

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: P997229

Luminaire Tested: **SMX8RLSFS010-1200LM-4000K**

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: P997229
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: SMX8RLSFS010-1200LM-4000K
Description: 8IN ROUND, 90CRI, 0-10V DIMMING, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 4000K CCT
Ballast/Driver: -

Summary

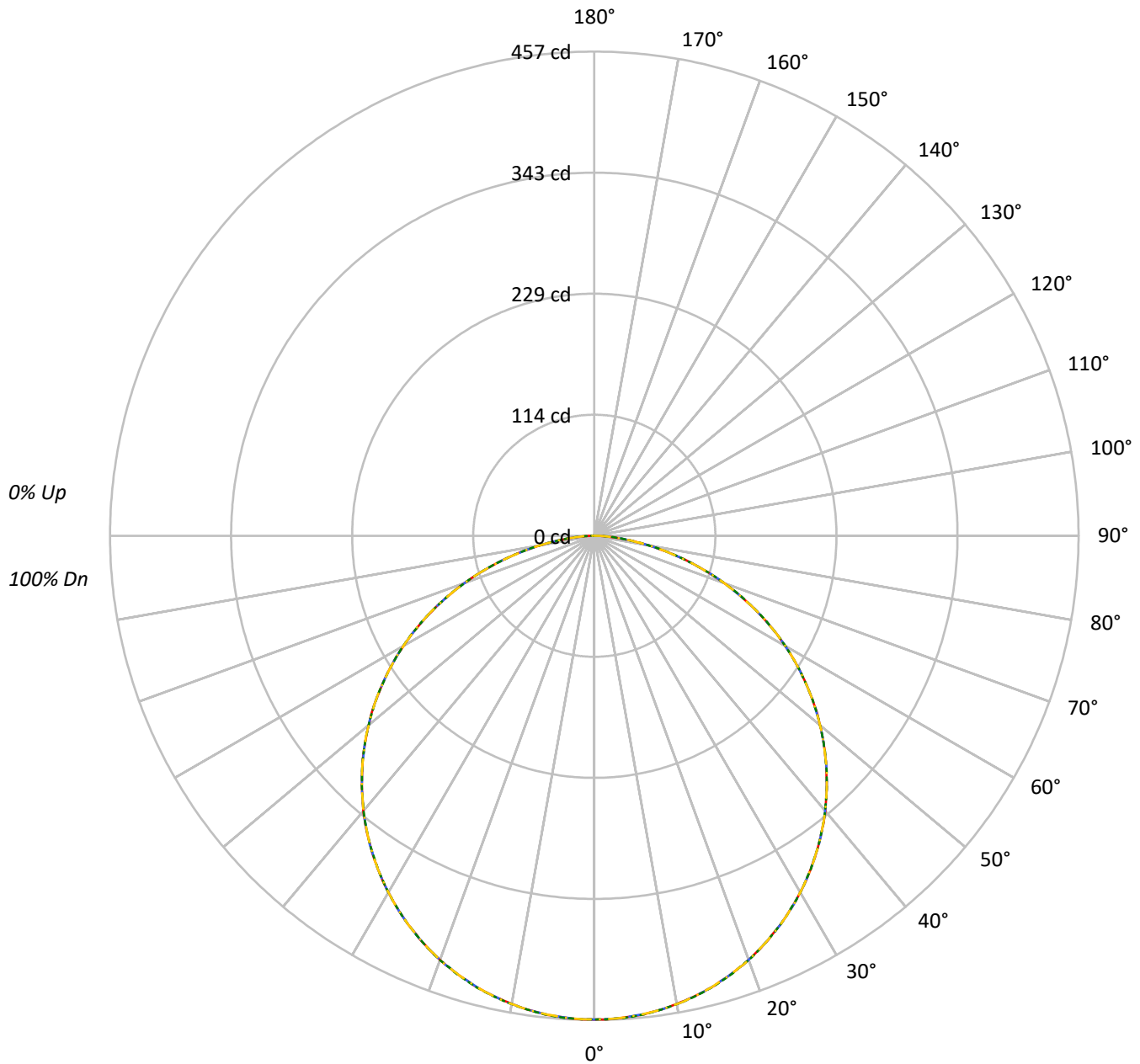
Lumens per Lamp: N/A
Luminaire Lumens: 1328.6 lumens
Efficiency: N/A
Efficacy: 98.4 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.26 / 1.39
Luminous Opening: Circular (Dia: 0.67' x H: 0')
CIE Type: Direct

