

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: P997250

Luminaire Tested: **SMX8SLSFS010-1500LM-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: P997250
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (A2411376A001)
Test Lab:
Issue Date: 3/11/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: HALO
Catalog Number: SMX8SLSFS010-1500LM-5000K
Description: 8IN SQAURE, 90CRI, 0-10V DIMMING, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 5000K CCT
Ballast/Driver: -

Summary

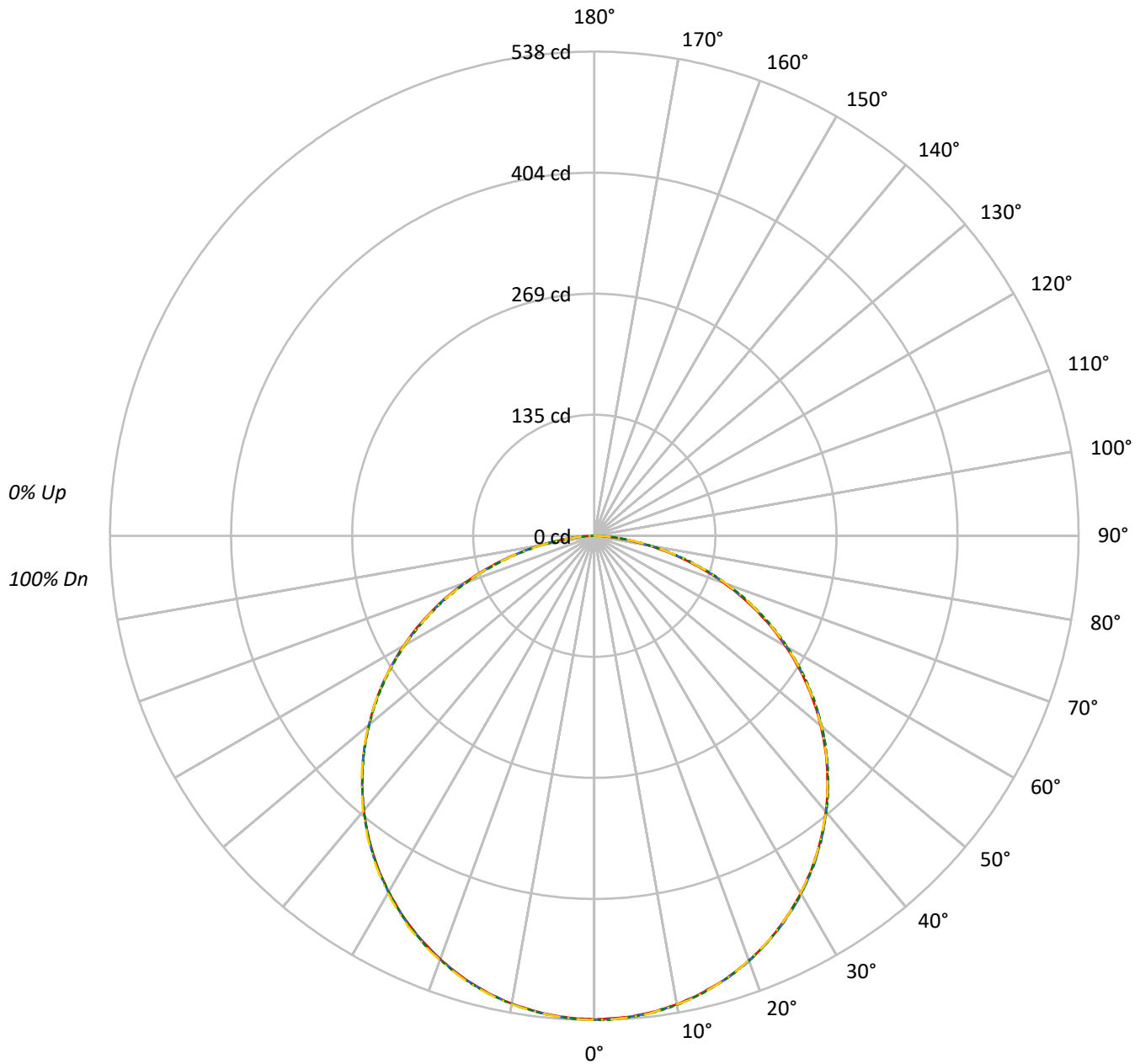
Lumens per Lamp: N/A
Luminaire Lumens: 1565.8 lumens
Efficiency: N/A
Efficacy: 101.0 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.27 / 1.39
Luminous Opening: Rectangular (W 0.67' x L: 0.67' x H: 0')
CIE Type: Direct

Input Watts (W): 15.5
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Luminous Intensity Polar Plot



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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	84		
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	50	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°	12893	12893	12893	12893
5°	12877	12897	12865	12885
10°	12868	12885	12853	12861
15°	12844	12859	12819	12834
20°	12810	12817	12769	12797
25°	12758	12768	12715	12726
30°	12695	12717	12648	12653
35°	12616	12634	12570	12572
40°	12527	12549	12467	12461
45°	12401	12438	12350	12327
50°	12247	12314	12191	12161
55°	12048	12136	12011	11940
60°	11769	11893	11749	11644
65°	11359	11535	11353	11194
70°	10755	10986	10769	10544
75°	9820	10126	9848	9533
80°	8340	8768	8409	7981
85°	6135	6878	6355	5585



