

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: P997235

Luminaire Tested: **SMX8RLSFS010-1500LM-5000K**

Issue Date: 3/11/2025



Test Information

Test Method: LM-41-14
Report Number: P997235
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-5000K
Description: 8IN ROUND, 90CRI, 0-10V DIMMING, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 5000K CCT
Ballast/Driver: -

Summary

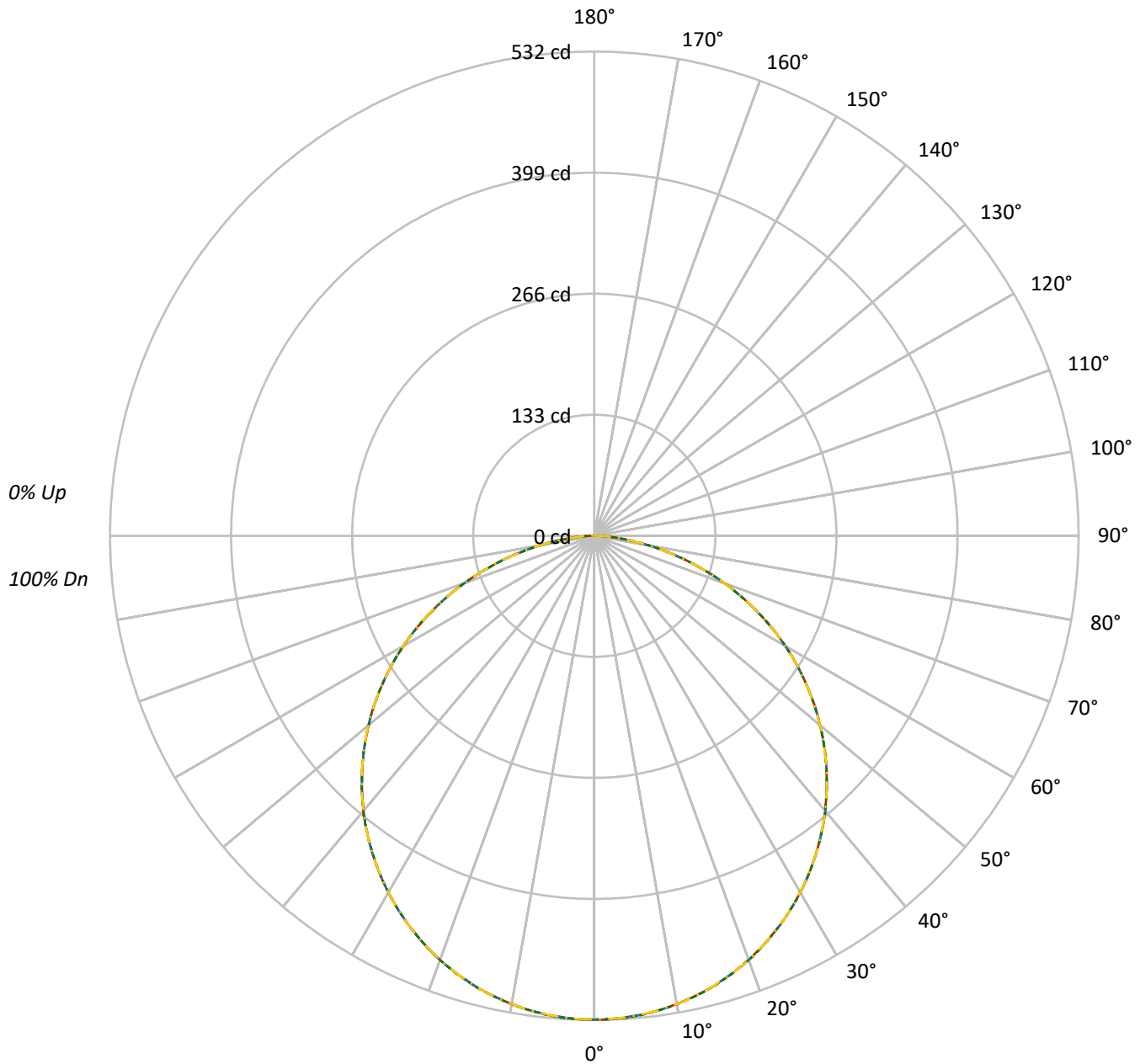
Lumens per Lamp: N/A
Luminaire Lumens: 1546.8 lumens
Efficiency: N/A
Efficacy: 99.2 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.26 / 1.39
Luminous Opening: Circular (Dia: 0.67' x H: 0')
CIE Type: Direct

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



Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



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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°	16230	16230	16230	16230
5°	16221	16228	16221	16228
10°	16201	16198	16201	16198
15°	16167	16167	16167	16167
20°	16115	16118	16115	16118
25°	16028	16038	16028	16038
30°	15949	15952	15949	15952
35°	15847	15840	15847	15840
40°	15739	15723	15739	15723
45°	15556	15574	15556	15574
50°	15370	15375	15370	15375
55°	15122	15133	15122	15133
60°	14783	14801	14783	14801
65°	14268	14318	14268	14318
70°	13533	13541	13533	13541
75°	12350	12386	12350	12386
80°	10549	10637	10549	10637
85°	7917	8372	7917	8372

