8	511.0	510.7	510.4	510.7	510.4	510.7	511.0	510.8	511.0	510.7
2.5°	510.6	510.7	510.6	510.3	510.6	510.3	510.6	510.7	510.6	510.7	510.6
3°	510.4	510.2	510.1	510.3	510.3	510.3	510.1	510.2	510.4	510.2	510.1
3.5°	509.9	510.0	509.9	509.9	510.3	509.9	509.9	510.0	509.9	510.0	509.9
4°	509.4	509.7	509.4	509.8	509.9	509.8	509.4	509.7	509.4	509.7	509.4
4.5°	509.2	509.3	509.0	509.2	509.6	509.2	509.0	509.3	509.2	509.3	509.0
5°	508.8	508.9	508.6	509.0	509.0	509.0	508.6	508.9	508.8	508.9	508.6
5.5°	508.6	508.4	508.2	508.4	508.8	508.4	508.2	508.4	508.6	508.4	508.2
6°	508.3	507.9	507.7	508.0	508.2	508.0	507.7	507.9	508.3	507.9	507.7
6.5°	507.4	507.2	507.2	507.3	507.7	507.3	507.2	507.2	507.4	507.2	507.2
7°	506.6	506.7	506.6	506.9	507.0	506.9	506.6	506.7	506.6	506.7	506.6
7.5°	506.1	506.2	506.2	506.2	506.2	506.2	506.2	506.2	506.1	506.2	506.2
8°	505.6	505.4	505.6	505.5	505.4	505.5	505.6	505.4	505.6	505.4	505.6
8.5°	504.6	504.9	504.7	504.6	504.8	504.6	504.7	504.9	504.6	504.9	504.7
9°	503.9	504.0	504.0	503.8	504.1	503.8	504.0	504.0	503.9	504.0	504.0
9.5°	503.0	503.3	503.0	503.1	503.2	503.1	503.0	503.3	503.0	503.3	503.0
10°	502.4	502.3	502.3	502.3	502.3	502.3	502.3	502.3	502.4	502.3	502.3
10.5°	501.2	501.5	501.5	501.3	501.6	501.3	501.5	501.5	501.2	501.5	501.5
11°	500.2	500.5	500.6	500.4	500.6	500.4	500.6	500.5	500.2	500.5	500.6
11.5°	499.1	499.7	499.5	499.3	499.6	499.3	499.5	499.7	499.1	499.7	499.5
12°	498.5	498.4	498.3	498.6	498.6	498.6	498.3	498.4	498.5	498.4	498.3
12.5°	497.4	497.5	497.3	497.6	497.6	497.6	497.3	497.5	497.4	497.5	497.3
13°	496.3	496.4	496.2	496.5	496.4	496.5	496.2	496.4	496.3	496.4	496.2
13.5°	495.3	495.2	495.3	495.4	495.4	495.4	495.3	495.2	495.3	495.2	495.3
14°	494.0	494.2	494.0	494.2	494.1	494.2	494.0	494.2	494.0	494.2	494.0
14.5°	492.9	492.9	492.9	492.9	493.2	492.9	492.9	492.9	492.9	492.9	492.9
15°	491.7	491.5	491.3	491.7	491.7	491.7	491.3	491.5	491.7	491.5	491.3
15.5°	490.0	490.3	489.9	490.4	490.5	490.4	489.9	490.3	490.0	490.3	489.9
16°	488.5	488.7	488.6	489.1	489.2	489.1	488.6	488.7	488.5	488.7	488.6
16.5°	487.4	487.5	487.4	487.5	487.7	487.5	487.4	487.5	487.4	487.5	487.4
17°	486.0	485.8	486.0	486.0	486.3	486.0	486.0	485.8	486.0	485.8	486.0
17.5°	484.6	484.4	484.4	484.5	484.8	484.5	484.4	484.4	484.6	484.4	484.4
18°	483.0	482.8	482.9	483.0	483.3	483.0	482.9	482.8	483.0	482.8	482.9
18.5°	481.4	481.3	481.5	481.4	481.5	481.4	481.5	481.3	481.4	481.3	481.5
19°	480.0	479.7	480.0	479.9	479.8	479.9	480.0	479.7	480.0	479.7	480.0
19.5°	478.4	478.3	478.4	478.1	478.2	478.1	478.4	478.3	478.4	478.3	478.4
20°	476.8	476.5	476.6	476.6	476.9	476.6	476.6	476.5	476.8	476.5	476.6
20.5°	475.0	474.7	474.9	475.0	475.2	475.0	474.9	474.7	475.0	474.7	474.9
21°	473.1	472.8	473.0	473.4	473.3	473.4	473.0	472.8	473.1	472.8	473.0

