

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: P997233

Luminaire Tested: **SMX8RLSFS010-1500LM-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: P997233
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-3500K
Description: 8IN ROUND, 90CRI, 0-10V DIMMING, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 3500K CCT
Ballast/Driver: -

Summary

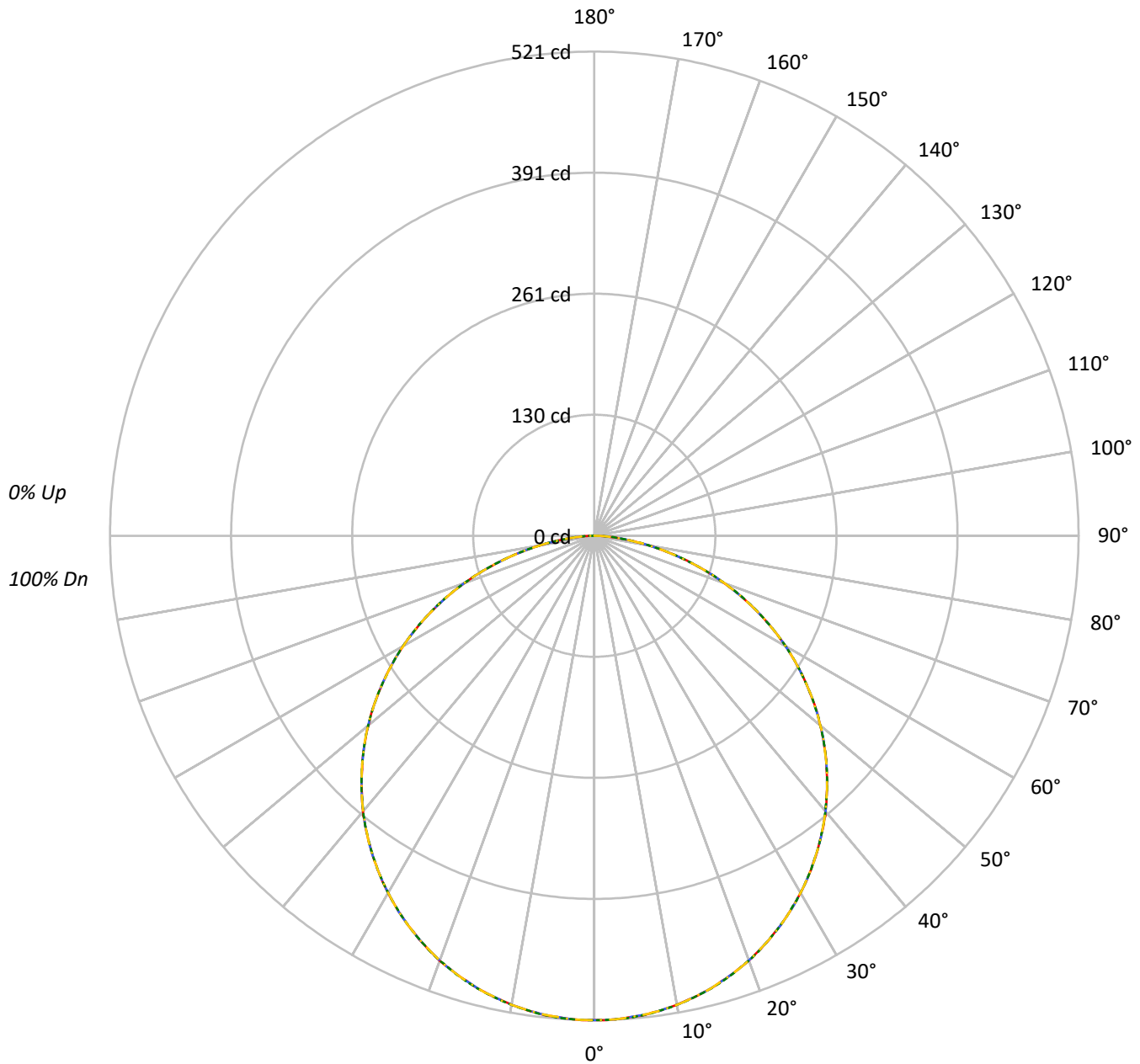
Lumens per Lamp: N/A
Luminaire Lumens: 1516.9 lumens
Efficiency: N/A
Efficacy: 96.6 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.26 / 1.39
Luminous Opening: Circular (Dia: 0.67' x H: 0')
CIE Type: Direct

Input Watts (W): 15.7
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					10
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°	15915	15915	15915	15915
5°	15906	15915	15906	15915
10°	15888	15885	15888	15885
15°	15854	15854	15854	15854
20°	15803	15806	15803	15806
25°	15718	15728	15718	15728
30°	15638	15642	15638	15642
35°	15542	15534	15542	15534
40°	15436	15416	15436	15416
45°	15254	15271	15254	15271
50°	15075	15080	15075	15080
55°	14829	14840	14829	14840
60°	14496	14514	14496	14514
65°	13993	14044	13993	14044
70°	13265	13283	13265	13283
75°	12114	12150	12114	12150
80°	10338	10426	10338	10426
85°	7777	8197	7777	8197