Classified

Scaled Data Report

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	50.3	3.3
10°-20°	144.3	9.3
20°-30°	219.4	14.2
30°-40°	266.0	17.2
40°-50°	278.0	18.0
50°-60°	253.9	16.4
60°-70°	195.4	12.6
70°-80°	110.9	7.2
80°-90°	28.5	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°	414.0	26.8
0°-40°	680.0	44.0
0°-60°	1212.0	78.4
0°-90°	1546.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1546.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	532	532	532	532	532	
5°	529	530	529	530	529	50
15°	512	512	512	512	512	144
25°	476	476	476	476	476	219
35°	425	425	425	425	425	266
45°	360	361	360	361	360	278
55°	284	284	284	284	284	254
65°	198	198	198	198	198	195
75°	105	105	105	105	105	111
85°	23	24	23	24	23	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°	531.6	531.6	531.6	531.6	531.6	531.6	531.6	531.6	531.6	531.6	531.6
0.5°	531.6	532.0	531.5	531.6	531.5	531.6	531.5	532.0	531.6	532.0	531.5
1°	531.7	531.7	531.4	531.5	531.6	531.5	531.4	531.7	531.7	531.7	531.4
1.5°	531.7	531.5	531.3	531.2	531.4	531.2	531.3	531.5	531.7	531.5	531.3
2°	531.4	531.6	531.2	531.0	531.3	531.0	531.2	531.6	531.4	531.6	531.2
2.5°	531.1	531.3	531.1	530.8	531.2	530.8	531.1	531.3	531.1	531.3	531.1
3°	530.9	530.7	530.6	530.9	530.8	530.9	530.6	530.7	530.9	530.7	530.6
3.5°	530.5	530.6	530.5	530.4	530.9	530.4	530.5	530.6	530.5	530.6	530.5
4°	529.9	530.2	529.9	530.3	530.5	530.3	529.9	530.2	529.9	530.2	529.9
4.5°	529.7	529.8	529.5	529.7	530.1	529.7	529.5	529.8	529.7	529.8	529.5
5°	529.3	529.4	529.1	529.5	529.5	529.5	529.1	529.4	529.3	529.4	529.1
5.5°	529.1	528.9	528.7	528.8	529.3	528.8	528.7	528.9	529.1	528.9	528.7
6°	528.7	528.4	528.1	528.4	528.6	528.4	528.1	528.4	528.7	528.4	528.1
6.5°	527.8	527.6	527.7	527.7	528.1	527.7	527.7	527.6	527.8	527.6	527.7
7°	527.0	527.1	527.0	527.3	527.4	527.3	527.0	527.1	527.0	527.1	527.0
7.5°	526.5	526.6	526.6	526.6	526.6	526.6	526.6	526.6	526.5	526.6	526.6
8°	525.9	525.8	525.9	525.8	525.7	525.8	525.9	525.8	525.9	525.8	525.9
8.5°	525.0	525.2	525.0	524.9	525.1	524.9	525.0	525.2	525.0	525.2	525.0
9°	524.2	524.3	524.3	524.1	524.4	524.1	524.3	524.3	524.2	524.3	524.3
9.5°	523.2	523.6	523.3	523.3	523.5	523.3	523.3	523.6	523.2	523.6	523.3
10°	522.6	522.5	522.5	522.5	522.5	522.5	522.5	522.5	522.6	522.5	522.5
10.5°	521.4	521.7	521.7	521.4	521.8	521.4	521.7	521.7	521.4	521.7	521.7
11°	520.4	520.7	520.7	520.5	520.7	520.5	520.7	520.7	520.4	520.7	520.7
11.5°	519.2	519.8	519.6	519.4	519.7	519.4	519.6	519.8	519.2	519.8	519.6
12°	518.5	518.5	518.4	518.7	518.6	518.7	518.4	518.5	518.5	518.5	518.4
12.5°	517.4	517.6	517.4	517.6	517.6	517.6	517.4	517.6	517.4	517.6	517.4
13°	516.3	516.4	516.2	516.5	516.4	516.5	516.2	516.4	516.3	516.4	516.2
13.5°	515.2	515.2	515.3	515.4	515.4	515.4	515.3	515.2	515.2	515.2	515.3
14°	513.9	514.1	513.8	514.1	514.0	514.1	513.8	514.1	513.9	514.1	513.8
14.5°	512.8	512.8	512.7	512.8	513.1	512.8	512.7	512.8	512.8	512.8	512.7
15°	511.5	511.3	511.1	511.5	511.5	511.5	511.1	511.3	511.5	511.3	511.1
15.5°	509.7	510.1	509.6	510.2	510.3	510.2	509.6	510.1	509.7	510.1	509.6
16°	508.2	508.4	508.3	508.8	508.9	508.8	508.3	508.4	508.2	508.4	508.3
16.5°	507.0	507.2	507.0	507.1	507.3	507.1	507.0	507.2	507.0	507.2	507.0
17°	505.5	505.4	505.6	505.6	505.9	505.6	505.6	505.4	505.5	505.4	505.6
17.5°	504.1	503.9	503.9	504.0	504.3	504.0	503.9	503.9	504.1	503.9	503.9
18°	502.5	502.2	502.4	502.5	502.8	502.5	502.4	502.2	502.5	502.2	502.4
18.5°	500.8	500.7	500.9	500.8	500.9	500.8	500.9	500.7	500.8	500.7	500.9
19°	499.3	499.1	499.3	499.2	499.1	499.2	499.3	499.1	499.3	499.1	499.3
19.5°	497.6	497.5	497.7	497.4	497.5	497.4	497.7	497.5	497.6	497.5	497.7
20°	496.0	495.7	495.8	495.8	496.1	495.8	495.8	495.7	496.0	495.7	495.8
20.5°	494.2	493.9	494.0	494.1	494.3	494.1	494.0	493.9	494.2	493.9	494.0
21°	492.2	491.8	492.1	492.5	492.3	492.5	492.1	491.8	492.2	491.8	492.1