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	50.9	3.2
10°-20°	146.0	9.3
20°-30°	222.1	14.2
30°-40°	269.4	17.2
40°-50°	281.7	18.0
50°-60°	257.3	16.4
60°-70°	198.0	12.6
70°-80°	112.3	7.2
80°-90°	28.1	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°	419.1	26.8
0°-40°	688.4	44.0
0°-60°	1227.5	78.4
0°-90°	1565.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1565.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	538	538	538	538	538	
5°	535	536	534	535	535	51
15°	517	518	516	517	517	146
25°	482	483	481	481	482	222
35°	431	432	429	430	431	270
45°	366	367	364	364	366	282
55°	288	290	287	286	288	257
65°	200	203	200	197	200	198
75°	106	109	106	103	106	112
85°	22	25	23	20	22	28
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°	537.7	537.7	537.7	537.7	537.7	537.7	537.7	537.7	537.7	537.7	537.7
0.5°	537.0	537.7	537.8	537.8	538.0	537.3	537.8	537.6	536.8	537.6	537.6
1°	537.0	537.9	537.7	537.9	538.0	537.3	537.9	537.7	536.7	537.8	537.4
1.5°	536.7	537.6	537.5	537.8	538.1	537.3	537.9	537.4	536.7	537.7	537.3
2°	536.6	537.4	537.3	537.8	538.0	537.1	537.7	537.5	536.7	537.5	537.1
2.5°	536.3	537.1	537.0	537.3	537.5	537.1	537.5	537.1	536.4	537.1	537.0
3°	536.3	536.9	536.8	537.1	537.2	536.7	537.2	537.0	536.3	536.9	536.8
3.5°	536.1	536.7	536.7	536.8	536.8	536.5	536.9	536.3	535.8	536.5	536.6
4°	536.0	536.4	536.3	536.6	536.6	536.2	536.6	536.1	535.6	536.2	536.3
4.5°	535.7	535.7	535.9	536.3	536.1	535.9	536.3	535.7	535.0	535.9	535.7
5°	535.0	535.5	535.4	536.0	535.8	535.3	535.7	535.5	534.5	535.2	535.2
5.5°	534.5	535.0	534.9	535.2	535.2	534.9	535.6	534.8	534.1	534.6	534.4
6°	533.9	534.6	534.4	535.0	534.9	534.4	534.9	534.4	533.6	534.1	534.0
6.5°	533.5	534.0	533.9	534.4	534.3	533.9	534.5	533.9	533.0	533.3	533.3
7°	532.9	533.5	533.4	534.1	533.9	533.3	533.6	533.4	532.2	532.9	532.9
7.5°	532.5	532.6	532.7	533.3	533.2	532.7	533.0	532.5	531.6	532.2	532.1
8°	531.4	532.1	532.1	532.5	532.5	532.0	532.0	531.8	530.9	531.3	531.5
8.5°	530.9	531.4	531.3	531.5	531.6	531.4	531.6	531.0	530.1	530.5	530.5
9°	529.9	530.6	530.6	531.0	531.1	530.5	530.5	530.4	529.5	529.5	529.8
9.5°	529.3	529.8	529.8	530.0	530.0	529.6	529.9	529.5	528.7	528.7	528.9
10°	528.5	529.1	529.2	529.4	529.2	528.6	528.7	528.7	527.9	528.2	527.9
10.5°	527.5	528.1	528.2	528.4	528.4	527.9	528.2	527.6	527.0	527.1	527.1
11°	526.4	527.3	527.2	527.6	527.3	526.8	527.4	526.9	526.0	526.0	526.3
11.5°	525.6	526.3	526.0	526.4	526.2	526.2	526.6	525.8	524.9	525.2	525.1
12°	524.6	525.4	525.2	525.3	525.5	524.8	525.3	524.4	523.8	524.3	524.3
12.5°	523.6	524.3	524.1	524.2	524.0	523.8	524.4	523.5	522.7	523.2	523.0
13°	522.3	523.4	522.9	523.3	523.2	522.5	522.8	522.4	521.6	521.7	522.0
13.5°	521.1	522.0	521.7	521.9	521.9	521.5	521.8	521.4	520.3	520.7	520.6
14°	519.7	521.0	520.3	520.9	520.6	520.4	520.4	520.1	518.9	519.3	519.5
14.5°	518.7	519.6	519.3	519.5	519.2	518.9	519.2	518.8	517.6	518.1	518.0
15°	517.4	518.5	518.0	518.2	518.0	517.6	517.9	517.6	516.4	516.8	517.0
15.5°	516.2	517.0	516.7	516.6	516.6	516.3	516.6	516.0	515.1	515.4	515.2
16°	514.9	515.7	515.2	515.3	515.4	515.0	515.1	514.6	513.8	513.6	514.0
16.5°	513.5	514.4	513.9	513.9	513.7	513.3	513.7	513.1	512.2	512.6	512.3
17°	511.7	512.9	512.4	512.3	512.4	511.9	512.2	511.6	510.6	510.9	510.9
17.5°	510.3	511.1	511.0	510.8	510.5	510.4	510.8	510.2	508.9	509.4	509.3
18°	508.8	509.7	509.3	509.4	509.5	508.8	509.0	508.6	507.4	507.6	508.0
18.5°	507.4	507.9	507.9	507.6	507.5	507.1	507.5	506.8	505.7	506.0	506.0
19°	505.5	506.6	506.2	506.0	505.7	505.3	505.5	505.0	503.9	504.1	504.5
19.5°	503.9	504.8	504.6	504.2	503.9	503.8	503.9	503.1	502.3	502.5	502.7
20°	502.0	503.2	502.8	502.6	502.3	502.1	502.1	501.4	500.4	500.5	501.1
20.5°	500.4	501.2	501.1	500.6	500.6	500.5	500.4	499.9	498.7	498.9	499.1
21°	498.5	499.6	499.1	499.0	498.8	498.6	498.6	497.6	496.8	497.2	497.6