Input Watts (W): 13.5
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	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°	13940	13940	13940	13940
5°	13932	13938	13932	13938
10°	13916	13913	13916	13913
15°	13888	13888	13888	13888
20°	13841	13844	13841	13844
25°	13768	13774	13768	13774
30°	13699	13703	13699	13703
35°	13615	13604	13615	13604
40°	13519	13503	13519	13503
45°	13363	13376	13363	13376
50°	13204	13209	13204	13209
55°	12993	12998	12993	12998
60°	12701	12713	12701	12713
65°	12252	12295	12252	12295
70°	11622	11631	11622	11631
75°	10605	10640	10605	10640
80°	9055	9125	9055	9125
85°	6796	7181	6796	7181

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°	43.2	3.3
10°-20°	124.0	9.3
20°-30°	188.5	14.2
30°-40°	228.5	17.2
40°-50°	238.8	18.0
50°-60°	218.1	16.4
60°-70°	167.9	12.6
70°-80°	95.3	7.2
80°-90°	24.5	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°	355.6	26.8
0°-40°	584.1	44.0
0°-60°	1041.0	78.4
0°-90°	1328.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1328.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	457	457	457	457	457	
5°	455	455	455	455	455	43
15°	439	439	439	439	439	124
25°	409	409	409	409	409	188
35°	365	365	365	365	365	229
45°	310	310	310	310	310	239
55°	244	244	244	244	244	218
65°	170	170	170	170	170	168
75°	90	90	90	90	90	95
85°	19	20	19	20	19	24
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°	456.6	456.6	456.6	456.6	456.6	456.6	456.6	456.6	456.6	456.6	456.6
0.5°	456.6	456.9	456.5	456.6	456.5	456.6	456.5	456.9	456.6	456.9	456.5
1°	456.7	456.7	456.5	456.5	456.6	456.5	456.5	456.7	456.7	456.7	456.5
1.5°	456.7	456.6	456.4	456.2	456.5	456.2	456.4	456.6	456.7	456.6	456.4
2°	456.4	456.6	456.3	456.1	456.3	456.1	456.3	456.6	456.4	456.6	456.3
2.5°	456.2	456.4	456.2	456.0	456.2	456.0	456.2	456.4	456.2	456.4	456.2
3°	456.0	455.9	455.8	456.0	456.0	456.0	455.8	455.9	456.0	455.9	455.8
3.5°	455.6	455.7	455.6	455.6	456.0	455.6	455.6	455.7	455.6	455.7	455.6
4°	455.2	455.4	455.2	455.5	455.6	455.5	455.2	455.4	455.2	455.4	455.2
4.5°	455.0	455.1	454.8	455.0	455.4	455.0	454.8	455.1	455.0	455.1	454.8
5°	454.6	454.7	454.4	454.8	454.8	454.8	454.4	454.7	454.6	454.7	454.4
5.5°	454.5	454.3	454.1	454.2	454.6	454.2	454.1	454.3	454.5	454.3	454.1