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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°	467.5	467.5	467.5	467.5	467.7	467.5	467.5	467.5	467.5	467.5	467.5
23°	465.8	465.3	465.7	465.7	465.7	465.7	465.7	465.3	465.8	465.3	465.7
23.5°	463.8	463.5	463.7	463.8	463.7	463.8	463.7	463.5	463.8	463.5	463.7
24°	461.6	461.4	461.8	461.8	461.7	461.8	461.8	461.4	461.6	461.4	461.8
24.5°	459.5	459.6	459.7	459.7	459.7	459.7	459.7	459.6	459.5	459.6	459.7
25°	457.4	457.3	457.5	457.7	457.7	457.7	457.5	457.3	457.4	457.3	457.5
25.5°	455.6	455.4	455.6	455.6	455.5	455.6	455.6	455.4	455.6	455.4	455.6
26°	453.3	453.1	453.5	453.4	453.4	453.4	453.5	453.1	453.3	453.1	453.5
26.5°	451.1	451.0	451.3	451.2	451.3	451.2	451.3	451.0	451.1	451.0	451.3
27°	448.9	448.8	449.0	448.9	449.0	448.9	449.0	448.8	448.9	448.8	449.0
27.5°	446.8	446.5	446.8	446.7	446.6	446.7	446.8	446.5	446.8	446.5	446.8
28°	444.5	444.0	444.5	444.3	444.3	444.3	444.5	444.0	444.5	444.0	444.5
28.5°	442.1	441.8	442.3	441.9	441.9	441.9	442.3	441.8	442.1	441.8	442.3
29°	439.7	439.6	439.8	439.7	439.9	439.7	439.8	439.6	439.7	439.6	439.8
29.5°	437.4	437.2	437.3	437.2	437.3	437.2	437.3	437.2	437.4	437.2	437.3
30°	434.9	434.7	434.9	434.8	435.0	434.8	434.9	434.7	434.9	434.7	434.9
30.5°	432.6	432.2	432.4	432.4	432.5	432.4	432.4	432.2	432.6	432.2	432.4
31°	430.1	429.6	429.9	430.0	429.9	430.0	429.9	429.6	430.1	429.6	429.9
31.5°	427.7	427.0	427.3	427.5	427.4	427.5	427.3	427.0	427.7	427.0	427.3
32°	425.0	424.5	424.8	425.0	424.8	425.0	424.8	424.5	425.0	424.5	424.8
32.5°	422.2	422.1	422.2	422.3	422.3	422.3	422.2	422.1	422.2	422.1	422.2
33°	419.8	419.4	419.7	419.8	419.7	419.8	419.7	419.4	419.8	419.4	419.7
33.5°	416.9	416.8	417.0	416.9	416.9	416.9	417.0	416.8	416.9	416.8	417.0
34°	414.2	414.2	414.3	414.4	414.0	414.4	414.3	414.2	414.2	414.2	414.3
34.5°	411.6	411.4	411.5	411.5	411.3	411.5	411.5	411.4	411.6	411.4	411.5
35°	408.8	408.7	408.7	408.8	408.5	408.8	408.7	408.7	408.8	408.7	408.7
35.5°	405.8	405.9	406.0	405.9	405.9	405.9	406.0	405.9	405.8	405.9	406.0
36°	403.1	403.1	403.3	403.1	403.0	403.1	403.3	403.1	403.1	403.1	403.3
36.5°	400.4	400.2	400.3	400.0	400.2	400.0	400.3	400.2	400.4	400.2	400.3
37°	397.3	397.3	397.4	397.2	397.1	397.2	397.4	397.3	397.3	397.3	397.4
37.5°	394.4	394.3	394.4	394.1	394.3	394.1	394.4	394.3	394.4	394.3	394.4
38°	391.5	391.2	391.4	391.4	391.4	391.4	391.4	391.2	391.5	391.2	391.4
38.5°	388.7	388.2	388.5	388.4	388.5	388.4	388.5	388.2	388.7	388.2	388.5
39°	385.5	385.2	385.5	385.4	385.5	385.4	385.5	385.2	385.5	385.2	385.5
39.5°	382.9	382.3	382.4	382.2	382.4	382.2	382.4	382.3	382.9	382.3	382.4
40°	379.6	379.1	379.4	379.2	379.2	379.2	379.4	379.1	379.6	379.1	379.4
40.5°	376.2	376.0	376.0	376.0	375.8	376.0	376.0	376.0	376.2	376.0	376.0
41°	373.0	372.9	372.9	373.0	372.6	373.0	372.9	372.9	373.0	372.9	372.9
41.5°	369.6	369.7	369.7	369.7	369.5	369.7	369.7	369.7	369.6	369.7	369.7
42°	366.4	366.5	366.5	366.6	366.5	366.6	366.5	366.5	366.4	366.5	366.5
42.5°	363.3	363.1	363.4	363.3	363.4	363.3	363.4	363.1	363.3	363.1	363.4
43°	359.9	359.8	359.8	360.1	360.2	360.1	359.8	359.8	359.9	359.8	359.8
43.5°	356.5	356.5	356.6	356.8	356.7	356.8	356.6	356.5	356.5	356.5	356.6