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CATALOG NUMBER: SMX8SLSFS010-1500LM-5000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
22.5°	492.9	493.5	493.3	493.1	493.1	492.8	492.8	491.8	490.9	491.4	491.6
23°	490.8	491.6	491.3	491.0	491.1	490.7	490.9	490.0	488.9	489.5	489.8
23.5°	489.0	489.6	489.4	488.9	489.2	488.7	488.9	488.0	487.0	487.3	487.3
24°	486.8	487.8	487.3	486.8	487.1	486.6	486.8	485.8	485.1	485.2	485.5
24.5°	484.8	485.7	485.3	485.0	484.8	484.5	484.6	483.8	482.8	483.2	483.4
25°	482.2	483.5	483.3	482.9	482.6	482.3	482.3	481.5	480.6	481.2	481.5
25.5°	480.4	481.1	481.1	480.5	480.4	480.1	480.3	479.3	478.3	478.9	479.1
26°	477.7	478.9	478.9	478.5	478.2	477.9	477.9	477.1	476.1	476.6	477.1
26.5°	475.6	476.6	476.5	476.0	476.1	475.4	475.7	474.8	473.9	474.3	474.6
27°	473.0	474.3	474.4	473.9	473.7	473.2	473.3	472.3	471.7	472.0	472.3
27.5°	471.0	471.9	472.0	471.5	471.4	471.0	471.0	470.3	469.2	469.6	469.6
28°	468.3	469.5	469.6	469.1	469.1	468.6	468.5	467.6	466.7	467.0	467.4
28.5°	465.9	466.9	467.2	466.6	466.7	466.3	466.1	465.5	463.9	464.7	464.8
29°	463.3	464.5	464.7	464.2	464.3	463.5	463.5	462.9	461.8	462.4	462.5
29.5°	461.1	462.0	462.2	461.7	461.8	461.1	461.1	460.3	459.3	459.7	460.0
30°	458.5	459.3	459.5	459.1	459.3	458.4	458.5	457.7	456.8	457.2	457.5
30.5°	455.9	456.8	457.1	456.5	456.6	456.0	455.8	455.0	454.1	454.5	454.7
31°	453.2	454.1	454.3	453.9	454.1	453.4	453.3	452.3	451.6	451.7	452.2
31.5°	450.6	451.3	451.7	451.2	451.1	450.8	450.6	449.7	448.9	449.0	449.4
32°	447.6	448.3	448.7	448.4	448.5	448.1	448.0	447.0	446.3	446.2	446.8
32.5°	445.3	445.8	446.3	446.0	445.8	445.5	445.2	444.5	443.6	443.8	444.2
33°	442.7	443.2	443.5	443.3	443.2	442.8	442.7	441.6	440.8	441.0	441.5
33.5°	439.5	440.3	441.0	440.4	440.2	440.1	439.6	438.9	437.7	438.2	438.5
34°	436.5	437.5	438.0	437.6	437.5	437.2	436.7	436.1	435.1	435.4	435.8
34.5°	433.9	434.7	435.1	434.7	434.4	434.4	434.0	433.1	432.1	432.6	433.0
35°	431.0	431.8	432.0	431.7	431.6	431.4	431.0	430.0	429.4	429.5	429.9
35.5°	428.2	428.9	429.2	428.8	428.8	428.5	427.9	427.2	426.2	427.0	427.0
36°	425.1	425.9	426.2	425.8	426.0	425.4	425.0	424.4	423.5	423.9	424.0
36.5°	422.1	422.7	423.3	422.8	423.0	422.6	421.9	421.4	420.3	420.8	420.7
37°	419.0	419.5	420.0	419.8	419.8	419.4	419.1	418.4	417.2	417.7	417.8
37.5°	416.0	416.4	417.0	416.8	416.7	416.3	416.0	415.0	414.1	414.8	414.4
38°	412.9	413.4	413.8	413.6	413.5	413.0	412.7	411.9	411.2	411.8	411.4
38.5°	409.7	410.3	410.6	410.6	410.4	410.2	409.5	408.7	407.8	408.8	408.2
39°	406.5	407.1	407.2	407.3	407.3	407.0	406.5	405.6	404.7	405.4	404.9
39.5°	403.3	404.0	404.1	404.2	404.2	404.0	403.4	402.7	401.5	402.3	401.9
40°	400.2	400.8	400.9	400.9	400.9	400.8	400.1	399.2	398.3	398.9	398.6
40.5°	396.7	397.5	397.7	397.7	397.5	397.5	396.8	395.8	394.9	395.6	395.2
41°	393.4	394.3	394.5	394.3	394.3	394.1	393.6	392.6	391.7	392.2	391.9
41.5°	390.1	390.7	391.2	390.9	391.2	390.7	390.1	389.1	388.3	388.7	388.4
42°	386.7	387.3	387.6	387.7	387.9	387.2	386.9	385.7	385.0	385.1	385.2
42.5°	383.2	384.0	384.4	384.4	384.4	383.8	383.4	382.3	381.7	381.9	381.8
43°	379.8	380.7	380.9	380.9	381.0	380.4	379.9	378.9	378.2	378.5	378.3
43.5°	376.3	377.1	377.3	377.3	377.4	376.8	376.4	375.5	374.7	375.1	374.7