6°	454.1	453.8	453.6	453.9	454.1	453.9	453.6	453.8	454.1	453.8	453.6
6.5°	453.3	453.2	453.2	453.3	453.6	453.3	453.2	453.2	453.3	453.2	453.2
7°	452.7	452.7	452.7	452.9	453.0	452.9	452.7	452.7	452.7	452.7	452.7
7.5°	452.2	452.3	452.3	452.3	452.3	452.3	452.3	452.3	452.2	452.3	452.3
8°	451.8	451.6	451.7	451.7	451.6	451.7	451.7	451.6	451.8	451.6	451.7
8.5°	450.9	451.1	450.9	450.9	451.1	450.9	450.9	451.1	450.9	451.1	450.9
9°	450.2	450.4	450.3	450.2	450.4	450.2	450.3	450.4	450.2	450.4	450.3
9.5°	449.4	449.7	449.5	449.5	449.7	449.5	449.5	449.7	449.4	449.7	449.5
10°	448.9	448.8	448.8	448.8	448.8	448.8	448.8	448.8	448.9	448.8	448.8
10.5°	447.8	448.1	448.2	447.9	448.2	447.9	448.2	448.1	447.8	448.1	448.2
11°	447.0	447.2	447.3	447.1	447.3	447.1	447.3	447.2	447.0	447.2	447.3
11.5°	446.0	446.5	446.3	446.2	446.4	446.2	446.3	446.5	446.0	446.5	446.3
12°	445.4	445.3	445.2	445.5	445.5	445.5	445.2	445.3	445.4	445.3	445.2
12.5°	444.4	444.6	444.4	444.6	444.6	444.6	444.4	444.6	444.4	444.6	444.4
13°	443.4	443.6	443.4	443.6	443.6	443.6	443.4	443.6	443.4	443.6	443.4
13.5°	442.5	442.5	442.6	442.7	442.7	442.7	442.6	442.5	442.5	442.5	442.6
14°	441.4	441.6	441.4	441.6	441.5	441.6	441.4	441.6	441.4	441.6	441.4
14.5°	440.5	440.5	440.4	440.4	440.7	440.4	440.4	440.5	440.5	440.5	440.4
15°	439.4	439.2	439.0	439.3	439.4	439.3	439.0	439.2	439.4	439.2	439.0
15.5°	437.8	438.1	437.7	438.2	438.3	438.2	437.7	438.1	437.8	438.1	437.7
16°	436.5	436.7	436.6	437.0	437.1	437.0	436.6	436.7	436.5	436.7	436.6
16.5°	435.5	435.6	435.5	435.6	435.8	435.6	435.5	435.6	435.5	435.6	435.5
17°	434.2	434.1	434.2	434.3	434.5	434.3	434.2	434.1	434.2	434.1	434.2
17.5°	433.0	432.8	432.8	432.9	433.2	432.9	432.8	432.8	433.0	432.8	432.8
18°	431.6	431.4	431.5	431.6	431.9	431.6	431.5	431.4	431.6	431.4	431.5
18.5°	430.1	430.0	430.2	430.1	430.2	430.1	430.2	430.0	430.1	430.0	430.2
19°	428.9	428.7	428.9	428.8	428.7	428.8	428.9	428.7	428.9	428.7	428.9
19.5°	427.4	427.4	427.5	427.2	427.3	427.2	427.5	427.4	427.4	427.4	427.5
20°	426.0	425.8	425.9	425.9	426.1	425.9	425.9	425.8	426.0	425.8	425.9
20.5°	424.4	424.2	424.3	424.4	424.6	424.4	424.3	424.2	424.4	424.2	424.3
21°	422.8	422.5	422.6	423.0	422.9	423.0	422.6	422.5	422.8	422.5	422.6