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	346.3	346.4	346.6	346.6	346.7	346.6	346.6	346.4	346.3	346.4	346.6
45.5°	343.3	342.9	343.2	343.1	343.2	343.1	343.2	342.9	343.3	342.9	343.2
46°	339.7	339.5	339.6	339.7	339.7	339.7	339.6	339.5	339.7	339.5	339.6
46.5°	336.2	336.1	336.1	336.2	336.3	336.2	336.1	336.1	336.2	336.1	336.1
47°	332.7	332.7	332.6	332.6	332.8	332.6	332.6	332.7	332.7	332.7	332.6
47.5°	329.2	329.2	329.3	329.4	329.3	329.4	329.3	329.2	329.2	329.2	329.3
48°	325.5	325.7	325.8	325.8	325.5	325.8	325.8	325.7	325.5	325.7	325.8
48.5°	321.9	322.1	322.2	322.3	322.2	322.3	322.2	322.1	321.9	322.1	322.2
49°	318.5	318.4	318.6	318.7	318.4	318.7	318.6	318.4	318.5	318.4	318.6
49.5°	314.9	314.7	315.1	315.0	315.0	315.0	315.1	314.7	314.9	314.7	315.1
50°	311.1	311.0	311.3	311.4	311.2	311.4	311.3	311.0	311.1	311.0	311.3
50.5°	307.4	307.5	307.5	307.7	307.7	307.7	307.5	307.5	307.4	307.5	307.5
51°	304.0	303.7	303.7	304.1	303.9	304.1	303.7	303.7	304.0	303.7	303.7
51.5°	300.4	300.0	300.0	300.3	300.2	300.3	300.0	300.0	300.4	300.0	300.0
52°	296.5	296.3	296.4	296.4	296.4	296.4	296.4	296.3	296.5	296.3	296.4
52.5°	292.7	292.5	292.6	292.5	292.6	292.5	292.6	292.5	292.7	292.5	292.6
53°	288.8	288.6	288.8	288.7	288.8	288.7	288.8	288.6	288.8	288.6	288.8
53.5°	284.8	284.9	285.0	284.9	285.0	284.9	285.0	284.9	284.8	284.9	285.0
54°	280.9	280.9	281.0	281.0	281.0	281.0	281.0	280.9	280.9	280.9	281.0
54.5°	277.0	277.0	277.1	277.1	277.3	277.1	277.1	277.0	277.0	277.0	277.1
55°	273.1	273.1	273.3	273.3	273.3	273.3	273.3	273.1	273.1	273.1	273.3
55.5°	269.1	269.2	269.4	269.3	269.3	269.3	269.4	269.2	269.1	269.2	269.4
56°	265.4	265.4	265.2	265.4	265.2	265.4	265.2	265.4	265.4	265.4	265.2
56.5°	261.6	261.5	261.2	261.5	261.4	261.5	261.2	261.5	261.6	261.5	261.2
57°	257.4	257.5	257.3	257.4	257.4	257.4	257.3	257.5	257.4	257.5	257.3
57.5°	253.2	253.4	253.3	253.4	253.2	253.4	253.3	253.4	253.2	253.4	253.3
58°	249.4	249.3	249.3	249.3	249.2	249.3	249.3	249.3	249.4	249.3	249.3
58.5°	245.3	245.3	245.3	245.3	245.3	245.3	245.3	245.3	245.3	245.3	245.3
59°	241.0	241.1	241.2	241.2	241.2	241.2	241.2	241.1	241.0	241.1	241.2
59.5°	237.1	236.9	237.2	237.2	237.1	237.2	237.2	236.9	237.1	236.9	237.2
60°	232.7	232.8	232.9	233.1	233.0	233.1	232.9	232.8	232.7	232.8	232.9
60.5°	228.7	228.7	228.6	228.9	228.9	228.9	228.6	228.7	228.7	228.7	228.6
61°	224.4	224.4	224.3	224.7	224.6	224.7	224.3	224.4	224.4	224.4	224.3
61.5°	220.4	220.2	220.2	220.4	220.5	220.4	220.2	220.2	220.4	220.2	220.2
62°	216.1	216.0	216.0	216.1	216.2	216.1	216.0	216.0	216.1	216.0	216.0
62.5°	211.6	211.7	211.8	211.7	212.0	211.7	211.8	211.7	211.6	211.7	211.8
63°	207.5	207.4	207.6	207.4	207.6	207.4	207.6	207.4	207.5	207.4	207.6
63.5°	203.0	203.2	203.2	203.1	203.2	203.1	203.2	203.2	203.0	203.2	203.2
64°	198.7	198.7	198.9	198.7	199.0	198.7	198.9	198.7	198.7	198.7	198.9
64.5°	194.3	194.4	194.5	194.4	194.7	194.4	194.5	194.4	194.3	194.4	194.5
65°	189.9	190.0	190.3	190.3	190.5	190.3	190.3	190.0	189.9	190.0	190.3
65.5°	185.7	185.7	185.7	185.8	186.0	185.8	185.7	185.7	185.7	185.7	185.7
66°	181.3	181.2	181.4	181.3	181.5	181.3	181.4	181.2	181.3	181.2	181.4