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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°	486.3	486.3	486.3	486.4	486.5	486.4	486.3	486.3	486.3	486.3	486.3
23°	484.6	484.1	484.4	484.4	484.4	484.4	484.4	484.1	484.6	484.1	484.4
23.5°	482.5	482.2	482.4	482.5	482.4	482.5	482.4	482.2	482.5	482.2	482.4
24°	480.2	480.0	480.4	480.4	480.3	480.4	480.4	480.0	480.2	480.0	480.4
24.5°	478.0	478.1	478.2	478.2	478.2	478.2	478.2	478.1	478.0	478.1	478.2
25°	475.8	475.7	476.0	476.1	476.1	476.1	476.0	475.7	475.8	475.7	476.0
25.5°	473.9	473.7	473.9	473.9	473.8	473.9	473.9	473.7	473.9	473.7	473.9
26°	471.6	471.4	471.7	471.6	471.7	471.6	471.7	471.4	471.6	471.4	471.7
26.5°	469.3	469.2	469.5	469.4	469.5	469.4	469.5	469.2	469.3	469.2	469.5
27°	467.0	466.8	467.1	467.0	467.1	467.0	467.1	466.8	467.0	466.8	467.1
27.5°	464.8	464.5	464.8	464.7	464.6	464.7	464.8	464.5	464.8	464.5	464.8
28°	462.4	461.9	462.5	462.2	462.2	462.2	462.5	461.9	462.4	461.9	462.5
28.5°	459.9	459.5	460.1	459.7	459.7	459.7	460.1	459.5	459.9	459.5	460.1
29°	457.4	457.3	457.5	457.4	457.6	457.4	457.5	457.3	457.4	457.3	457.5
29.5°	455.0	454.8	454.9	454.8	454.9	454.8	454.9	454.8	455.0	454.8	454.9
30°	452.4	452.2	452.4	452.4	452.5	452.4	452.4	452.2	452.4	452.2	452.4
30.5°	450.0	449.6	449.8	449.8	450.0	449.8	449.8	449.6	450.0	449.6	449.8
31°	447.4	446.9	447.3	447.3	447.2	447.3	447.3	446.9	447.4	446.9	447.3
31.5°	444.9	444.2	444.5	444.7	444.6	444.7	444.5	444.2	444.9	444.2	444.5
32°	442.1	441.6	441.9	442.1	441.9	442.1	441.9	441.6	442.1	441.6	441.9
32.5°	439.2	439.1	439.2	439.3	439.3	439.3	439.2	439.1	439.2	439.1	439.2
33°	436.7	436.3	436.6	436.7	436.6	436.7	436.6	436.3	436.7	436.3	436.6
33.5°	433.7	433.6	433.7	433.7	433.7	433.7	433.7	433.6	433.7	433.6	433.7
34°	430.9	430.9	431.0	431.0	430.6	431.0	431.0	430.9	430.9	430.9	431.0
34.5°	428.2	427.9	428.0	428.0	427.8	428.0	428.0	427.9	428.2	427.9	428.0
35°	425.2	425.1	425.2	425.2	425.0	425.2	425.2	425.1	425.2	425.1	425.2
35.5°	422.2	422.3	422.3	422.3	422.2	422.3	422.3	422.3	422.2	422.3	422.3
36°	419.3	419.3	419.5	419.4	419.2	419.4	419.5	419.3	419.3	419.3	419.5
36.5°	416.5	416.4	416.5	416.1	416.3	416.1	416.5	416.4	416.5	416.4	416.5
37°	413.3	413.3	413.4	413.2	413.1	413.2	413.4	413.3	413.3	413.3	413.4
37.5°	410.3	410.2	410.2	410.0	410.2	410.0	410.2	410.2	410.3	410.2	410.2
38°	407.3	406.9	407.2	407.1	407.2	407.1	407.2	406.9	407.3	406.9	407.2
38.5°	404.4	403.9	404.2	404.0	404.1	404.0	404.2	403.9	404.4	403.9	404.2
39°	401.1	400.7	401.1	401.0	401.0	401.0	401.1	400.7	401.1	400.7	401.1
39.5°	398.3	397.7	397.8	397.6	397.8	397.6	397.8	397.7	398.3	397.7	397.8
40°	394.9	394.4	394.7	394.4	394.5	394.4	394.7	394.4	394.9	394.4	394.7
40.5°	391.4	391.1	391.2	391.2	390.9	391.2	391.2	391.1	391.4	391.1	391.2
41°	388.0	387.9	387.9	388.0	387.6	388.0	387.9	387.9	388.0	387.9	387.9
41.5°	384.5	384.6	384.6	384.6	384.4	384.6	384.6	384.6	384.5	384.6	384.6
42°	381.2	381.3	381.3	381.4	381.3	381.4	381.3	381.3	381.2	381.3	381.3
42.5°	377.9	377.7	378.0	378.0	378.1	378.0	378.0	377.7	377.9	377.7	378.0
43°	374.4	374.3	374.3	374.6	374.7	374.6	374.3	374.3	374.4	374.3	374.3
43.5°	370.9	370.8	370.9	371.2	371.0	371.2	370.9	370.8	370.9	370.8	370.9