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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°	417.7	417.7	417.7	417.8	417.9	417.8	417.7	417.7	417.7	417.7	417.7
23°	416.2	415.8	416.1	416.1	416.1	416.1	416.1	415.8	416.2	415.8	416.1
23.5°	414.5	414.2	414.4	414.4	414.3	414.4	414.4	414.2	414.5	414.2	414.4
24°	412.4	412.3	412.6	412.7	412.6	412.7	412.6	412.3	412.4	412.3	412.6
24.5°	410.5	410.7	410.7	410.8	410.7	410.8	410.7	410.7	410.5	410.7	410.7
25°	408.7	408.6	408.8	409.0	408.9	409.0	408.8	408.6	408.7	408.6	408.8
25.5°	407.1	406.9	407.1	407.1	407.0	407.1	407.1	406.9	407.1	406.9	407.1
26°	405.1	404.9	405.2	405.1	405.1	405.1	405.2	404.9	405.1	404.9	405.2
26.5°	403.1	403.0	403.3	403.2	403.3	403.2	403.3	403.0	403.1	403.0	403.3
27°	401.1	401.0	401.2	401.1	401.2	401.1	401.2	401.0	401.1	401.0	401.2
27.5°	399.2	399.0	399.2	399.1	399.0	399.1	399.2	399.0	399.2	399.0	399.2
28°	397.2	396.7	397.2	397.0	397.0	397.0	397.2	396.7	397.2	396.7	397.2
28.5°	395.0	394.7	395.2	394.8	394.9	394.8	395.2	394.7	395.0	394.7	395.2
29°	392.9	392.8	392.9	392.9	393.0	392.9	392.9	392.8	392.9	392.8	392.9
29.5°	390.8	390.6	390.8	390.7	390.7	390.7	390.8	390.6	390.8	390.6	390.8
30°	388.6	388.5	388.6	388.5	388.7	388.5	388.6	388.5	388.6	388.5	388.6
30.5°	386.5	386.2	386.4	386.4	386.5	386.4	386.4	386.2	386.5	386.2	386.4
31°	384.3	383.9	384.2	384.2	384.2	384.2	384.2	383.9	384.3	383.9	384.2
31.5°	382.1	381.6	381.8	382.0	381.9	382.0	381.8	381.6	382.1	381.6	381.8
32°	379.7	379.3	379.6	379.8	379.5	379.8	379.6	379.3	379.7	379.3	379.6
32.5°	377.3	377.2	377.3	377.3	377.3	377.3	377.3	377.2	377.3	377.2	377.3
33°	375.1	374.8	375.0	375.1	375.0	375.1	375.0	374.8	375.1	374.8	375.0
33.5°	372.5	372.5	372.6	372.6	372.5	372.6	372.6	372.5	372.5	372.5	372.6
34°	370.1	370.1	370.2	370.2	369.9	370.2	370.2	370.1	370.1	370.1	370.2
34.5°	367.8	367.6	367.7	367.7	367.5	367.7	367.7	367.6	367.8	367.6	367.7
35°	365.3	365.2	365.2	365.3	365.0	365.3	365.2	365.2	365.3	365.2	365.2
35.5°	362.6	362.7	362.8	362.7	362.7	362.7	362.8	362.7	362.6	362.7	362.8
36°	360.2	360.2	360.4	360.2	360.1	360.2	360.4	360.2	360.2	360.2	360.4
36.5°	357.7	357.6	357.7	357.5	357.6	357.5	357.7	357.6	357.7	357.6	357.7
37°	355.0	355.0	355.1	354.9	354.8	354.9	355.1	355.0	355.0	355.0	355.1
37.5°	352.5	352.3	352.4	352.2	352.4	352.2	352.4	352.3	352.5	352.3	352.4
38°	349.8	349.5	349.7	349.7	349.8	349.7	349.7	349.5	349.8	349.5	349.7
38.5°	347.3	346.9	347.1	347.0	347.1	347.0	347.1	346.9	347.3	346.9	347.1
39°	344.5	344.2	344.5	344.4	344.5	344.4	344.5	344.2	344.5	344.2	344.5
39.5°	342.1	341.6	341.7	341.5	341.7	341.5	341.7	341.6	342.1	341.6	341.7
40°	339.2	338.8	339.0	338.8	338.8	338.8	339.0	338.8	339.2	338.8	339.0
40.5°	336.2	336.0	336.0	336.0	335.8	336.0	336.0	336.0	336.2	336.0	336.0
41°	333.2	333.2	333.2	333.3	333.0	333.3	333.2	333.2	333.2	333.2	333.2
41.5°	330.3	330.3	330.3	330.3	330.2	330.3	330.3	330.3	330.3	330.3	330.3
42°	327.4	327.5	327.5	327.6	327.5	327.6	327.5	327.5	327.4	327.5	327.5
42.5°	324.6	324.5	324.7	324.7	324.7	324.7	324.7	324.5	324.6	324.5	324.7
43°	321.6	321.5	321.5	321.8	321.8	321.8	321.5	321.5	321.6	321.5	321.5
43.5°	318.5	318.5	318.6	318.8	318.7	318.8	318.6	318.5	318.5	318.5	318.6