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997231

CATALOG NUMBER: SMX8RLSFS010-1500LM-2700K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	168.0	168.0	168.0	168.1	168.3	168.1	168.0	168.0	168.0	168.0	168.0
68°	163.5	163.7	163.5	163.7	163.9	163.7	163.5	163.7	163.5	163.7	163.5
68.5°	159.2	159.1	159.1	159.3	159.5	159.3	159.1	159.1	159.2	159.1	159.1
69°	154.6	154.7	154.7	154.8	154.9	154.8	154.7	154.7	154.6	154.7	154.7
69.5°	150.0	150.2	150.3	150.1	150.3	150.1	150.3	150.2	150.0	150.2	150.3
70°	145.7	145.7	145.8	145.7	145.8	145.7	145.8	145.7	145.7	145.7	145.8
70.5°	141.3	141.3	141.2	141.3	141.3	141.3	141.2	141.3	141.3	141.3	141.2
71°	136.7	136.9	136.8	136.8	136.8	136.8	136.8	136.9	136.7	136.9	136.8
71.5°	132.1	132.3	132.2	132.3	132.2	132.3	132.2	132.3	132.1	132.3	132.2
72°	127.6	127.7	127.7	127.9	127.7	127.9	127.7	127.7	127.6	127.7	127.7
72.5°	123.1	123.1	123.1	123.2	123.3	123.2	123.1	123.1	123.1	123.1	123.1
73°	118.6	118.7	118.8	118.9	118.8	118.9	118.8	118.7	118.6	118.7	118.8
73.5°	114.0	114.1	114.2	114.4	114.2	114.4	114.2	114.1	114.0	114.1	114.2
74°	109.6	109.8	109.7	109.9	109.9	109.9	109.7	109.8	109.6	109.8	109.7
74.5°	105.1	105.1	105.2	105.4	105.5	105.4	105.2	105.1	105.1	105.1	105.2
75°	100.7	100.7	100.8	100.9	101.0	100.9	100.8	100.7	100.7	100.7	100.8
75.5°	96.3	96.2	96.4	96.4	96.6	96.4	96.4	96.2	96.3	96.2	96.4
76°	91.8	91.8	91.9	92.0	92.2	92.0	91.9	91.8	91.8	91.8	91.9
76.5°	87.2	87.3	87.5	87.7	87.8	87.7	87.5	87.3	87.2	87.3	87.5
77°	83.0	83.0	83.1	83.4	83.7	83.4	83.1	83.0	83.0	83.0	83.1
77.5°	78.5	78.6	78.8	79.1	79.3	79.1	78.8	78.6	78.5	78.6	78.8
78°	74.2	74.3	74.6	74.7	75.1	74.7	74.6	74.3	74.2	74.3	74.6
78.5°	70.0	70.0	70.3	70.4	70.7	70.4	70.3	70.0	70.0	70.0	70.3
79°	65.9	65.9	66.1	66.3	66.6	66.3	66.1	65.9	65.9	65.9	66.1
79.5°	61.8	61.8	62.0	62.2	62.3	62.2	62.0	61.8	61.8	61.8	62.0
80°	57.7	57.8	57.9	58.1	58.1	58.1	57.9	57.8	57.7	57.8	57.9
80.5°	53.7	53.7	54.0	54.2	54.2	54.2	54.0	53.7	53.7	53.7	54.0
81°	49.9	49.9	50.1	50.3	50.2	50.3	50.1	49.9	49.9	49.9	50.1
81.5°	46.0	46.0	46.2	46.3	46.3	46.3	46.2	46.0	46.0	46.0	46.2
82°	42.2	42.2	42.4	42.6	42.6	42.6	42.4	42.2	42.2	42.2	42.4
82.5°	38.4	38.4	38.6	39.1	39.2	39.1	38.6	38.4	38.4	38.4	38.6
83°	34.8	34.9	35.3	35.7	35.8	35.7	35.3	34.9	34.8	34.9	35.3
83.5°	31.1	31.3	31.7	32.1	32.4	32.1	31.7	31.3	31.1	31.3	31.7
84°	27.8	28.0	28.5	28.9	29.2	28.9	28.5	28.0	27.8	28.0	28.5
84.5°	24.7	24.9	25.3	25.8	26.4	25.8	25.3	24.9	24.7	24.9	25.3
85°	21.8	21.9	22.4	22.8	23.0	22.8	22.4	21.9	21.8	21.9	22.4
85.5°	19.0	19.2	19.5	20.0	20.6	20.0	19.5	19.2	19.0	19.2	19.5
86°	16.4	16.6	17.1	17.5	18.0	17.5	17.1	16.6	16.4	16.6	17.1
86.5°	13.9	14.1	14.6	15.2	15.8	15.2	14.6	14.1	13.9	14.1	14.6
87°	11.6	11.9	12.5	13.0	13.6	13.0	12.5	11.9	11.6	11.9	12.5
87.5°	9.5	9.9	10.5	11.0	11.7	11.0	10.5	9.9	9.5	9.9	10.5
88°	7.8	8.2	8.6	9.2	9.8	9.2	8.6	8.2	7.8	8.2	8.6
88.5°	6.3	6.5	7.0	7.5	8.2	7.5	7.0	6.5	6.3	6.5	7.0

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

Scaled Data Report



TEST NUMBER: P997231
CATALOG NUMBER: SMX8RLSFS010-1500LM-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: P997231