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	49.3	3.3
10°-20°	141.5	9.3
20°-30°	215.1	14.2
30°-40°	260.8	17.2
40°-50°	272.7	18.0
50°-60°	249.0	16.4
60°-70°	191.7	12.6
70°-80°	108.8	7.2
80°-90°	28.0	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°	406.0	26.8
0°-40°	666.8	44.0
0°-60°	1188.5	78.4
0°-90°	1516.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1516.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	521	521	521	521	521	
5°	519	519	519	519	519	49
15°	502	502	502	502	502	142
25°	467	467	467	467	467	215
35°	417	417	417	417	417	261
45°	353	354	353	354	353	273
55°	279	279	279	279	279	249
65°	194	194	194	194	194	192
75°	103	103	103	103	103	109
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°	521.3	521.3	521.3	521.3	521.3	521.3	521.3	521.3	521.3	521.3	521.3
0.5°	521.3	521.7	521.2	521.3	521.2	521.3	521.2	521.7	521.3	521.7	521.2
1°	521.4	521.4	521.1	521.2	521.3	521.2	521.1	521.4	521.4	521.4	521.1
1.5°	521.4	521.3	521.1	520.9	521.1	520.9	521.1	521.3	521.4	521.3	521.1
2°	521.1	521.3	520.9	520.7	521.0	520.7	520.9	521.3	521.1	521.3	520.9
2.5°	520.8	521.0	520.9	520.6	520.9	520.6	520.9	521.0	520.8	521.0	520.9
3°	520.6	520.4	520.4	520.6	520.6	520.6	520.4	520.4	520.6	520.4	520.4
3.5°	520.2	520.3	520.2	520.2	520.6	520.2	520.2	520.3	520.2	520.3	520.2
4°	519.6	519.9	519.6	520.1	520.2	520.1	519.6	519.9	519.6	519.9	519.6
4.5°	519.4	519.6	519.2	519.4	519.9	519.4	519.2	519.6	519.4	519.6	519.2
5°	519.0	519.1	518.8	519.2	519.3	519.2	518.8	519.1	519.0	519.1	518.8
5.5°	518.9	518.7	518.4	518.6	519.1	518.6	518.4	518.7	518.9	518.7	518.4
6°	518.5	518.1	517.9	518.2	518.4	518.2	517.9	518.1	518.5	518.1	517.9
6.5°	517.6	517.4	517.5	517.5	517.9	517.5	517.5	517.4	517.6	517.4	517.5
7°	516.8	516.9	516.8	517.1	517.2	517.1	516.8	516.9	516.8	516.9	516.8
7.5°	516.3	516.4	516.4	516.4	516.4	516.4	516.4	516.4	516.3	516.4	516.4
8°	515.8	515.6	515.8	515.6	515.5	515.6	515.8	515.6	515.8	515.6	515.8
8.5°	514.8	515.0	514.8	514.7	515.0	514.7	514.8	515.0	514.8	515.0	514.8
9°	514.0	514.2	514.1	514.0	514.2	514.0	514.1	514.2	514.0	514.2	514.1
9.5°	513.1	513.5	513.1	513.2	513.4	513.2	513.1	513.5	513.1	513.5	513.1
10°	512.5	512.4	512.4	512.4	512.4	512.4	512.4	512.4	512.5	512.4	512.4
10.5°	511.3	511.6	511.6	511.3	511.7	511.3	511.6	511.6	511.3	511.6	511.6
11°	510.3	510.6	510.6	510.5	510.7	510.5	510.6	510.6	510.3	510.6	510.6
11.5°	509.2	509.7	509.5	509.4	509.7	509.4	509.5	509.7	509.2	509.7	509.5
12°	508.5	508.4	508.3	508.6	508.6	508.6	508.3	508.4	508.5	508.4	508.3
12.5°	507.4	507.6	507.3	507.6	507.6	507.6	507.3	507.6	507.4	507.6	507.3
13°	506.3	506.4	506.2	506.5	506.4	506.5	506.2	506.4	506.3	506.4	506.2
13.5°	505.2	505.2	505.3	505.4	505.4	505.4	505.3	505.2	505.2	505.2	505.3
14°	504.0	504.2	503.9	504.2	504.0	504.2	503.9	504.2	504.0	504.2	503.9
14.5°	502.9	502.9	502.8	502.8	503.1	502.8	502.8	502.9	502.9	502.9	502.8
15°	501.6	501.4	501.2	501.6	501.6	501.6	501.2	501.4	501.6	501.4	501.2
15.5°	499.9	500.2	499.7	500.3	500.4	500.3	499.7	500.2	499.9	500.2	499.7
16°	498.3	498.5	498.4	498.9	499.0	498.9	498.4	498.5	498.3	498.5	498.4
16.5°	497.2	497.3	497.2	497.3	497.5	497.3	497.2	497.3	497.2	497.3	497.2
17°	495.8	495.6	495.8	495.8	496.1	495.8	495.8	495.6	495.8	495.6	495.8
17.5°	494.3	494.1	494.2	494.2	494.6	494.2	494.2	494.1	494.3	494.1	494.2
18°	492.7	492.5	492.6	492.8	493.0	492.8	492.6	492.5	492.7	492.5	492.6
18.5°	491.1	491.0	491.2	491.1	491.2	491.1	491.2	491.0	491.1	491.0	491.2
19°	489.7	489.4	489.6	489.5	489.5	489.5	489.6	489.4	489.7	489.4	489.6
19.5°	488.0	487.9	488.0	487.8	487.9	487.8	488.0	487.9	488.0	487.9	488.0
20°	486.4	486.1	486.2	486.2	486.5	486.2	486.2	486.1	486.4	486.1	486.2
20.5°	484.6	484.3	484.4	484.5	484.7	484.5	484.4	484.3	484.6	484.3	484.4
21°	482.6	482.3	482.5	483.0	482.8	483.0	482.5	482.3	482.6	482.3	482.5