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	365.7	366.6	366.8	367.0	366.8	366.4	365.7	364.9	364.2	364.4	364.1
45.5°	362.1	362.9	363.3	363.4	363.3	362.9	362.3	361.5	360.7	361.1	360.6
46°	358.4	359.4	359.9	360.0	359.8	359.4	359.0	357.9	357.1	357.4	357.0
46.5°	355.0	355.5	356.1	356.3	356.2	356.1	355.4	354.5	353.3	353.7	353.4
47°	351.1	351.9	352.5	352.6	352.5	352.1	351.7	350.8	349.6	350.1	349.7
47.5°	347.5	348.2	348.6	348.9	348.8	348.5	347.7	346.9	345.9	346.4	346.0
48°	343.6	344.6	344.9	345.1	345.3	344.6	344.1	343.1	342.3	342.4	342.2
48.5°	339.9	340.6	341.2	341.3	341.6	341.0	340.4	339.6	338.6	338.8	338.4
49°	335.8	336.8	337.3	337.6	337.6	337.2	336.9	335.6	334.6	335.0	334.6
49.5°	332.0	333.0	333.5	333.8	333.9	333.3	332.9	331.8	330.7	331.2	330.6
50°	328.3	329.1	329.7	330.0	330.1	329.4	329.1	327.6	326.8	327.2	326.9
50.5°	324.3	325.1	325.7	325.8	326.2	325.6	324.9	323.6	322.9	323.3	322.9
51°	320.6	321.2	321.8	322.0	322.3	321.7	321.1	319.9	319.2	319.4	319.0
51.5°	316.5	317.6	318.0	318.0	318.6	318.0	317.3	316.2	315.4	315.6	315.3
52°	312.7	313.6	314.2	314.3	314.7	314.0	313.6	312.4	311.5	311.6	311.1
52.5°	308.6	309.5	310.0	310.2	310.5	310.2	309.5	308.4	307.6	307.7	307.1
53°	304.6	305.5	306.1	306.3	306.7	306.0	305.7	304.3	303.5	303.6	303.1
53.5°	300.5	301.3	302.0	302.2	302.8	302.2	301.3	300.4	299.4	299.6	299.0
54°	296.5	297.4	297.8	298.1	298.4	298.1	297.5	296.2	295.4	295.4	294.8
54.5°	292.2	293.2	293.8	293.7	294.4	293.9	293.3	292.2	291.3	291.4	290.7
55°	288.2	289.0	289.8	289.9	290.3	290.0	289.3	288.3	287.3	287.1	286.7
55.5°	283.8	284.9	285.6	285.7	286.3	285.8	285.1	284.0	283.1	283.0	282.5
56°	279.9	280.7	281.3	281.6	282.1	281.7	280.9	279.9	278.9	279.0	278.4
56.5°	275.8	276.8	277.2	277.5	278.0	277.7	276.8	275.8	274.9	274.7	274.3
57°	271.6	272.5	273.0	273.3	273.8	273.4	272.8	271.5	270.7	270.4	270.1
57.5°	266.8	268.2	268.8	268.9	269.5	269.2	268.5	267.2	266.4	266.2	265.7
58°	262.9	263.8	264.5	264.6	265.2	264.7	264.2	263.0	262.2	261.9	261.5
58.5°	258.6	259.5	260.1	260.2	261.2	260.7	259.9	258.8	257.8	257.7	257.2
59°	254.0	255.2	255.8	256.0	256.7	256.1	255.6	254.5	253.5	253.2	252.7
59.5°	249.5	250.8	251.4	251.4	252.4	251.9	251.3	250.3	249.1	249.0	248.2
60°	245.4	246.4	247.0	247.0	248.0	247.5	247.0	246.0	245.0	244.5	243.9
60.5°	240.9	241.9	242.6	242.5	243.7	243.3	242.5	241.5	240.7	240.2	239.5
61°	236.5	237.7	237.9	238.3	239.3	238.8	238.2	237.3	236.1	235.8	235.1
61.5°	232.1	233.3	233.8	233.8	235.0	234.3	233.7	232.8	231.6	231.2	230.7
62°	227.6	228.8	229.2	229.4	230.4	229.9	229.4	228.3	227.4	226.8	226.2
62.5°	223.1	224.2	224.8	224.6	226.2	225.5	224.8	223.9	222.8	222.4	221.7
63°	218.5	219.7	220.1	220.2	221.4	220.9	220.4	219.5	218.4	217.9	217.2
63.5°	214.1	215.0	215.5	215.6	216.9	216.3	215.8	214.9	213.9	213.4	212.6
64°	209.1	210.5	211.0	211.1	212.4	211.8	211.3	210.5	209.2	208.8	208.1
64.5°	204.6	206.0	206.3	206.4	207.9	207.3	206.7	206.0	204.5	204.0	203.4
65°	200.2	201.2	201.6	202.0	203.3	202.9	202.3	201.4	200.1	199.6	199.0
65.5°	195.7	196.7	197.0	197.1	198.7	198.3	197.7	196.8	195.5	195.0	194.4
66°	190.9	192.2	192.7	192.8	194.1	193.6	193.2	192.1	191.2	190.5	189.9