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	309.5	309.5	309.7	309.7	309.8	309.7	309.7	309.5	309.5	309.5	309.7
45.5°	306.8	306.4	306.7	306.5	306.6	306.5	306.7	306.4	306.8	306.4	306.7
46°	303.6	303.3	303.4	303.6	303.6	303.6	303.4	303.3	303.6	303.3	303.4
46.5°	300.4	300.3	300.3	300.4	300.5	300.4	300.3	300.3	300.4	300.3	300.3
47°	297.3	297.3	297.2	297.2	297.4	297.2	297.2	297.3	297.3	297.3	297.2
47.5°	294.1	294.1	294.2	294.3	294.2	294.3	294.2	294.1	294.1	294.1	294.2
48°	290.9	291.0	291.1	291.1	290.9	291.1	291.1	291.0	290.9	291.0	291.1
48.5°	287.6	287.8	287.9	287.9	287.9	287.9	287.9	287.8	287.6	287.8	287.9
49°	284.6	284.5	284.7	284.8	284.5	284.8	284.7	284.5	284.6	284.5	284.7
49.5°	281.3	281.2	281.5	281.4	281.4	281.4	281.5	281.2	281.3	281.2	281.5
50°	278.0	277.9	278.1	278.3	278.1	278.3	278.1	277.9	278.0	277.9	278.1
50.5°	274.7	274.7	274.8	275.0	274.9	275.0	274.8	274.7	274.7	274.7	274.8
51°	271.7	271.4	271.4	271.8	271.5	271.8	271.4	271.4	271.7	271.4	271.4
51.5°	268.4	268.1	268.0	268.3	268.2	268.3	268.0	268.1	268.4	268.1	268.0
52°	265.0	264.7	264.8	264.8	264.8	264.8	264.8	264.7	265.0	264.7	264.8
52.5°	261.5	261.4	261.5	261.4	261.5	261.4	261.5	261.4	261.5	261.4	261.5
53°	258.0	257.9	258.0	258.0	258.0	258.0	258.0	257.9	258.0	257.9	258.0
53.5°	254.5	254.5	254.6	254.6	254.6	254.6	254.6	254.5	254.5	254.5	254.6
54°	251.0	251.0	251.1	251.1	251.1	251.1	251.1	251.0	251.0	251.0	251.1
54.5°	247.5	247.5	247.6	247.6	247.8	247.6	247.6	247.5	247.5	247.5	247.6
55°	244.1	244.0	244.2	244.2	244.2	244.2	244.2	244.0	244.1	244.0	244.2
55.5°	240.4	240.6	240.7	240.6	240.6	240.6	240.7	240.6	240.4	240.6	240.7
56°	237.1	237.1	236.9	237.1	237.0	237.1	236.9	237.1	237.1	237.1	236.9
56.5°	233.7	233.7	233.4	233.7	233.6	233.7	233.4	233.7	233.7	233.7	233.4
57°	230.0	230.0	230.0	230.0	230.0	230.0	230.0	230.0	230.0	230.0	230.0
57.5°	226.2	226.4	226.3	226.4	226.3	226.4	226.3	226.4	226.2	226.4	226.3
58°	222.8	222.8	222.8	222.7	222.7	222.7	222.8	222.8	222.8	222.8	222.8
58.5°	219.2	219.2	219.1	219.1	219.2	219.1	219.1	219.2	219.2	219.2	219.1
59°	215.4	215.4	215.5	215.5	215.5	215.5	215.5	215.4	215.4	215.4	215.5
59.5°	211.8	211.7	211.9	211.9	211.9	211.9	211.9	211.7	211.8	211.7	211.9
60°	208.0	208.0	208.1	208.3	208.2	208.3	208.1	208.0	208.0	208.0	208.1
60.5°	204.4	204.4	204.3	204.5	204.5	204.5	204.3	204.4	204.4	204.4	204.3
61°	200.5	200.6	200.4	200.8	200.7	200.8	200.4	200.6	200.5	200.6	200.4
61.5°	196.9	196.8	196.8	197.0	197.0	197.0	196.8	196.8	196.9	196.8	196.8
62°	193.1	193.0	193.0	193.1	193.1	193.1	193.0	193.0	193.1	193.0	193.0
62.5°	189.1	189.2	189.2	189.2	189.4	189.2	189.2	189.2	189.1	189.2	189.2
63°	185.4	185.4	185.5	185.3	185.5	185.3	185.5	185.4	185.4	185.4	185.5
63.5°	181.4	181.6	181.5	181.5	181.6	181.5	181.5	181.6	181.4	181.6	181.5
64°	177.6	177.5	177.7	177.6	177.8	177.6	177.7	177.5	177.6	177.5	177.7
64.5°	173.6	173.7	173.8	173.7	174.0	173.7	173.8	173.7	173.6	173.7	173.8
65°	169.6	169.8	170.0	170.0	170.2	170.0	170.0	169.8	169.6	169.8	170.0
65.5°	165.9	166.0	166.0	166.0	166.2	166.0	166.0	166.0	165.9	166.0	166.0
66°	162.0	161.9	162.1	162.0	162.1	162.0	162.1	161.9	162.0	161.9	162.1