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	360.3	360.3	360.6	360.6	360.7	360.6	360.6	360.3	360.3	360.3	360.6
45.5°	357.1	356.7	357.0	356.9	357.0	356.9	357.0	356.7	357.1	356.7	357.0
46°	353.4	353.2	353.2	353.4	353.4	353.4	353.2	353.2	353.4	353.2	353.2
46.5°	349.8	349.6	349.6	349.7	349.8	349.7	349.6	349.6	349.8	349.6	349.6
47°	346.1	346.1	346.0	346.0	346.2	346.0	346.0	346.1	346.1	346.1	346.0
47.5°	342.4	342.4	342.5	342.6	342.6	342.6	342.5	342.4	342.4	342.4	342.5
48°	338.6	338.8	338.9	338.9	338.7	338.9	338.9	338.8	338.6	338.8	338.9
48.5°	334.9	335.0	335.2	335.2	335.2	335.2	335.2	335.0	334.9	335.0	335.2
49°	331.3	331.2	331.5	331.5	331.3	331.5	331.5	331.2	331.3	331.2	331.5
49.5°	327.5	327.4	327.8	327.7	327.7	327.7	327.8	327.4	327.5	327.4	327.8
50°	323.6	323.6	323.8	324.0	323.7	324.0	323.8	323.6	323.6	323.6	323.8
50.5°	319.8	319.9	319.9	320.1	320.1	320.1	319.9	319.9	319.8	319.9	319.9
51°	316.3	316.0	315.9	316.4	316.1	316.4	315.9	316.0	316.3	316.0	315.9
51.5°	312.5	312.1	312.0	312.4	312.2	312.4	312.0	312.1	312.5	312.1	312.0
52°	308.5	308.2	308.3	308.3	308.3	308.3	308.3	308.2	308.5	308.2	308.3
52.5°	304.5	304.3	304.4	304.3	304.4	304.3	304.4	304.3	304.5	304.3	304.4
53°	300.4	300.3	300.4	300.4	300.4	300.4	300.4	300.3	300.4	300.3	300.4
53.5°	296.3	296.3	296.4	296.4	296.5	296.4	296.4	296.3	296.3	296.3	296.4
54°	292.3	292.2	292.3	292.3	292.3	292.3	292.3	292.2	292.3	292.2	292.3
54.5°	288.2	288.2	288.3	288.3	288.5	288.3	288.3	288.2	288.2	288.2	288.3
55°	284.1	284.1	284.3	284.3	284.3	284.3	284.3	284.1	284.1	284.1	284.3
55.5°	279.9	280.1	280.2	280.1	280.2	280.1	280.2	280.1	279.9	280.1	280.2
56°	276.0	276.1	275.8	276.0	275.9	276.0	275.8	276.1	276.0	276.1	275.8
56.5°	272.1	272.0	271.8	272.0	272.0	272.0	271.8	272.0	272.1	272.0	271.8
57°	267.8	267.8	267.7	267.8	267.7	267.8	267.7	267.8	267.8	267.8	267.7
57.5°	263.4	263.6	263.5	263.6	263.4	263.6	263.5	263.6	263.4	263.6	263.5
58°	259.4	259.3	259.4	259.3	259.2	259.3	259.4	259.3	259.4	259.3	259.4
58.5°	255.2	255.2	255.1	255.1	255.2	255.1	255.1	255.2	255.2	255.2	255.1
59°	250.8	250.8	250.9	250.9	250.9	250.9	250.9	250.8	250.8	250.8	250.9
59.5°	246.6	246.5	246.7	246.7	246.6	246.7	246.7	246.5	246.6	246.5	246.7
60°	242.1	242.1	242.3	242.5	242.4	242.5	242.3	242.1	242.1	242.1	242.3
60.5°	237.9	237.9	237.8	238.1	238.1	238.1	237.8	237.9	237.9	237.9	237.8
61°	233.5	233.5	233.4	233.7	233.6	233.7	233.4	233.5	233.5	233.5	233.4
61.5°	229.2	229.1	229.1	229.3	229.4	229.3	229.1	229.1	229.2	229.1	229.1
62°	224.8	224.7	224.7	224.8	224.9	224.8	224.7	224.7	224.8	224.7	224.7
62.5°	220.2	220.2	220.3	220.3	220.5	220.3	220.3	220.2	220.2	220.2	220.3
63°	215.8	215.8	215.9	215.7	216.0	215.7	215.9	215.8	215.8	215.8	215.9
63.5°	211.2	211.4	211.3	211.3	211.4	211.3	211.3	211.4	211.2	211.4	211.3
64°	206.7	206.7	206.9	206.7	207.0	206.7	206.9	206.7	206.7	206.7	206.9
64.5°	202.1	202.3	202.3	202.3	202.6	202.3	202.3	202.3	202.1	202.3	202.3
65°	197.5	197.7	197.9	197.9	198.2	197.9	197.9	197.7	197.5	197.7	197.9
65.5°	193.1	193.2	193.2	193.2	193.5	193.2	193.2	193.2	193.1	193.2	193.2
66°	188.6	188.5	188.7	188.6	188.8	188.6	188.7	188.5	188.6	188.5	188.7