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997250

CATALOG NUMBER: SMX8SLSFS010-1500LM-5000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	176.8	178.2	178.8	178.8	180.4	179.9	179.4	178.4	177.1	176.4	175.8
68°	172.0	173.5	173.8	174.1	175.7	175.0	174.7	173.5	172.5	171.7	171.1
68.5°	167.7	168.8	169.1	169.4	170.8	170.3	169.9	168.7	167.7	167.0	166.5
69°	162.8	163.9	164.3	164.8	166.1	165.8	165.4	164.0	163.0	162.3	161.8
69.5°	157.9	159.2	159.8	160.0	161.5	161.1	160.6	159.3	158.2	157.5	156.9
70°	153.4	154.5	154.9	155.6	156.7	156.2	155.9	154.5	153.6	152.8	152.1
70.5°	148.6	150.0	150.5	150.8	152.1	151.6	151.2	149.8	148.8	148.1	147.5
71°	143.8	145.2	145.6	146.2	147.2	146.9	146.6	145.2	144.2	143.4	142.6
71.5°	139.0	140.4	140.9	141.4	142.6	142.2	141.6	140.2	139.3	138.7	137.9
72°	134.5	135.5	136.1	136.7	137.8	137.4	136.9	135.6	134.5	133.8	133.2
72.5°	129.5	130.8	131.4	132.0	133.0	132.5	132.0	130.9	129.8	129.0	128.3
73°	124.7	126.1	126.6	127.0	128.2	127.8	127.3	126.0	125.1	124.2	123.5
73.5°	119.8	121.3	121.9	122.2	123.4	123.0	122.4	121.3	120.1	119.4	118.7
74°	115.1	116.6	117.0	117.5	118.5	118.4	117.9	116.5	115.6	114.6	113.9
74.5°	110.6	112.0	112.4	112.7	113.8	113.6	113.2	111.6	110.9	110.0	109.6
75°	106.0	107.3	107.9	107.9	109.3	108.9	108.5	107.3	106.3	105.3	104.9
75.5°	101.3	102.6	103.1	103.2	104.7	104.2	103.9	102.6	101.5	100.8	100.2
76°	96.4	97.8	98.2	98.4	99.9	99.6	99.2	97.9	97.0	96.1	95.6
76.5°	91.8	93.1	93.7	93.7	95.4	94.9	94.6	93.3	92.1	91.2	90.8
77°	87.2	88.5	89.0	89.0	90.5	90.2	90.0	88.7	87.5	86.7	86.2
77.5°	82.5	83.9	84.4	84.3	86.1	85.5	85.5	84.0	82.9	82.1	81.8
78°	78.0	79.4	79.7	79.8	81.4	81.0	80.8	79.4	78.2	77.5	77.1
78.5°	73.5	74.8	75.2	75.4	76.8	76.4	76.1	74.8	73.8	73.1	72.7
79°	69.2	70.4	70.8	70.9	72.2	72.1	71.9	70.3	69.5	68.7	68.6
79.5°	64.9	66.0	66.5	66.6	67.8	67.7	67.4	66.0	65.1	64.3	64.0
80°	60.4	61.6	62.1	62.2	63.5	63.4	63.0	61.7	60.9	60.1	59.6
80.5°	56.1	57.2	57.8	57.9	59.4	59.1	58.8	57.5	56.8	56.0	55.7
81°	52.2	53.1	53.6	53.7	55.2	55.1	54.7	53.5	52.7	52.0	51.7
81.5°	48.1	49.0	49.6	49.6	51.3	50.9	50.6	49.5	48.6	47.8	47.5
82°	43.8	44.8	45.3	45.5	47.1	47.0	46.5	45.4	44.7	43.8	43.5
82.5°	39.7	40.8	41.3	41.4	43.1	43.0	42.6	41.6	40.8	40.1	39.7
83°	35.9	36.7	37.1	37.4	39.2	39.1	38.7	37.7	37.0	36.2	36.0
83.5°	32.1	32.9	33.2	33.4	35.4	35.3	34.9	33.9	33.2	32.6	32.3
84°	28.7	29.4	29.8	29.7	31.6	31.6	31.2	30.3	29.5	29.0	28.7
84.5°	25.4	26.2	26.5	26.5	28.1	28.2	27.9	27.0	26.4	25.9	25.7
85°	22.3	23.1	23.3	23.4	25.0	25.0	24.7	23.9	23.1	22.6	22.5
85.5°	19.2	20.0	20.2	20.3	21.8	21.8	21.5	20.7	20.0	19.6	19.5
86°	16.5	17.2	17.4	17.3	18.7	18.8	18.5	17.7	17.1	16.7	16.6
86.5°	14.0	14.7	14.7	14.7	15.9	15.9	15.7	15.0	14.4	14.1	14.1
87°	11.8	12.3	12.5	12.4	13.3	13.4	13.1	12.5	11.9	11.7	11.7
87.5°	9.7	10.3	10.4	10.2	11.0	11.0	10.9	10.2	9.7	9.6	9.6
88°	8.1	8.5	8.5	8.3	8.8	8.8	8.6	8.2	7.7	7.7	7.7
88.5°	6.7	6.9	6.9	6.7	6.9	7.0	6.9	6.3	5.9	6.0	6.2