CATALOG NUMBER: SMX8RLSFS010-1500LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	511.1	511.1	511.1	511.1	511.1	511.1
0.5°	511.0	510.9	511.0	510.9	511.4	511.1
1°	510.9	511.0	510.9	510.8	511.1	511.1
1.5°	510.6	510.8	510.6	510.8	511.0	511.1
2°	510.4	510.7	510.4	510.7	511.0	510.8
2.5°	510.3	510.6	510.3	510.6	510.7	510.6
3°	510.3	510.3	510.3	510.1	510.2	510.4
3.5°	509.9	510.3	509.9	509.9	510.0	509.9
4°	509.8	509.9	509.8	509.4	509.7	509.4
4.5°	509.2	509.6	509.2	509.0	509.3	509.2
5°	509.0	509.0	509.0	508.6	508.9	508.8
5.5°	508.4	508.8	508.4	508.2	508.4	508.6
6°	508.0	508.2	508.0	507.7	507.9	508.3
6.5°	507.3	507.7	507.3	507.2	507.2	507.4
7°	506.9	507.0	506.9	506.6	506.7	506.6
7.5°	506.2	506.2	506.2	506.2	506.2	506.1
8°	505.5	505.4	505.5	505.6	505.4	505.6
8.5°	504.6	504.8	504.6	504.7	504.9	504.6
9°	503.8	504.1	503.8	504.0	504.0	503.9
9.5°	503.1	503.2	503.1	503.0	503.3	503.0
10°	502.3	502.3	502.3	502.3	502.3	502.4
10.5°	501.3	501.6	501.3	501.5	501.5	501.2
11°	500.4	500.6	500.4	500.6	500.5	500.2
11.5°	499.3	499.6	499.3	499.5	499.7	499.1
12°	498.6	498.6	498.6	498.3	498.4	498.5
12.5°	497.6	497.6	497.6	497.3	497.5	497.4
13°	496.5	496.4	496.5	496.2	496.4	496.3
13.5°	495.4	495.4	495.4	495.3	495.2	495.3
14°	494.2	494.1	494.2	494.0	494.2	494.0
14.5°	492.9	493.2	492.9	492.9	492.9	492.9
15°	491.7	491.7	491.7	491.3	491.5	491.7
15.5°	490.4	490.5	490.4	489.9	490.3	490.0
16°	489.1	489.2	489.1	488.6	488.7	488.5
16.5°	487.5	487.7	487.5	487.4	487.5	487.4
17°	486.0	486.3	486.0	486.0	485.8	486.0
17.5°	484.5	484.8	484.5	484.4	484.4	484.6
18°	483.0	483.3	483.0	482.9	482.8	483.0
18.5°	481.4	481.5	481.4	481.5	481.3	481.4
19°	479.9	479.8	479.9	480.0	479.7	480.0
19.5°	478.1	478.2	478.1	478.4	478.3	478.4
20°	476.6	476.9	476.6	476.6	476.5	476.8
20.5°	475.0	475.2	475.0	474.9	474.7	475.0
21°	473.4	473.3	473.4	473.0	472.8	473.1

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997231