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997235

CATALOG NUMBER: SMX8RLSFS010-1500LM-5000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	174.8	174.8	174.8	174.9	175.1	174.9	174.8	174.8	174.8	174.8	174.8
68°	170.1	170.3	170.1	170.3	170.5	170.3	170.1	170.3	170.1	170.3	170.1
68.5°	165.6	165.6	165.5	165.8	165.9	165.8	165.5	165.6	165.6	165.6	165.5
69°	160.8	160.9	161.0	161.1	161.1	161.1	161.0	160.9	160.8	160.9	161.0
69.5°	156.1	156.3	156.3	156.1	156.3	156.1	156.3	156.3	156.1	156.3	156.3
70°	151.6	151.6	151.7	151.6	151.7	151.6	151.7	151.6	151.6	151.6	151.7
70.5°	147.0	147.0	146.9	147.0	147.0	147.0	146.9	147.0	147.0	147.0	146.9
71°	142.2	142.4	142.3	142.3	142.3	142.3	142.3	142.4	142.2	142.4	142.3
71.5°	137.4	137.6	137.5	137.6	137.6	137.6	137.5	137.6	137.4	137.6	137.5
72°	132.8	132.8	132.8	133.1	132.8	133.1	132.8	132.8	132.8	132.8	132.8
72.5°	128.1	128.1	128.1	128.2	128.2	128.2	128.1	128.1	128.1	128.1	128.1
73°	123.3	123.4	123.6	123.7	123.6	123.7	123.6	123.4	123.3	123.4	123.6
73.5°	118.6	118.7	118.8	119.0	118.8	119.0	118.8	118.7	118.6	118.7	118.8
74°	114.0	114.2	114.1	114.3	114.3	114.3	114.1	114.2	114.0	114.2	114.1
74.5°	109.3	109.4	109.4	109.6	109.7	109.6	109.4	109.4	109.3	109.4	109.4
75°	104.7	104.8	104.8	105.0	105.0	105.0	104.8	104.8	104.7	104.8	104.8
75.5°	100.1	100.1	100.2	100.3	100.5	100.3	100.2	100.1	100.1	100.1	100.2
76°	95.5	95.5	95.6	95.7	95.9	95.7	95.6	95.5	95.5	95.5	95.6
76.5°	90.7	90.9	91.0	91.2	91.4	91.2	91.0	90.9	90.7	90.9	91.0
77°	86.3	86.3	86.5	86.8	87.0	86.8	86.5	86.3	86.3	86.3	86.5
77.5°	81.7	81.8	82.0	82.3	82.5	82.3	82.0	81.8	81.7	81.8	82.0
78°	77.2	77.3	77.6	77.7	78.1	77.7	77.6	77.3	77.2	77.3	77.6
78.5°	72.8	72.9	73.1	73.2	73.5	73.2	73.1	72.9	72.8	72.9	73.1
79°	68.6	68.6	68.7	69.0	69.3	69.0	68.7	68.6	68.6	68.6	68.7
79.5°	64.3	64.3	64.5	64.7	64.8	64.7	64.5	64.3	64.3	64.3	64.5
80°	60.0	60.1	60.2	60.4	60.5	60.4	60.2	60.1	60.0	60.1	60.2
80.5°	55.9	55.9	56.2	56.4	56.4	56.4	56.2	55.9	55.9	55.9	56.2
81°	51.9	51.9	52.1	52.3	52.2	52.3	52.1	51.9	51.9	51.9	52.1
81.5°	47.8	47.8	48.0	48.2	48.2	48.2	48.0	47.8	47.8	47.8	48.0
82°	43.9	43.9	44.1	44.3	44.4	44.3	44.1	43.9	43.9	43.9	44.1
82.5°	40.0	40.0	40.2	40.7	40.8	40.7	40.2	40.0	40.0	40.0	40.2
83°	36.2	36.3	36.7	37.2	37.2	37.2	36.7	36.3	36.2	36.3	36.7
83.5°	32.3	32.6	33.0	33.4	33.7	33.4	33.0	32.6	32.3	32.6	33.0
84°	28.9	29.2	29.7	30.1	30.4	30.1	29.7	29.2	28.9	29.2	29.7
84.5°	25.7	25.9	26.4	26.8	27.5	26.8	26.4	25.9	25.7	25.9	26.4
85°	22.6	22.8	23.3	23.7	23.9	23.7	23.3	22.8	22.6	22.8	23.3
85.5°	19.7	19.9	20.3	20.8	21.4	20.8	20.3	19.9	19.7	19.9	20.3
86°	17.0	17.3	17.7	18.2	18.7	18.2	17.7	17.3	17.0	17.3	17.7
86.5°	14.5	14.6	15.2	15.8	16.4	15.8	15.2	14.6	14.5	14.6	15.2
87°	12.1	12.3	13.0	13.5	14.1	13.5	13.0	12.3	12.1	12.3	13.0
87.5°	9.9	10.3	10.9	11.4	12.1	11.4	10.9	10.3	9.9	10.3	10.9
88°	8.1	8.5	9.0	9.6	10.2	9.6	9.0	8.5	8.1	8.5	9.0
88.5°	6.5	6.8	7.3	7.8	8.6	7.8	7.3	6.8	6.5	6.8	7.3