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

Scaled Data Report



TEST NUMBER: P997250
CATALOG NUMBER: SMX8SLSFS010-1500LM-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: P997250

CATALOG NUMBER: SMX8SLSFS010-1500LM-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	537.7	537.7	537.7	537.7	537.7	537.7
0.5°	537.8	537.8	537.3	538.1	537.7	537.0
1°	537.8	537.8	537.1	537.6	537.9	537.0
1.5°	537.4	537.6	537.2	537.7	537.6	536.7
2°	537.5	537.4	537.0	537.4	537.5	536.6
2.5°	536.9	537.2	537.1	537.3	536.9	536.3
3°	536.9	536.8	536.7	536.7	537.1	536.3
3.5°	536.4	536.3	536.5	536.7	536.7	536.1
4°	536.3	536.1	535.7	536.1	536.5	536.0
4.5°	535.6	535.6	535.4	535.7	535.8	535.7
5°	535.3	535.3	535.0	535.2	535.4	535.0
5.5°	534.6	534.6	534.5	534.8	534.8	534.5
6°	534.2	534.2	533.8	533.9	534.4	533.9
6.5°	533.5	533.5	533.3	533.5	533.7	533.5
7°	533.0	532.8	532.6	533.0	533.3	532.9
7.5°	532.2	532.1	531.9	532.1	532.4	532.5
8°	531.8	531.3	531.1	531.3	531.9	531.4
8.5°	531.0	530.6	530.5	531.0	531.0	530.9
9°	530.2	530.1	529.6	530.1	530.5	529.9
9.5°	529.3	529.1	528.9	529.4	529.6	529.3
10°	528.5	528.2	527.8	528.5	528.8	528.5
10.5°	527.4	527.4	526.9	527.6	527.9	527.5
11°	526.6	526.4	526.2	526.7	527.0	526.4
11.5°	525.3	525.3	525.2	525.7	525.9	525.6
12°	524.3	524.1	523.9	524.6	524.8	524.6
12.5°	523.0	523.2	523.1	523.6	523.7	523.6
13°	522.0	522.2	521.5	522.3	522.6	522.3
13.5°	520.6	520.9	520.5	521.1	521.3	521.1
14°	519.6	519.6	519.0	519.8	520.2	519.7
14.5°	518.3	518.3	517.9	518.6	518.9	518.7
15°	516.9	517.0	516.4	517.5	517.8	517.4
15.5°	515.4	515.7	515.3	516.2	516.4	516.2
16°	514.0	514.2	514.0	514.7	515.1	514.9
16.5°	512.4	513.1	512.6	513.2	513.4	513.5
17°	511.0	511.6	510.8	511.7	512.0	511.7
17.5°	509.4	509.9	509.2	510.0	510.3	510.3
18°	507.9	508.3	507.6	508.8	509.1	508.8
18.5°	506.2	506.5	506.1	507.0	507.2	507.4
19°	504.8	504.8	504.3	505.4	505.7	505.5
19.5°	503.1	502.9	502.8	503.7	503.8	503.9
20°	501.4	501.5	500.9	502.1	502.4	502.0
20.5°	499.5	499.7	499.4	499.9	500.3	500.4
21°	497.5	497.6	497.1	498.2	498.6	498.5