CATALOG NUMBER: SMX8RLSFS010-1500LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	467.5	467.7	467.5	467.5	467.5	467.5
23°	465.7	465.7	465.7	465.7	465.3	465.8
23.5°	463.8	463.7	463.8	463.7	463.5	463.8
24°	461.8	461.7	461.8	461.8	461.4	461.6
24.5°	459.7	459.7	459.7	459.7	459.6	459.5
25°	457.7	457.7	457.7	457.5	457.3	457.4
25.5°	455.6	455.5	455.6	455.6	455.4	455.6
26°	453.4	453.4	453.4	453.5	453.1	453.3
26.5°	451.2	451.3	451.2	451.3	451.0	451.1
27°	448.9	449.0	448.9	449.0	448.8	448.9
27.5°	446.7	446.6	446.7	446.8	446.5	446.8
28°	444.3	444.3	444.3	444.5	444.0	444.5
28.5°	441.9	441.9	441.9	442.3	441.8	442.1
29°	439.7	439.9	439.7	439.8	439.6	439.7
29.5°	437.2	437.3	437.2	437.3	437.2	437.4
30°	434.8	435.0	434.8	434.9	434.7	434.9
30.5°	432.4	432.5	432.4	432.4	432.2	432.6
31°	430.0	429.9	430.0	429.9	429.6	430.1
31.5°	427.5	427.4	427.5	427.3	427.0	427.7
32°	425.0	424.8	425.0	424.8	424.5	425.0
32.5°	422.3	422.3	422.3	422.2	422.1	422.2
33°	419.8	419.7	419.8	419.7	419.4	419.8
33.5°	416.9	416.9	416.9	417.0	416.8	416.9
34°	414.4	414.0	414.4	414.3	414.2	414.2
34.5°	411.5	411.3	411.5	411.5	411.4	411.6
35°	408.8	408.5	408.8	408.7	408.7	408.8
35.5°	405.9	405.9	405.9	406.0	405.9	405.8
36°	403.1	403.0	403.1	403.3	403.1	403.1
36.5°	400.0	400.2	400.0	400.3	400.2	400.4
37°	397.2	397.1	397.2	397.4	397.3	397.3
37.5°	394.1	394.3	394.1	394.4	394.3	394.4
38°	391.4	391.4	391.4	391.4	391.2	391.5
38.5°	388.4	388.5	388.4	388.5	388.2	388.7
39°	385.4	385.5	385.4	385.5	385.2	385.5
39.5°	382.2	382.4	382.2	382.4	382.3	382.9
40°	379.2	379.2	379.2	379.4	379.1	379.6
40.5°	376.0	375.8	376.0	376.0	376.0	376.2
41°	373.0	372.6	373.0	372.9	372.9	373.0
41.5°	369.7	369.5	369.7	369.7	369.7	369.6
42°	366.6	366.5	366.6	366.5	366.5	366.4
42.5°	363.3	363.4	363.3	363.4	363.1	363.3
43°	360.1	360.2	360.1	359.8	359.8	359.9
43.5°	356.8	356.7	356.8	356.6	356.5	356.5