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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°	476.9	476.9	476.9	476.9	477.1	476.9	476.9	476.9	476.9	476.9	476.9
23°	475.2	474.7	475.1	475.0	475.1	475.0	475.1	474.7	475.2	474.7	475.1
23.5°	473.2	472.9	473.1	473.1	473.0	473.1	473.1	472.9	473.2	472.9	473.1
24°	470.9	470.7	471.1	471.1	471.0	471.1	471.1	470.7	470.9	470.7	471.1
24.5°	468.7	468.8	468.9	469.0	468.9	469.0	468.9	468.8	468.7	468.8	468.9
25°	466.6	466.5	466.8	466.9	466.9	466.9	466.8	466.5	466.6	466.5	466.8
25.5°	464.7	464.5	464.7	464.7	464.6	464.7	464.7	464.5	464.7	464.5	464.7
26°	462.5	462.3	462.6	462.5	462.5	462.5	462.6	462.3	462.5	462.3	462.6
26.5°	460.2	460.1	460.4	460.3	460.4	460.3	460.4	460.1	460.2	460.1	460.4
27°	457.9	457.8	458.1	458.0	458.0	458.0	458.1	457.8	457.9	457.8	458.1
27.5°	455.8	455.5	455.8	455.7	455.6	455.7	455.8	455.5	455.8	455.5	455.8
28°	453.5	452.9	453.5	453.3	453.2	453.3	453.5	452.9	453.5	452.9	453.5
28.5°	451.0	450.6	451.2	450.8	450.8	450.8	451.2	450.6	451.0	450.6	451.2
29°	448.6	448.4	448.6	448.6	448.7	448.6	448.6	448.4	448.6	448.4	448.6
29.5°	446.2	446.0	446.1	446.0	446.1	446.0	446.1	446.0	446.2	446.0	446.1
30°	443.6	443.5	443.7	443.6	443.7	443.6	443.7	443.5	443.6	443.5	443.7
30.5°	441.3	440.9	441.1	441.1	441.2	441.1	441.1	440.9	441.3	440.9	441.1
31°	438.7	438.3	438.6	438.7	438.6	438.7	438.6	438.3	438.7	438.3	438.6
31.5°	436.3	435.6	435.9	436.1	436.0	436.1	435.9	435.6	436.3	435.6	435.9
32°	433.6	433.1	433.4	433.6	433.3	433.6	433.4	433.1	433.6	433.1	433.4
32.5°	430.7	430.6	430.7	430.8	430.8	430.8	430.7	430.6	430.7	430.6	430.7
33°	428.3	427.9	428.1	428.2	428.2	428.2	428.1	427.9	428.3	427.9	428.1
33.5°	425.3	425.2	425.3	425.3	425.3	425.3	425.3	425.2	425.3	425.2	425.3
34°	422.5	422.6	422.7	422.7	422.3	422.7	422.7	422.6	422.5	422.6	422.7
34.5°	419.9	419.7	419.7	419.7	419.6	419.7	419.7	419.7	419.9	419.7	419.7
35°	417.0	416.9	416.9	417.0	416.8	417.0	416.9	416.9	417.0	416.9	416.9
35.5°	414.0	414.1	414.2	414.1	414.0	414.1	414.2	414.1	414.0	414.1	414.2
36°	411.2	411.2	411.4	411.3	411.1	411.3	411.4	411.2	411.2	411.2	411.4
36.5°	408.4	408.3	408.4	408.1	408.2	408.1	408.4	408.3	408.4	408.3	408.4
37°	405.3	405.3	405.4	405.2	405.1	405.2	405.4	405.3	405.3	405.3	405.4
37.5°	402.4	402.3	402.3	402.1	402.3	402.1	402.3	402.3	402.4	402.3	402.3
38°	399.4	399.0	399.3	399.2	399.3	399.2	399.3	399.0	399.4	399.0	399.3
38.5°	396.6	396.0	396.3	396.2	396.3	396.2	396.3	396.0	396.6	396.0	396.3
39°	393.3	393.0	393.3	393.2	393.3	393.2	393.3	393.0	393.3	393.0	393.3
39.5°	390.6	390.0	390.1	389.9	390.1	389.9	390.1	390.0	390.6	390.0	390.1
40°	387.3	386.8	387.1	386.8	386.8	386.8	387.1	386.8	387.3	386.8	387.1
40.5°	383.8	383.6	383.6	383.6	383.4	383.6	383.6	383.6	383.8	383.6	383.6
41°	380.5	380.4	380.4	380.5	380.1	380.5	380.4	380.4	380.5	380.4	380.4
41.5°	377.1	377.1	377.1	377.1	376.9	377.1	377.1	377.1	377.1	377.1	377.1
42°	373.8	373.9	373.9	374.0	373.9	374.0	373.9	373.9	373.8	373.9	373.9
42.5°	370.6	370.4	370.7	370.7	370.8	370.7	370.7	370.4	370.6	370.4	370.7
43°	367.2	367.0	367.1	367.4	367.4	367.4	367.1	367.0	367.2	367.0	367.1
43.5°	363.7	363.6	363.8	364.0	363.9	364.0	363.8	363.6	363.7	363.6	363.8