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

Scaled Data Report



TEST NUMBER: P997235
CATALOG NUMBER: SMX8RLSFS010-1500LM-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: P997235

CATALOG NUMBER: SMX8RLSFS010-1500LM-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	531.6	531.6	531.6	531.6	531.6	531.6
0.5°	531.6	531.5	531.6	531.5	532.0	531.6
1°	531.5	531.6	531.5	531.4	531.7	531.7
1.5°	531.2	531.4	531.2	531.3	531.5	531.7
2°	531.0	531.3	531.0	531.2	531.6	531.4
2.5°	530.8	531.2	530.8	531.1	531.3	531.1
3°	530.9	530.8	530.9	530.6	530.7	530.9
3.5°	530.4	530.9	530.4	530.5	530.6	530.5
4°	530.3	530.5	530.3	529.9	530.2	529.9
4.5°	529.7	530.1	529.7	529.5	529.8	529.7
5°	529.5	529.5	529.5	529.1	529.4	529.3
5.5°	528.8	529.3	528.8	528.7	528.9	529.1
6°	528.4	528.6	528.4	528.1	528.4	528.7
6.5°	527.7	528.1	527.7	527.7	527.6	527.8
7°	527.3	527.4	527.3	527.0	527.1	527.0
7.5°	526.6	526.6	526.6	526.6	526.6	526.5
8°	525.8	525.7	525.8	525.9	525.8	525.9
8.5°	524.9	525.1	524.9	525.0	525.2	525.0
9°	524.1	524.4	524.1	524.3	524.3	524.2
9.5°	523.3	523.5	523.3	523.3	523.6	523.2
10°	522.5	522.5	522.5	522.5	522.5	522.6
10.5°	521.4	521.8	521.4	521.7	521.7	521.4
11°	520.5	520.7	520.5	520.7	520.7	520.4
11.5°	519.4	519.7	519.4	519.6	519.8	519.2
12°	518.7	518.6	518.7	518.4	518.5	518.5
12.5°	517.6	517.6	517.6	517.4	517.6	517.4
13°	516.5	516.4	516.5	516.2	516.4	516.3
13.5°	515.4	515.4	515.4	515.3	515.2	515.2
14°	514.1	514.0	514.1	513.8	514.1	513.9
14.5°	512.8	513.1	512.8	512.7	512.8	512.8
15°	511.5	511.5	511.5	511.1	511.3	511.5
15.5°	510.2	510.3	510.2	509.6	510.1	509.7
16°	508.8	508.9	508.8	508.3	508.4	508.2
16.5°	507.1	507.3	507.1	507.0	507.2	507.0
17°	505.6	505.9	505.6	505.6	505.4	505.5
17.5°	504.0	504.3	504.0	503.9	503.9	504.1
18°	502.5	502.8	502.5	502.4	502.2	502.5
18.5°	500.8	500.9	500.8	500.9	500.7	500.8
19°	499.2	499.1	499.2	499.3	499.1	499.3
19.5°	497.4	497.5	497.4	497.7	497.5	497.6
20°	495.8	496.1	495.8	495.8	495.7	496.0
20.5°	494.1	494.3	494.1	494.0	493.9	494.2
21°	492.5	492.3	492.5	492.1	491.8	492.2