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997231

CATALOG NUMBER: SMX8RLSFS010-1500LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	346.6	346.7	346.6	346.6	346.4	346.3
45.5°	343.1	343.2	343.1	343.2	342.9	343.3
46°	339.7	339.7	339.7	339.6	339.5	339.7
46.5°	336.2	336.3	336.2	336.1	336.1	336.2
47°	332.6	332.8	332.6	332.6	332.7	332.7
47.5°	329.4	329.3	329.4	329.3	329.2	329.2
48°	325.8	325.5	325.8	325.8	325.7	325.5
48.5°	322.3	322.2	322.3	322.2	322.1	321.9
49°	318.7	318.4	318.7	318.6	318.4	318.5
49.5°	315.0	315.0	315.0	315.1	314.7	314.9
50°	311.4	311.2	311.4	311.3	311.0	311.1
50.5°	307.7	307.7	307.7	307.5	307.5	307.4
51°	304.1	303.9	304.1	303.7	303.7	304.0
51.5°	300.3	300.2	300.3	300.0	300.0	300.4
52°	296.4	296.4	296.4	296.4	296.3	296.5
52.5°	292.5	292.6	292.5	292.6	292.5	292.7
53°	288.7	288.8	288.7	288.8	288.6	288.8
53.5°	284.9	285.0	284.9	285.0	284.9	284.8
54°	281.0	281.0	281.0	281.0	280.9	280.9
54.5°	277.1	277.3	277.1	277.1	277.0	277.0
55°	273.3	273.3	273.3	273.3	273.1	273.1
55.5°	269.3	269.3	269.3	269.4	269.2	269.1
56°	265.4	265.2	265.4	265.2	265.4	265.4
56.5°	261.5	261.4	261.5	261.2	261.5	261.6
57°	257.4	257.4	257.4	257.3	257.5	257.4
57.5°	253.4	253.2	253.4	253.3	253.4	253.2
58°	249.3	249.2	249.3	249.3	249.3	249.4
58.5°	245.3	245.3	245.3	245.3	245.3	245.3
59°	241.2	241.2	241.2	241.2	241.1	241.0
59.5°	237.2	237.1	237.2	237.2	236.9	237.1
60°	233.1	233.0	233.1	232.9	232.8	232.7
60.5°	228.9	228.9	228.9	228.6	228.7	228.7
61°	224.7	224.6	224.7	224.3	224.4	224.4
61.5°	220.4	220.5	220.4	220.2	220.2	220.4
62°	216.1	216.2	216.1	216.0	216.0	216.1
62.5°	211.7	212.0	211.7	211.8	211.7	211.6
63°	207.4	207.6	207.4	207.6	207.4	207.5
63.5°	203.1	203.2	203.1	203.2	203.2	203.0
64°	198.7	199.0	198.7	198.9	198.7	198.7
64.5°	194.4	194.7	194.4	194.5	194.4	194.3
65°	190.3	190.5	190.3	190.3	190.0	189.9
65.5°	185.8	186.0	185.8	185.7	185.7	185.7
66°	181.3	181.5	181.3	181.4	181.2	181.3