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	353.3	353.4	353.6	353.6	353.7	353.6	353.6	353.4	353.3	353.4	353.6
45.5°	350.2	349.8	350.1	350.0	350.1	350.0	350.1	349.8	350.2	349.8	350.1
46°	346.6	346.3	346.4	346.6	346.6	346.6	346.4	346.3	346.6	346.3	346.4
46.5°	343.0	342.9	342.9	342.9	343.1	342.9	342.9	342.9	343.0	342.9	342.9
47°	339.4	339.4	339.3	339.3	339.5	339.3	339.3	339.4	339.4	339.4	339.3
47.5°	335.8	335.8	335.9	336.0	335.9	336.0	335.9	335.8	335.8	335.8	335.9
48°	332.1	332.2	332.3	332.3	332.1	332.3	332.3	332.2	332.1	332.2	332.3
48.5°	328.4	328.5	328.7	328.7	328.7	328.7	328.7	328.5	328.4	328.5	328.7
49°	324.9	324.8	325.1	325.1	324.9	325.1	325.1	324.8	324.9	324.8	325.1
49.5°	321.2	321.0	321.4	321.3	321.3	321.3	321.4	321.0	321.2	321.0	321.4
50°	317.4	317.3	317.5	317.7	317.5	317.7	317.5	317.3	317.4	317.3	317.5
50.5°	313.6	313.7	313.7	313.9	313.9	313.9	313.7	313.7	313.6	313.7	313.7
51°	310.2	309.9	309.8	310.3	310.0	310.3	309.8	309.9	310.2	309.9	309.8
51.5°	306.4	306.1	306.0	306.3	306.2	306.3	306.0	306.1	306.4	306.1	306.0
52°	302.5	302.2	302.3	302.3	302.4	302.3	302.3	302.2	302.5	302.2	302.3
52.5°	298.6	298.4	298.5	298.4	298.5	298.4	298.5	298.4	298.6	298.4	298.5
53°	294.6	294.5	294.6	294.5	294.6	294.5	294.6	294.5	294.6	294.5	294.6
53.5°	290.6	290.6	290.7	290.6	290.7	290.6	290.7	290.6	290.6	290.6	290.7
54°	286.6	286.5	286.7	286.7	286.6	286.7	286.7	286.5	286.6	286.5	286.7
54.5°	282.6	282.6	282.7	282.7	282.9	282.7	282.7	282.6	282.6	282.6	282.7
55°	278.6	278.6	278.8	278.8	278.8	278.8	278.8	278.6	278.6	278.6	278.8
55.5°	274.5	274.6	274.8	274.7	274.7	274.7	274.8	274.6	274.5	274.6	274.8
56°	270.7	270.7	270.5	270.7	270.5	270.7	270.5	270.7	270.7	270.7	270.5
56.5°	266.8	266.8	266.5	266.8	266.7	266.8	266.5	266.8	266.8	266.8	266.5
57°	262.6	262.6	262.5	262.6	262.5	262.6	262.5	262.6	262.6	262.6	262.5
57.5°	258.3	258.5	258.4	258.5	258.3	258.5	258.4	258.5	258.3	258.5	258.4
58°	254.4	254.3	254.4	254.3	254.2	254.3	254.4	254.3	254.4	254.3	254.4
58.5°	250.2	250.2	250.2	250.2	250.3	250.2	250.2	250.2	250.2	250.2	250.2
59°	245.9	246.0	246.1	246.0	246.0	246.0	246.1	246.0	245.9	246.0	246.1
59.5°	241.8	241.7	241.9	241.9	241.9	241.9	241.9	241.7	241.8	241.7	241.9
60°	237.4	237.5	237.6	237.8	237.7	237.8	237.6	237.5	237.4	237.5	237.6
60.5°	233.3	233.3	233.2	233.5	233.5	233.5	233.2	233.3	233.3	233.3	233.2
61°	229.0	229.0	228.8	229.2	229.1	229.2	228.8	229.0	229.0	229.0	228.8
61.5°	224.8	224.6	224.7	224.9	224.9	224.9	224.7	224.6	224.8	224.6	224.7
62°	220.4	220.3	220.4	220.5	220.5	220.5	220.4	220.3	220.4	220.3	220.4
62.5°	215.9	216.0	216.0	216.0	216.2	216.0	216.0	216.0	215.9	216.0	216.0
63°	211.6	211.6	211.7	211.6	211.8	211.6	211.7	211.6	211.6	211.6	211.7
63.5°	207.1	207.3	207.3	207.2	207.3	207.2	207.3	207.3	207.1	207.3	207.3
64°	202.7	202.7	202.9	202.7	203.0	202.7	202.9	202.7	202.7	202.7	202.9
64.5°	198.2	198.4	198.4	198.3	198.7	198.3	198.4	198.4	198.2	198.4	198.4
65°	193.7	193.9	194.1	194.1	194.4	194.1	194.1	193.9	193.7	193.9	194.1
65.5°	189.4	189.5	189.5	189.5	189.8	189.5	189.5	189.5	189.4	189.5	189.5
66°	184.9	184.9	185.0	185.0	185.1	185.0	185.0	184.9	184.9	184.9	185.0