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997250

CATALOG NUMBER: SMX8SLSFS010-1500LM-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	491.5	492.1	491.6	492.7	492.5	492.9
23°	489.6	489.8	489.5	490.7	490.7	490.8
23.5°	487.5	487.6	487.9	488.8	488.4	489.0
24°	485.5	485.4	485.6	486.9	486.7	486.8
24.5°	483.3	483.3	483.4	484.9	484.4	484.8
25°	481.1	481.0	481.2	482.9	482.7	482.2
25.5°	479.0	478.9	479.1	480.8	480.2	480.4
26°	476.7	476.8	476.8	478.3	478.0	477.7
26.5°	474.3	474.4	474.3	475.8	475.3	475.6
27°	472.1	471.8	471.9	473.4	473.2	473.0
27.5°	469.5	469.5	469.4	471.0	470.6	471.0
28°	467.2	467.2	467.0	468.7	468.4	468.3
28.5°	464.5	464.6	464.6	466.0	465.7	465.9
29°	462.1	461.8	462.2	463.8	463.4	463.3
29.5°	459.4	459.3	459.9	461.2	460.7	461.1
30°	457.1	457.0	457.3	458.7	458.2	458.5
30.5°	454.4	454.3	454.6	455.9	455.6	455.9
31°	451.9	451.4	451.9	453.4	453.1	453.2
31.5°	449.0	448.8	449.2	450.6	450.3	450.6
32°	446.4	446.4	446.5	447.8	447.6	447.6
32.5°	443.7	443.7	444.2	445.2	444.8	445.3
33°	441.1	441.0	441.3	442.3	442.1	442.7
33.5°	438.3	438.1	438.4	439.7	439.5	439.5
34°	435.5	435.3	435.7	436.7	436.7	436.5
34.5°	432.4	432.4	432.7	433.6	433.8	433.9
35°	429.5	429.5	429.9	430.7	430.9	431.0
35.5°	426.5	426.3	426.9	427.8	427.9	428.2
36°	423.6	423.2	424.0	424.9	425.1	425.1
36.5°	420.4	420.4	420.6	421.7	421.9	422.1
37°	417.2	417.3	417.7	418.8	418.8	419.0
37.5°	414.0	414.3	414.7	415.4	415.7	416.0
38°	410.8	411.2	411.5	412.1	412.7	412.9
38.5°	407.6	407.7	408.2	408.9	409.4	409.7
39°	404.4	404.7	405.0	405.8	406.4	406.5
39.5°	401.5	401.4	402.0	402.7	403.2	403.3
40°	398.2	398.1	398.7	399.5	399.9	400.2
40.5°	394.7	394.8	395.2	396.2	396.6	396.7
41°	391.4	391.5	391.8	392.6	393.3	393.4
41.5°	388.0	388.0	388.4	389.2	389.7	390.1
42°	384.5	384.7	385.0	385.9	386.3	386.7
42.5°	381.1	381.2	381.8	382.4	383.1	383.2
43°	377.6	377.9	378.3	378.9	379.7	379.8
43.5°	374.0	374.1	374.9	375.4	376.2	376.3

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997250

CATALOG NUMBER: SMX8SLSFS010-1500LM-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	363.5	363.5	364.0	364.9	365.8	365.7
45.5°	360.1	360.0	360.5	361.2	362.3	362.1
46°	356.6	356.5	356.9	357.8	358.6	358.4
46.5°	352.8	352.9	353.2	354.1	354.8	355.0
47°	349.2	349.0	349.3	350.5	351.2	351.1
47.5°	345.4	345.2	345.7	346.6	347.5	347.5
48°	341.7	341.6	341.9	342.9	343.6	343.6
48.5°	338.0	337.8	338.1	339.0	339.9	339.9
49°	334.1	333.8	334.1	335.4	336.0	335.8
49.5°	330.3	329.9	330.5	331.2	332.2	332.0
50°	326.3	326.0	326.5	327.5	328.1	328.3
50.5°	322.5	322.1	322.6	323.5	324.4	324.3
51°	318.7	318.4	318.8	319.6	320.7	320.6
51.5°	314.9	314.4	314.9	315.8	316.8	316.5
52°	310.9	310.5	310.7	311.6	312.6	312.7
52.5°	306.9	306.3	306.7	307.6	308.8	308.6
53°	302.9	302.3	302.7	303.6	304.5	304.6
53.5°	298.9	298.3	298.7	299.5	300.5	300.5
54°	294.6	293.9	294.3	295.3	296.2	296.5
54.5°	290.5	289.8	290.3	291.2	292.2	292.2
55°	286.3	285.6	286.1	287.1	287.9	288.2
55.5°	282.2	281.5	282.0	282.7	283.7	283.8
56°	277.9	277.4	277.7	278.7	279.6	279.9
56.5°	273.9	273.3	273.9	274.5	275.4	275.8
57°	269.6	268.8	269.5	270.4	271.1	271.6
57.5°	265.4	264.7	265.1	265.6	266.9	266.8
58°	261.1	260.2	260.6	261.5	262.2	262.9
58.5°	256.9	256.1	256.6	257.1	258.2	258.6
59°	252.6	251.7	251.9	252.9	253.6	254.0
59.5°	248.0	247.3	247.5	248.3	249.3	249.5
60°	243.6	242.8	243.1	244.1	244.7	245.4
60.5°	239.3	238.3	238.6	239.4	240.4	240.9
61°	234.9	233.8	234.3	235.1	236.1	236.5
61.5°	230.4	229.3	230.1	230.5	231.7	232.1
62°	225.8	224.9	225.3	226.1	227.2	227.6
62.5°	221.3	220.4	220.7	221.4	222.5	223.1
63°	216.7	215.8	216.2	216.8	217.8	218.5
63.5°	212.2	211.2	211.7	212.3	213.4	214.1
64°	207.6	206.6	207.1	207.8	208.8	209.1
64.5°	203.0	202.0	202.4	203.0	204.3	204.6
65°	198.6	197.3	197.7	198.5	199.5	200.2
65.5°	194.0	192.6	193.4	193.9	195.1	195.7
66°	189.5	188.1	188.7	189.2	190.4	190.9