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997235

CATALOG NUMBER: SMX8RLSFS010-1500LM-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	486.4	486.5	486.4	486.3	486.3	486.3
23°	484.4	484.4	484.4	484.4	484.1	484.6
23.5°	482.5	482.4	482.5	482.4	482.2	482.5
24°	480.4	480.3	480.4	480.4	480.0	480.2
24.5°	478.2	478.2	478.2	478.2	478.1	478.0
25°	476.1	476.1	476.1	476.0	475.7	475.8
25.5°	473.9	473.8	473.9	473.9	473.7	473.9
26°	471.6	471.7	471.6	471.7	471.4	471.6
26.5°	469.4	469.5	469.4	469.5	469.2	469.3
27°	467.0	467.1	467.0	467.1	466.8	467.0
27.5°	464.7	464.6	464.7	464.8	464.5	464.8
28°	462.2	462.2	462.2	462.5	461.9	462.4
28.5°	459.7	459.7	459.7	460.1	459.5	459.9
29°	457.4	457.6	457.4	457.5	457.3	457.4
29.5°	454.8	454.9	454.8	454.9	454.8	455.0
30°	452.4	452.5	452.4	452.4	452.2	452.4
30.5°	449.8	450.0	449.8	449.8	449.6	450.0
31°	447.3	447.2	447.3	447.3	446.9	447.4
31.5°	444.7	444.6	444.7	444.5	444.2	444.9
32°	442.1	441.9	442.1	441.9	441.6	442.1
32.5°	439.3	439.3	439.3	439.2	439.1	439.2
33°	436.7	436.6	436.7	436.6	436.3	436.7
33.5°	433.7	433.7	433.7	433.7	433.6	433.7
34°	431.0	430.6	431.0	431.0	430.9	430.9
34.5°	428.0	427.8	428.0	428.0	427.9	428.2
35°	425.2	425.0	425.2	425.2	425.1	425.2
35.5°	422.3	422.2	422.3	422.3	422.3	422.2
36°	419.4	419.2	419.4	419.5	419.3	419.3
36.5°	416.1	416.3	416.1	416.5	416.4	416.5
37°	413.2	413.1	413.2	413.4	413.3	413.3
37.5°	410.0	410.2	410.0	410.2	410.2	410.3
38°	407.1	407.2	407.1	407.2	406.9	407.3
38.5°	404.0	404.1	404.0	404.2	403.9	404.4
39°	401.0	401.0	401.0	401.1	400.7	401.1
39.5°	397.6	397.8	397.6	397.8	397.7	398.3
40°	394.4	394.5	394.4	394.7	394.4	394.9
40.5°	391.2	390.9	391.2	391.2	391.1	391.4
41°	388.0	387.6	388.0	387.9	387.9	388.0
41.5°	384.6	384.4	384.6	384.6	384.6	384.5
42°	381.4	381.3	381.4	381.3	381.3	381.2
42.5°	378.0	378.1	378.0	378.0	377.7	377.9
43°	374.6	374.7	374.6	374.3	374.3	374.4
43.5°	371.2	371.0	371.2	370.9	370.8	370.9

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997235

CATALOG NUMBER: SMX8RLSFS010-1500LM-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	360.6	360.7	360.6	360.6	360.3	360.3
45.5°	356.9	357.0	356.9	357.0	356.7	357.1
46°	353.4	353.4	353.4	353.2	353.2	353.4
46.5°	349.7	349.8	349.7	349.6	349.6	349.8
47°	346.0	346.2	346.0	346.0	346.1	346.1
47.5°	342.6	342.6	342.6	342.5	342.4	342.4
48°	338.9	338.7	338.9	338.9	338.8	338.6
48.5°	335.2	335.2	335.2	335.2	335.0	334.9
49°	331.5	331.3	331.5	331.5	331.2	331.3
49.5°	327.7	327.7	327.7	327.8	327.4	327.5
50°	324.0	323.7	324.0	323.8	323.6	323.6
50.5°	320.1	320.1	320.1	319.9	319.9	319.8
51°	316.4	316.1	316.4	315.9	316.0	316.3
51.5°	312.4	312.2	312.4	312.0	312.1	312.5
52°	308.3	308.3	308.3	308.3	308.2	308.5
52.5°	304.3	304.4	304.3	304.4	304.3	304.5
53°	300.4	300.4	300.4	300.4	300.3	300.4
53.5°	296.4	296.5	296.4	296.4	296.3	296.3
54°	292.3	292.3	292.3	292.3	292.2	292.3
54.5°	288.3	288.5	288.3	288.3	288.2	288.2
55°	284.3	284.3	284.3	284.3	284.1	284.1
55.5°	280.1	280.2	280.1	280.2	280.1	279.9
56°	276.0	275.9	276.0	275.8	276.1	276.0
56.5°	272.0	272.0	272.0	271.8	272.0	272.1
57°	267.8	267.7	267.8	267.7	267.8	267.8
57.5°	263.6	263.4	263.6	263.5	263.6	263.4
58°	259.3	259.2	259.3	259.4	259.3	259.4
58.5°	255.1	255.2	255.1	255.1	255.2	255.2
59°	250.9	250.9	250.9	250.9	250.8	250.8
59.5°	246.7	246.6	246.7	246.7	246.5	246.6
60°	242.5	242.4	242.5	242.3	242.1	242.1
60.5°	238.1	238.1	238.1	237.8	237.9	237.9
61°	233.7	233.6	233.7	233.4	233.5	233.5
61.5°	229.3	229.4	229.3	229.1	229.1	229.2
62°	224.8	224.9	224.8	224.7	224.7	224.8
62.5°	220.3	220.5	220.3	220.3	220.2	220.2
63°	215.7	216.0	215.7	215.9	215.8	215.8
63.5°	211.3	211.4	211.3	211.3	211.4	211.2
64°	206.7	207.0	206.7	206.9	206.7	206.7
64.5°	202.3	202.6	202.3	202.3	202.3	202.1
65°	197.9	198.2	197.9	197.9	197.7	197.5
65.5°	193.2	193.5	193.2	193.2	193.2	193.1
66°	188.6	188.8	188.6	188.7	188.5	188.6