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997233

CATALOG NUMBER: SMX8RLSFS010-1500LM-3500K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	171.4	171.4	171.4	171.5	171.7	171.5	171.4	171.4	171.4	171.4	171.4
68°	166.8	167.0	166.8	167.0	167.2	167.0	166.8	167.0	166.8	167.0	166.8
68.5°	162.4	162.4	162.3	162.5	162.7	162.5	162.3	162.4	162.4	162.4	162.3
69°	157.7	157.8	157.8	158.0	158.0	158.0	157.8	157.8	157.7	157.8	157.8
69.5°	153.1	153.3	153.3	153.1	153.3	153.1	153.3	153.3	153.1	153.3	153.3
70°	148.6	148.6	148.8	148.6	148.8	148.6	148.8	148.6	148.6	148.6	148.8
70.5°	144.1	144.2	144.0	144.2	144.1	144.2	144.0	144.2	144.1	144.2	144.0
71°	139.4	139.7	139.6	139.6	139.5	139.6	139.6	139.7	139.4	139.7	139.6
71.5°	134.8	135.0	134.9	135.0	134.9	135.0	134.9	135.0	134.8	135.0	134.9
72°	130.2	130.3	130.2	130.5	130.3	130.5	130.2	130.3	130.2	130.3	130.2
72.5°	125.6	125.6	125.6	125.7	125.8	125.7	125.6	125.6	125.6	125.6	125.6
73°	121.0	121.0	121.2	121.3	121.2	121.3	121.2	121.0	121.0	121.0	121.2
73.5°	116.3	116.4	116.5	116.7	116.5	116.7	116.5	116.4	116.3	116.4	116.5
74°	111.8	112.0	111.9	112.1	112.1	112.1	111.9	112.0	111.8	112.0	111.9
74.5°	107.2	107.2	107.3	107.5	107.6	107.5	107.3	107.2	107.2	107.2	107.3
75°	102.7	102.7	102.8	103.0	103.0	103.0	102.8	102.7	102.7	102.7	102.8
75.5°	98.2	98.1	98.3	98.4	98.6	98.4	98.3	98.1	98.2	98.1	98.3
76°	93.6	93.7	93.8	93.9	94.0	93.9	93.8	93.7	93.6	93.7	93.8
76.5°	89.0	89.1	89.2	89.5	89.6	89.5	89.2	89.1	89.0	89.1	89.2
77°	84.6	84.7	84.8	85.1	85.3	85.1	84.8	84.7	84.6	84.7	84.8
77.5°	80.1	80.2	80.4	80.7	80.9	80.7	80.4	80.2	80.1	80.2	80.4
78°	75.7	75.8	76.1	76.2	76.6	76.2	76.1	75.8	75.7	75.8	76.1
78.5°	71.4	71.5	71.7	71.8	72.1	71.8	71.7	71.5	71.4	71.5	71.7
79°	67.2	67.3	67.4	67.6	68.0	67.6	67.4	67.3	67.2	67.3	67.4
79.5°	63.0	63.0	63.2	63.4	63.6	63.4	63.2	63.0	63.0	63.0	63.2
80°	58.8	58.9	59.0	59.3	59.3	59.3	59.0	58.9	58.8	58.9	59.0
80.5°	54.8	54.8	55.1	55.3	55.3	55.3	55.1	54.8	54.8	54.8	55.1
81°	50.9	50.9	51.1	51.3	51.2	51.3	51.1	50.9	50.9	50.9	51.1
81.5°	46.9	46.9	47.1	47.3	47.2	47.3	47.1	46.9	46.9	46.9	47.1
82°	43.0	43.0	43.2	43.5	43.5	43.5	43.2	43.0	43.0	43.0	43.2
82.5°	39.2	39.2	39.4	39.9	40.0	39.9	39.4	39.2	39.2	39.2	39.4
83°	35.5	35.6	36.0	36.4	36.5	36.4	36.0	35.6	35.5	35.6	36.0
83.5°	31.7	31.9	32.4	32.8	33.1	32.8	32.4	31.9	31.7	31.9	32.4
84°	28.3	28.6	29.1	29.5	29.8	29.5	29.1	28.6	28.3	28.6	29.1
84.5°	25.2	25.4	25.8	26.3	26.9	26.3	25.8	25.4	25.2	25.4	25.8
85°	22.2	22.4	22.8	23.3	23.4	23.3	22.8	22.4	22.2	22.4	22.8
85.5°	19.4	19.5	19.9	20.4	21.0	20.4	19.9	19.5	19.4	19.5	19.9
86°	16.7	16.9	17.4	17.8	18.3	17.8	17.4	16.9	16.7	16.9	17.4
86.5°	14.2	14.3	14.9	15.5	16.1	15.5	14.9	14.3	14.2	14.3	14.9
87°	11.9	12.1	12.8	13.3	13.9	13.3	12.8	12.1	11.9	12.1	12.8
87.5°	9.7	10.1	10.7	11.2	11.9	11.2	10.7	10.1	9.7	10.1	10.7
88°	7.9	8.4	8.8	9.4	10.0	9.4	8.8	8.4	7.9	8.4	8.8
88.5°	6.4	6.6	7.2	7.7	8.4	7.7	7.2	6.6	6.4	6.6	7.2