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997250

CATALOG NUMBER: SMX8SLSFS010-1500LM-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	175.4	174.1	174.5	175.3	176.5	176.8
68°	170.7	169.3	169.8	170.5	171.8	172.0
68.5°	166.0	164.7	165.1	165.6	167.1	167.7
69°	161.4	159.9	160.2	161.0	162.2	162.8
69.5°	156.4	155.2	155.5	156.1	157.5	157.9
70°	151.9	150.4	150.8	151.5	152.8	153.4
70.5°	147.0	145.7	146.1	146.9	148.0	148.6
71°	142.2	140.9	141.4	142.1	143.3	143.8
71.5°	137.4	136.1	136.5	137.3	138.6	139.0
72°	132.6	131.3	131.6	132.5	133.8	134.5
72.5°	127.8	126.5	127.0	127.8	129.0	129.5
73°	123.1	121.6	122.2	122.9	124.1	124.7
73.5°	118.4	117.0	117.2	118.1	119.5	119.8
74°	113.6	112.3	112.8	113.4	114.7	115.1
74.5°	109.0	107.7	108.2	108.9	110.2	110.6
75°	104.5	102.9	103.4	104.2	105.4	106.0
75.5°	99.7	98.4	98.7	99.3	100.5	101.3
76°	95.0	93.7	94.1	94.8	95.8	96.4
76.5°	90.2	88.9	89.3	90.1	91.1	91.8
77°	85.6	84.3	84.8	85.5	86.5	87.2
77.5°	81.1	79.6	80.1	80.8	81.9	82.5
78°	76.5	75.2	75.7	76.5	77.3	78.0
78.5°	72.2	70.8	71.1	71.8	72.9	73.5
79°	67.9	66.5	66.9	67.6	68.5	69.2
79.5°	63.4	61.9	62.4	63.3	64.3	64.9
80°	59.3	57.8	58.0	58.9	59.8	60.4
80.5°	55.4	53.6	53.8	54.7	55.6	56.1
81°	51.2	49.5	49.9	50.6	51.4	52.2
81.5°	47.0	45.4	45.8	46.6	47.3	48.1
82°	43.1	41.3	41.8	42.5	43.3	43.8
82.5°	39.3	37.3	37.7	38.4	39.2	39.7
83°	35.5	33.3	33.8	34.4	35.3	35.9
83.5°	32.0	29.7	30.3	30.7	31.5	32.1
84°	28.4	26.6	27.0	27.6	28.2	28.7
84.5°	25.3	23.5	23.7	24.3	25.0	25.4
85°	22.1	20.3	20.7	21.3	21.9	22.3
85.5°	19.2	17.5	18.0	18.4	19.0	19.2
86°	16.4	15.0	15.4	15.9	16.3	16.5
86.5°	13.9	12.6	13.1	13.5	13.9	14.0
87°	11.6	10.5	10.9	11.4	11.7	11.8
87.5°	9.6	8.7	9.3	9.6	9.8	9.7
88°	7.7	7.1	7.6	8.1	8.1	8.1
88.5°	6.1	5.8	6.5	6.7	6.6	6.7

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Scaled Data Report



TEST NUMBER: P997250
CATALOG NUMBER: SMX8SLSFS010-1500LM-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
90°	0.0	0.0	0.0	0.0	0.0	0.0

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Scaled Data Report

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Report Generated By 670245859 / DESKTOP-T8S5UU9

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

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21.5°	496.8	497.6	497.1	497.0	496.9	496.7	496.8	495.8	494.8	495.3	495.5
22°	494.7	495.5	495.3	495.1	495.3	494.7	494.7	493.9	492.8	493.4	493.7



44°	372.7	373.6	373.7	373.9	374.0	373.2	373.0	372.0	371.2	371.8	371.2
44.5°	369.2	370.1	370.4	370.4	370.3	369.8	369.2	368.6	367.5	368.3	367.7



66.5°	186.3	187.4	188.1	188.1	189.6	189.0	188.7	187.6	186.4	185.8	185.2
67°	181.5	182.8	183.4	183.6	184.9	184.4	184.1	182.9	181.8	181.2	180.6

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89°	5.3	5.6	5.5	5.2	5.3	5.4	5.3	4.8	4.6	4.6	4.8
89.5°	4.1	4.3	4.4	4.1	3.9	4.0	3.9	3.5	3.3	3.5	3.7

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21.5°	495.6	495.8	495.3	496.5	496.7	496.8
22°	493.8	494.1	493.4	494.7	494.9	494.7

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44°	370.6	370.4	371.2	372.0	372.7	372.7
44.5°	367.0	367.0	367.6	368.3	369.3	369.2

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66.5°	184.9	183.5	184.1	184.7	185.8	186.3
67°	180.3	178.9	179.3	179.9	181.0	181.5

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89°	4.8	4.6	5.2	5.5	5.4	5.3
89.5°	3.6	3.8	4.3	4.5	4.4	4.1

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(END OF REPORT)