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997231

CATALOG NUMBER: SMX8RLSFS010-1500LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	168.1	168.3	168.1	168.0	168.0	168.0
68°	163.7	163.9	163.7	163.5	163.7	163.5
68.5°	159.3	159.5	159.3	159.1	159.1	159.2
69°	154.8	154.9	154.8	154.7	154.7	154.6
69.5°	150.1	150.3	150.1	150.3	150.2	150.0
70°	145.7	145.8	145.7	145.8	145.7	145.7
70.5°	141.3	141.3	141.3	141.2	141.3	141.3
71°	136.8	136.8	136.8	136.8	136.9	136.7
71.5°	132.3	132.2	132.3	132.2	132.3	132.1
72°	127.9	127.7	127.9	127.7	127.7	127.6
72.5°	123.2	123.3	123.2	123.1	123.1	123.1
73°	118.9	118.8	118.9	118.8	118.7	118.6
73.5°	114.4	114.2	114.4	114.2	114.1	114.0
74°	109.9	109.9	109.9	109.7	109.8	109.6
74.5°	105.4	105.5	105.4	105.2	105.1	105.1
75°	100.9	101.0	100.9	100.8	100.7	100.7
75.5°	96.4	96.6	96.4	96.4	96.2	96.3
76°	92.0	92.2	92.0	91.9	91.8	91.8
76.5°	87.7	87.8	87.7	87.5	87.3	87.2
77°	83.4	83.7	83.4	83.1	83.0	83.0
77.5°	79.1	79.3	79.1	78.8	78.6	78.5
78°	74.7	75.1	74.7	74.6	74.3	74.2
78.5°	70.4	70.7	70.4	70.3	70.0	70.0
79°	66.3	66.6	66.3	66.1	65.9	65.9
79.5°	62.2	62.3	62.2	62.0	61.8	61.8
80°	58.1	58.1	58.1	57.9	57.8	57.7
80.5°	54.2	54.2	54.2	54.0	53.7	53.7
81°	50.3	50.2	50.3	50.1	49.9	49.9
81.5°	46.3	46.3	46.3	46.2	46.0	46.0
82°	42.6	42.6	42.6	42.4	42.2	42.2
82.5°	39.1	39.2	39.1	38.6	38.4	38.4
83°	35.7	35.8	35.7	35.3	34.9	34.8
83.5°	32.1	32.4	32.1	31.7	31.3	31.1
84°	28.9	29.2	28.9	28.5	28.0	27.8
84.5°	25.8	26.4	25.8	25.3	24.9	24.7
85°	22.8	23.0	22.8	22.4	21.9	21.8
85.5°	20.0	20.6	20.0	19.5	19.2	19.0
86°	17.5	18.0	17.5	17.1	16.6	16.4
86.5°	15.2	15.8	15.2	14.6	14.1	13.9
87°	13.0	13.6	13.0	12.5	11.9	11.6
87.5°	11.0	11.7	11.0	10.5	9.9	9.5
88°	9.2	9.8	9.2	8.6	8.2	7.8
88.5°	7.5	8.2	7.5	7.0	6.5	6.3

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Scaled Data Report



TEST NUMBER: P997231
CATALOG NUMBER: SMX8RLSFS010-1500LM-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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Report Generated By 670245859 / DESKTOP-T8S5UU9

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

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21.5°	471.3	471.1	471.2	471.3	471.5	471.3	471.2	471.1	471.3	471.1	471.2
22°	469.6	469.3	469.3	469.4	469.5	469.4	469.3	469.3	469.6	469.3	469.3



44°	353.1	353.2	353.3	353.6	353.4	353.6	353.3	353.2	353.1	353.2	353.3
44.5°	349.8	349.8	350.0	350.1	350.1	350.1	350.0	349.8	349.8	349.8	350.0



66.5°	176.8	176.8	176.9	176.9	177.1	176.9	176.9	176.8	176.8	176.8	176.9
67°	172.5	172.4	172.4	172.5	172.7	172.5	172.4	172.4	172.5	172.4	172.4

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89°	5.0	5.2	5.7	6.2	6.7	6.2	5.7	5.2	5.0	5.2	5.7
89.5°	3.8	4.1	4.4	5.0	5.6	5.0	4.4	4.1	3.8	4.1	4.4

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21.5°	471.3	471.5	471.3	471.2	471.1	471.3
22°	469.4	469.5	469.4	469.3	469.3	469.6

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44°	353.6	353.4	353.6	353.3	353.2	353.1
44.5°	350.1	350.1	350.1	350.0	349.8	349.8

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66.5°	176.9	177.1	176.9	176.9	176.8	176.8
67°	172.5	172.7	172.5	172.4	172.4	172.5

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89°	6.2	6.7	6.2	5.7	5.2	5.0
89.5°	5.0	5.6	5.0	4.4	4.1	3.8

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(END OF REPORT)