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

Scaled Data Report



TEST NUMBER: P997233
CATALOG NUMBER: SMX8RLSFS010-1500LM-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: P997233

CATALOG NUMBER: SMX8RLSFS010-1500LM-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	521.3	521.3	521.3	521.3	521.3	521.3
0.5°	521.3	521.2	521.3	521.2	521.7	521.3
1°	521.2	521.3	521.2	521.1	521.4	521.4
1.5°	520.9	521.1	520.9	521.1	521.3	521.4
2°	520.7	521.0	520.7	520.9	521.3	521.1
2.5°	520.6	520.9	520.6	520.9	521.0	520.8
3°	520.6	520.6	520.6	520.4	520.4	520.6
3.5°	520.2	520.6	520.2	520.2	520.3	520.2
4°	520.1	520.2	520.1	519.6	519.9	519.6
4.5°	519.4	519.9	519.4	519.2	519.6	519.4
5°	519.2	519.3	519.2	518.8	519.1	519.0
5.5°	518.6	519.1	518.6	518.4	518.7	518.9
6°	518.2	518.4	518.2	517.9	518.1	518.5
6.5°	517.5	517.9	517.5	517.5	517.4	517.6
7°	517.1	517.2	517.1	516.8	516.9	516.8
7.5°	516.4	516.4	516.4	516.4	516.4	516.3
8°	515.6	515.5	515.6	515.8	515.6	515.8
8.5°	514.7	515.0	514.7	514.8	515.0	514.8
9°	514.0	514.2	514.0	514.1	514.2	514.0
9.5°	513.2	513.4	513.2	513.1	513.5	513.1
10°	512.4	512.4	512.4	512.4	512.4	512.5
10.5°	511.3	511.7	511.3	511.6	511.6	511.3
11°	510.5	510.7	510.5	510.6	510.6	510.3
11.5°	509.4	509.7	509.4	509.5	509.7	509.2
12°	508.6	508.6	508.6	508.3	508.4	508.5
12.5°	507.6	507.6	507.6	507.3	507.6	507.4
13°	506.5	506.4	506.5	506.2	506.4	506.3
13.5°	505.4	505.4	505.4	505.3	505.2	505.2
14°	504.2	504.0	504.2	503.9	504.2	504.0
14.5°	502.8	503.1	502.8	502.8	502.9	502.9
15°	501.6	501.6	501.6	501.2	501.4	501.6
15.5°	500.3	500.4	500.3	499.7	500.2	499.9
16°	498.9	499.0	498.9	498.4	498.5	498.3
16.5°	497.3	497.5	497.3	497.2	497.3	497.2
17°	495.8	496.1	495.8	495.8	495.6	495.8
17.5°	494.2	494.6	494.2	494.2	494.1	494.3
18°	492.8	493.0	492.8	492.6	492.5	492.7
18.5°	491.1	491.2	491.1	491.2	491.0	491.1
19°	489.5	489.5	489.5	489.6	489.4	489.7
19.5°	487.8	487.9	487.8	488.0	487.9	488.0
20°	486.2	486.5	486.2	486.2	486.1	486.4
20.5°	484.5	484.7	484.5	484.4	484.3	484.6
21°	483.0	482.8	483.0	482.5	482.3	482.6