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997229

CATALOG NUMBER: SMX8RLSFS010-1200LM-4000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	150.1	150.1	150.1	150.2	150.4	150.2	150.1	150.1	150.1	150.1	150.1
68°	146.1	146.2	146.1	146.3	146.4	146.3	146.1	146.2	146.1	146.2	146.1
68.5°	142.2	142.2	142.1	142.4	142.5	142.4	142.1	142.2	142.2	142.2	142.1
69°	138.1	138.2	138.2	138.4	138.4	138.4	138.2	138.2	138.1	138.2	138.2
69.5°	134.1	134.2	134.3	134.1	134.3	134.1	134.3	134.2	134.1	134.2	134.3
70°	130.2	130.2	130.3	130.2	130.3	130.2	130.3	130.2	130.2	130.2	130.3
70.5°	126.3	126.3	126.2	126.3	126.2	126.3	126.2	126.3	126.3	126.3	126.2
71°	122.1	122.4	122.3	122.2	122.2	122.2	122.3	122.4	122.1	122.4	122.3
71.5°	118.0	118.2	118.1	118.2	118.2	118.2	118.1	118.2	118.0	118.2	118.1
72°	114.0	114.1	114.1	114.3	114.1	114.3	114.1	114.1	114.0	114.1	114.1
72.5°	110.0	110.0	110.0	110.1	110.1	110.1	110.0	110.0	110.0	110.0	110.0
73°	105.9	106.0	106.1	106.2	106.1	106.2	106.1	106.0	105.9	106.0	106.1
73.5°	101.9	102.0	102.1	102.2	102.1	102.2	102.1	102.0	101.9	102.0	102.1
74°	97.9	98.1	98.0	98.2	98.2	98.2	98.0	98.1	97.9	98.1	98.0
74.5°	93.9	93.9	94.0	94.2	94.2	94.2	94.0	93.9	93.9	93.9	94.0
75°	89.9	90.0	90.0	90.2	90.2	90.2	90.0	90.0	89.9	90.0	90.0
75.5°	86.0	85.9	86.1	86.1	86.3	86.1	86.1	85.9	86.0	85.9	86.1
76°	82.0	82.0	82.1	82.2	82.4	82.2	82.1	82.0	82.0	82.0	82.1
76.5°	77.9	78.0	78.2	78.4	78.5	78.4	78.2	78.0	77.9	78.0	78.2
77°	74.1	74.2	74.3	74.5	74.7	74.5	74.3	74.2	74.1	74.2	74.3
77.5°	70.1	70.2	70.4	70.7	70.9	70.7	70.4	70.2	70.1	70.2	70.4
78°	66.3	66.4	66.7	66.8	67.1	66.8	66.7	66.4	66.3	66.4	66.7
78.5°	62.5	62.6	62.8	62.9	63.2	62.9	62.8	62.6	62.5	62.6	62.8
79°	58.9	58.9	59.0	59.2	59.5	59.2	59.0	58.9	58.9	58.9	59.0
79.5°	55.2	55.2	55.4	55.6	55.7	55.6	55.4	55.2	55.2	55.2	55.4
80°	51.5	51.6	51.7	51.9	51.9	51.9	51.7	51.6	51.5	51.6	51.7
80.5°	48.0	48.0	48.2	48.4	48.4	48.4	48.2	48.0	48.0	48.0	48.2
81°	44.6	44.6	44.7	44.9	44.8	44.9	44.7	44.6	44.6	44.6	44.7
81.5°	41.1	41.1	41.2	41.4	41.4	41.4	41.2	41.1	41.1	41.1	41.2
82°	37.7	37.7	37.9	38.1	38.1	38.1	37.9	37.7	37.7	37.7	37.9
82.5°	34.3	34.3	34.5	35.0	35.0	35.0	34.5	34.3	34.3	34.3	34.5
83°	31.1	31.2	31.5	31.9	32.0	31.9	31.5	31.2	31.1	31.2	31.5
83.5°	27.8	28.0	28.4	28.7	29.0	28.7	28.4	28.0	27.8	28.0	28.4
84°	24.8	25.1	25.5	25.8	26.1	25.8	25.5	25.1	24.8	25.1	25.5
84.5°	22.1	22.3	22.6	23.0	23.6	23.0	22.6	22.3	22.1	22.3	22.6
85°	19.4	19.6	20.0	20.4	20.5	20.4	20.0	19.6	19.4	19.6	20.0
85.5°	17.0	17.1	17.5	17.9	18.4	17.9	17.5	17.1	17.0	17.1	17.5
86°	14.6	14.8	15.2	15.6	16.1	15.6	15.2	14.8	14.6	14.8	15.2
86.5°	12.4	12.6	13.1	13.6	14.1	13.6	13.1	12.6	12.4	12.6	13.1
87°	10.4	10.6	11.2	11.6	12.1	11.6	11.2	10.6	10.4	10.6	11.2
87.5°	8.5	8.8	9.3	9.8	10.4	9.8	9.3	8.8	8.5	8.8	9.3
88°	7.0	7.3	7.7	8.3	8.8	8.3	7.7	7.3	7.0	7.3	7.7
88.5°	5.6	5.8	6.3	6.7	7.4	6.7	6.3	5.8	5.6	5.8	6.3