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997235

CATALOG NUMBER: SMX8RLSFS010-1500LM-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	174.9	175.1	174.9	174.8	174.8	174.8
68°	170.3	170.5	170.3	170.1	170.3	170.1
68.5°	165.8	165.9	165.8	165.5	165.6	165.6
69°	161.1	161.1	161.1	161.0	160.9	160.8
69.5°	156.1	156.3	156.1	156.3	156.3	156.1
70°	151.6	151.7	151.6	151.7	151.6	151.6
70.5°	147.0	147.0	147.0	146.9	147.0	147.0
71°	142.3	142.3	142.3	142.3	142.4	142.2
71.5°	137.6	137.6	137.6	137.5	137.6	137.4
72°	133.1	132.8	133.1	132.8	132.8	132.8
72.5°	128.2	128.2	128.2	128.1	128.1	128.1
73°	123.7	123.6	123.7	123.6	123.4	123.3
73.5°	119.0	118.8	119.0	118.8	118.7	118.6
74°	114.3	114.3	114.3	114.1	114.2	114.0
74.5°	109.6	109.7	109.6	109.4	109.4	109.3
75°	105.0	105.0	105.0	104.8	104.8	104.7
75.5°	100.3	100.5	100.3	100.2	100.1	100.1
76°	95.7	95.9	95.7	95.6	95.5	95.5
76.5°	91.2	91.4	91.2	91.0	90.9	90.7
77°	86.8	87.0	86.8	86.5	86.3	86.3
77.5°	82.3	82.5	82.3	82.0	81.8	81.7
78°	77.7	78.1	77.7	77.6	77.3	77.2
78.5°	73.2	73.5	73.2	73.1	72.9	72.8
79°	69.0	69.3	69.0	68.7	68.6	68.6
79.5°	64.7	64.8	64.7	64.5	64.3	64.3
80°	60.4	60.5	60.4	60.2	60.1	60.0
80.5°	56.4	56.4	56.4	56.2	55.9	55.9
81°	52.3	52.2	52.3	52.1	51.9	51.9
81.5°	48.2	48.2	48.2	48.0	47.8	47.8
82°	44.3	44.4	44.3	44.1	43.9	43.9
82.5°	40.7	40.8	40.7	40.2	40.0	40.0
83°	37.2	37.2	37.2	36.7	36.3	36.2
83.5°	33.4	33.7	33.4	33.0	32.6	32.3
84°	30.1	30.4	30.1	29.7	29.2	28.9
84.5°	26.8	27.5	26.8	26.4	25.9	25.7
85°	23.7	23.9	23.7	23.3	22.8	22.6
85.5°	20.8	21.4	20.8	20.3	19.9	19.7
86°	18.2	18.7	18.2	17.7	17.3	17.0
86.5°	15.8	16.4	15.8	15.2	14.6	14.5
87°	13.5	14.1	13.5	13.0	12.3	12.1
87.5°	11.4	12.1	11.4	10.9	10.3	9.9
88°	9.6	10.2	9.6	9.0	8.5	8.1
88.5°	7.8	8.6	7.8	7.3	6.8	6.5

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Scaled Data Report



TEST NUMBER: P997235
CATALOG NUMBER: SMX8RLSFS010-1500LM-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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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°	490.3	490.1	490.2	490.3	490.5	490.3	490.2	490.1	490.3	490.1	490.2
22°	488.5	488.2	488.2	488.3	488.4	488.3	488.2	488.2	488.5	488.2	488.2



44°	367.4	367.4	367.5	367.8	367.6	367.8	367.5	367.4	367.4	367.4	367.5
44.5°	363.9	363.9	364.1	364.2	364.2	364.2	364.1	363.9	363.9	363.9	364.1



66.5°	184.0	183.9	184.0	184.0	184.2	184.0	184.0	183.9	184.0	183.9	184.0
67°	179.5	179.3	179.4	179.4	179.6	179.4	179.4	179.3	179.5	179.3	179.4



89°	5.2	5.4	5.9	6.4	7.0	6.4	5.9	5.4	5.2	5.4	5.9
89.5°	3.9	4.2	4.6	5.2	5.8	5.2	4.6	4.2	3.9	4.2	4.6

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21.5°	490.3	490.5	490.3	490.2	490.1	490.3
22°	488.3	488.4	488.3	488.2	488.2	488.5

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44°	367.8	367.6	367.8	367.5	367.4	367.4
44.5°	364.2	364.2	364.2	364.1	363.9	363.9

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66.5°	184.0	184.2	184.0	184.0	183.9	184.0
67°	179.4	179.6	179.4	179.4	179.3	179.5

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89°	6.4	7.0	6.4	5.9	5.4	5.2
89.5°	5.2	5.8	5.2	4.6	4.2	3.9

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(END OF REPORT)