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997233

CATALOG NUMBER: SMX8RLSFS010-1500LM-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	476.9	477.1	476.9	476.9	476.9	476.9
23°	475.0	475.1	475.0	475.1	474.7	475.2
23.5°	473.1	473.0	473.1	473.1	472.9	473.2
24°	471.1	471.0	471.1	471.1	470.7	470.9
24.5°	469.0	468.9	469.0	468.9	468.8	468.7
25°	466.9	466.9	466.9	466.8	466.5	466.6
25.5°	464.7	464.6	464.7	464.7	464.5	464.7
26°	462.5	462.5	462.5	462.6	462.3	462.5
26.5°	460.3	460.4	460.3	460.4	460.1	460.2
27°	458.0	458.0	458.0	458.1	457.8	457.9
27.5°	455.7	455.6	455.7	455.8	455.5	455.8
28°	453.3	453.2	453.3	453.5	452.9	453.5
28.5°	450.8	450.8	450.8	451.2	450.6	451.0
29°	448.6	448.7	448.6	448.6	448.4	448.6
29.5°	446.0	446.1	446.0	446.1	446.0	446.2
30°	443.6	443.7	443.6	443.7	443.5	443.6
30.5°	441.1	441.2	441.1	441.1	440.9	441.3
31°	438.7	438.6	438.7	438.6	438.3	438.7
31.5°	436.1	436.0	436.1	435.9	435.6	436.3
32°	433.6	433.3	433.6	433.4	433.1	433.6
32.5°	430.8	430.8	430.8	430.7	430.6	430.7
33°	428.2	428.2	428.2	428.1	427.9	428.3
33.5°	425.3	425.3	425.3	425.3	425.2	425.3
34°	422.7	422.3	422.7	422.7	422.6	422.5
34.5°	419.7	419.6	419.7	419.7	419.7	419.9
35°	417.0	416.8	417.0	416.9	416.9	417.0
35.5°	414.1	414.0	414.1	414.2	414.1	414.0
36°	411.3	411.1	411.3	411.4	411.2	411.2
36.5°	408.1	408.2	408.1	408.4	408.3	408.4
37°	405.2	405.1	405.2	405.4	405.3	405.3
37.5°	402.1	402.3	402.1	402.3	402.3	402.4
38°	399.2	399.3	399.2	399.3	399.0	399.4
38.5°	396.2	396.3	396.2	396.3	396.0	396.6
39°	393.2	393.3	393.2	393.3	393.0	393.3
39.5°	389.9	390.1	389.9	390.1	390.0	390.6
40°	386.8	386.8	386.8	387.1	386.8	387.3
40.5°	383.6	383.4	383.6	383.6	383.6	383.8
41°	380.5	380.1	380.5	380.4	380.4	380.5
41.5°	377.1	376.9	377.1	377.1	377.1	377.1
42°	374.0	373.9	374.0	373.9	373.9	373.8
42.5°	370.7	370.8	370.7	370.7	370.4	370.6
43°	367.4	367.4	367.4	367.1	367.0	367.2
43.5°	364.0	363.9	364.0	363.8	363.6	363.7

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997233

CATALOG NUMBER: SMX8RLSFS010-1500LM-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	353.6	353.7	353.6	353.6	353.4	353.3
45.5°	350.0	350.1	350.0	350.1	349.8	350.2
46°	346.6	346.6	346.6	346.4	346.3	346.6
46.5°	342.9	343.1	342.9	342.9	342.9	343.0
47°	339.3	339.5	339.3	339.3	339.4	339.4
47.5°	336.0	335.9	336.0	335.9	335.8	335.8
48°	332.3	332.1	332.3	332.3	332.2	332.1
48.5°	328.7	328.7	328.7	328.7	328.5	328.4
49°	325.1	324.9	325.1	325.1	324.8	324.9
49.5°	321.3	321.3	321.3	321.4	321.0	321.2
50°	317.7	317.5	317.7	317.5	317.3	317.4
50.5°	313.9	313.9	313.9	313.7	313.7	313.6
51°	310.3	310.0	310.3	309.8	309.9	310.2
51.5°	306.3	306.2	306.3	306.0	306.1	306.4
52°	302.3	302.4	302.3	302.3	302.2	302.5
52.5°	298.4	298.5	298.4	298.5	298.4	298.6
53°	294.5	294.6	294.5	294.6	294.5	294.6
53.5°	290.6	290.7	290.6	290.7	290.6	290.6
54°	286.7	286.6	286.7	286.7	286.5	286.6
54.5°	282.7	282.9	282.7	282.7	282.6	282.6
55°	278.8	278.8	278.8	278.8	278.6	278.6
55.5°	274.7	274.7	274.7	274.8	274.6	274.5
56°	270.7	270.5	270.7	270.5	270.7	270.7
56.5°	266.8	266.7	266.8	266.5	266.8	266.8
57°	262.6	262.5	262.6	262.5	262.6	262.6
57.5°	258.5	258.3	258.5	258.4	258.5	258.3
58°	254.3	254.2	254.3	254.4	254.3	254.4
58.5°	250.2	250.3	250.2	250.2	250.2	250.2
59°	246.0	246.0	246.0	246.1	246.0	245.9
59.5°	241.9	241.9	241.9	241.9	241.7	241.8
60°	237.8	237.7	237.8	237.6	237.5	237.4
60.5°	233.5	233.5	233.5	233.2	233.3	233.3
61°	229.2	229.1	229.2	228.8	229.0	229.0
61.5°	224.9	224.9	224.9	224.7	224.6	224.8
62°	220.5	220.5	220.5	220.4	220.3	220.4
62.5°	216.0	216.2	216.0	216.0	216.0	215.9
63°	211.6	211.8	211.6	211.7	211.6	211.6
63.5°	207.2	207.3	207.2	207.3	207.3	207.1
64°	202.7	203.0	202.7	202.9	202.7	202.7
64.5°	198.3	198.7	198.3	198.4	198.4	198.2
65°	194.1	194.4	194.1	194.1	193.9	193.7
65.5°	189.5	189.8	189.5	189.5	189.5	189.4
66°	185.0	185.1	185.0	185.0	184.9	184.9