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

Scaled Data Report



TEST NUMBER: P997229
CATALOG NUMBER: SMX8RLSFS010-1200LM-4000K

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: P997229

CATALOG NUMBER: SMX8RLSFS010-1200LM-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	456.6	456.6	456.6	456.6	456.6	456.6
0.5°	456.6	456.5	456.6	456.5	456.9	456.6
1°	456.5	456.6	456.5	456.5	456.7	456.7
1.5°	456.2	456.5	456.2	456.4	456.6	456.7
2°	456.1	456.3	456.1	456.3	456.6	456.4
2.5°	456.0	456.2	456.0	456.2	456.4	456.2
3°	456.0	456.0	456.0	455.8	455.9	456.0
3.5°	455.6	456.0	455.6	455.6	455.7	455.6
4°	455.5	455.6	455.5	455.2	455.4	455.2
4.5°	455.0	455.4	455.0	454.8	455.1	455.0
5°	454.8	454.8	454.8	454.4	454.7	454.6
5.5°	454.2	454.6	454.2	454.1	454.3	454.5
6°	453.9	454.1	453.9	453.6	453.8	454.1
6.5°	453.3	453.6	453.3	453.2	453.2	453.3
7°	452.9	453.0	452.9	452.7	452.7	452.7
7.5°	452.3	452.3	452.3	452.3	452.3	452.2
8°	451.7	451.6	451.7	451.7	451.6	451.8
8.5°	450.9	451.1	450.9	450.9	451.1	450.9
9°	450.2	450.4	450.2	450.3	450.4	450.2
9.5°	449.5	449.7	449.5	449.5	449.7	449.4
10°	448.8	448.8	448.8	448.8	448.8	448.9
10.5°	447.9	448.2	447.9	448.2	448.1	447.8
11°	447.1	447.3	447.1	447.3	447.2	447.0
11.5°	446.2	446.4	446.2	446.3	446.5	446.0
12°	445.5	445.5	445.5	445.2	445.3	445.4
12.5°	444.6	444.6	444.6	444.4	444.6	444.4
13°	443.6	443.6	443.6	443.4	443.6	443.4
13.5°	442.7	442.7	442.7	442.6	442.5	442.5
14°	441.6	441.5	441.6	441.4	441.6	441.4
14.5°	440.4	440.7	440.4	440.4	440.5	440.5
15°	439.3	439.4	439.3	439.0	439.2	439.4
15.5°	438.2	438.3	438.2	437.7	438.1	437.8
16°	437.0	437.1	437.0	436.6	436.7	436.5
16.5°	435.6	435.8	435.6	435.5	435.6	435.5
17°	434.3	434.5	434.3	434.2	434.1	434.2
17.5°	432.9	433.2	432.9	432.8	432.8	433.0
18°	431.6	431.9	431.6	431.5	431.4	431.6
18.5°	430.1	430.2	430.1	430.2	430.0	430.1
19°	428.8	428.7	428.8	428.9	428.7	428.9
19.5°	427.2	427.3	427.2	427.5	427.4	427.4
20°	425.9	426.1	425.9	425.9	425.8	426.0
20.5°	424.4	424.6	424.4	424.3	424.2	424.4
21°	423.0	422.9	423.0	422.6	422.5	422.8