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997233

CATALOG NUMBER: SMX8RLSFS010-1500LM-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	171.5	171.7	171.5	171.4	171.4	171.4
68°	167.0	167.2	167.0	166.8	167.0	166.8
68.5°	162.5	162.7	162.5	162.3	162.4	162.4
69°	158.0	158.0	158.0	157.8	157.8	157.7
69.5°	153.1	153.3	153.1	153.3	153.3	153.1
70°	148.6	148.8	148.6	148.8	148.6	148.6
70.5°	144.2	144.1	144.2	144.0	144.2	144.1
71°	139.6	139.5	139.6	139.6	139.7	139.4
71.5°	135.0	134.9	135.0	134.9	135.0	134.8
72°	130.5	130.3	130.5	130.2	130.3	130.2
72.5°	125.7	125.8	125.7	125.6	125.6	125.6
73°	121.3	121.2	121.3	121.2	121.0	121.0
73.5°	116.7	116.5	116.7	116.5	116.4	116.3
74°	112.1	112.1	112.1	111.9	112.0	111.8
74.5°	107.5	107.6	107.5	107.3	107.2	107.2
75°	103.0	103.0	103.0	102.8	102.7	102.7
75.5°	98.4	98.6	98.4	98.3	98.1	98.2
76°	93.9	94.0	93.9	93.8	93.7	93.6
76.5°	89.5	89.6	89.5	89.2	89.1	89.0
77°	85.1	85.3	85.1	84.8	84.7	84.6
77.5°	80.7	80.9	80.7	80.4	80.2	80.1
78°	76.2	76.6	76.2	76.1	75.8	75.7
78.5°	71.8	72.1	71.8	71.7	71.5	71.4
79°	67.6	68.0	67.6	67.4	67.3	67.2
79.5°	63.4	63.6	63.4	63.2	63.0	63.0
80°	59.3	59.3	59.3	59.0	58.9	58.8
80.5°	55.3	55.3	55.3	55.1	54.8	54.8
81°	51.3	51.2	51.3	51.1	50.9	50.9
81.5°	47.3	47.2	47.3	47.1	46.9	46.9
82°	43.5	43.5	43.5	43.2	43.0	43.0
82.5°	39.9	40.0	39.9	39.4	39.2	39.2
83°	36.4	36.5	36.4	36.0	35.6	35.5
83.5°	32.8	33.1	32.8	32.4	31.9	31.7
84°	29.5	29.8	29.5	29.1	28.6	28.3
84.5°	26.3	26.9	26.3	25.8	25.4	25.2
85°	23.3	23.4	23.3	22.8	22.4	22.2
85.5°	20.4	21.0	20.4	19.9	19.5	19.4
86°	17.8	18.3	17.8	17.4	16.9	16.7
86.5°	15.5	16.1	15.5	14.9	14.3	14.2
87°	13.3	13.9	13.3	12.8	12.1	11.9
87.5°	11.2	11.9	11.2	10.7	10.1	9.7
88°	9.4	10.0	9.4	8.8	8.4	7.9
88.5°	7.7	8.4	7.7	7.2	6.6	6.4

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Scaled Data Report



TEST NUMBER: P997233
CATALOG NUMBER: SMX8RLSFS010-1500LM-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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Report Generated By 670245859 / DESKTOP-T8S5UU9

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

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21.5°	480.8	480.6	480.7	480.8	481.0	480.8	480.7	480.6	480.8	480.6	480.7
22°	479.1	478.8	478.8	478.9	478.9	478.9	478.8	478.8	479.1	478.8	478.8



44°	360.3	360.3	360.4	360.7	360.5	360.7	360.4	360.3	360.3	360.3	360.4
44.5°	356.8	356.9	357.1	357.2	357.1	357.2	357.1	356.9	356.8	356.9	357.1



66.5°	180.4	180.4	180.4	180.4	180.7	180.4	180.4	180.4	180.4	180.4	180.4	180.4
67°	176.0	175.9	175.9	176.0	176.2	176.0	175.9	175.9	176.0	175.9	175.9	175.9



89°	5.1	5.3	5.8	6.3	6.9	6.3	5.8	5.3	5.1	5.3	5.8
89.5°	3.9	4.1	4.5	5.1	5.7	5.1	4.5	4.1	3.9	4.1	4.5

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21.5°	480.8	481.0	480.8	480.7	480.6	480.8
22°	478.9	478.9	478.9	478.8	478.8	479.1

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44°	360.7	360.5	360.7	360.4	360.3	360.3
44.5°	357.2	357.1	357.2	357.1	356.9	356.8

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66.5°	180.4	180.7	180.4	180.4	180.4	180.4
67°	176.0	176.2	176.0	175.9	175.9	176.0

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89°	6.3	6.9	6.3	5.8	5.3	5.1
89.5°	5.1	5.7	5.1	4.5	4.1	3.9

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(END OF REPORT)