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997229

CATALOG NUMBER: SMX8RLSFS010-1200LM-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	417.8	417.9	417.8	417.7	417.7	417.7
23°	416.1	416.1	416.1	416.1	415.8	416.2
23.5°	414.4	414.3	414.4	414.4	414.2	414.5
24°	412.7	412.6	412.7	412.6	412.3	412.4
24.5°	410.8	410.7	410.8	410.7	410.7	410.5
25°	409.0	408.9	409.0	408.8	408.6	408.7
25.5°	407.1	407.0	407.1	407.1	406.9	407.1
26°	405.1	405.1	405.1	405.2	404.9	405.1
26.5°	403.2	403.3	403.2	403.3	403.0	403.1
27°	401.1	401.2	401.1	401.2	401.0	401.1
27.5°	399.1	399.0	399.1	399.2	399.0	399.2
28°	397.0	397.0	397.0	397.2	396.7	397.2
28.5°	394.8	394.9	394.8	395.2	394.7	395.0
29°	392.9	393.0	392.9	392.9	392.8	392.9
29.5°	390.7	390.7	390.7	390.8	390.6	390.8
30°	388.5	388.7	388.5	388.6	388.5	388.6
30.5°	386.4	386.5	386.4	386.4	386.2	386.5
31°	384.2	384.2	384.2	384.2	383.9	384.3
31.5°	382.0	381.9	382.0	381.8	381.6	382.1
32°	379.8	379.5	379.8	379.6	379.3	379.7
32.5°	377.3	377.3	377.3	377.3	377.2	377.3
33°	375.1	375.0	375.1	375.0	374.8	375.1
33.5°	372.6	372.5	372.6	372.6	372.5	372.5
34°	370.2	369.9	370.2	370.2	370.1	370.1
34.5°	367.7	367.5	367.7	367.7	367.6	367.8
35°	365.3	365.0	365.3	365.2	365.2	365.3
35.5°	362.7	362.7	362.7	362.8	362.7	362.6
36°	360.2	360.1	360.2	360.4	360.2	360.2
36.5°	357.5	357.6	357.5	357.7	357.6	357.7
37°	354.9	354.8	354.9	355.1	355.0	355.0
37.5°	352.2	352.4	352.2	352.4	352.3	352.5
38°	349.7	349.8	349.7	349.7	349.5	349.8
38.5°	347.0	347.1	347.0	347.1	346.9	347.3
39°	344.4	344.5	344.4	344.5	344.2	344.5
39.5°	341.5	341.7	341.5	341.7	341.6	342.1
40°	338.8	338.8	338.8	339.0	338.8	339.2
40.5°	336.0	335.8	336.0	336.0	336.0	336.2
41°	333.3	333.0	333.3	333.2	333.2	333.2
41.5°	330.3	330.2	330.3	330.3	330.3	330.3
42°	327.6	327.5	327.6	327.5	327.5	327.4
42.5°	324.7	324.7	324.7	324.7	324.5	324.6
43°	321.8	321.8	321.8	321.5	321.5	321.6
43.5°	318.8	318.7	318.8	318.6	318.5	318.5

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997229

CATALOG NUMBER: SMX8RLSFS010-1200LM-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	309.7	309.8	309.7	309.7	309.5	309.5
45.5°	306.5	306.6	306.5	306.7	306.4	306.8
46°	303.6	303.6	303.6	303.4	303.3	303.6
46.5°	300.4	300.5	300.4	300.3	300.3	300.4
47°	297.2	297.4	297.2	297.2	297.3	297.3
47.5°	294.3	294.2	294.3	294.2	294.1	294.1
48°	291.1	290.9	291.1	291.1	291.0	290.9
48.5°	287.9	287.9	287.9	287.9	287.8	287.6
49°	284.8	284.5	284.8	284.7	284.5	284.6
49.5°	281.4	281.4	281.4	281.5	281.2	281.3
50°	278.3	278.1	278.3	278.1	277.9	278.0
50.5°	275.0	274.9	275.0	274.8	274.7	274.7
51°	271.8	271.5	271.8	271.4	271.4	271.7
51.5°	268.3	268.2	268.3	268.0	268.1	268.4
52°	264.8	264.8	264.8	264.8	264.7	265.0
52.5°	261.4	261.5	261.4	261.5	261.4	261.5
53°	258.0	258.0	258.0	258.0	257.9	258.0
53.5°	254.6	254.6	254.6	254.6	254.5	254.5
54°	251.1	251.1	251.1	251.1	251.0	251.0
54.5°	247.6	247.8	247.6	247.6	247.5	247.5
55°	244.2	244.2	244.2	244.2	244.0	244.1
55.5°	240.6	240.6	240.6	240.7	240.6	240.4
56°	237.1	237.0	237.1	236.9	237.1	237.1
56.5°	233.7	233.6	233.7	233.4	233.7	233.7
57°	230.0	230.0	230.0	230.0	230.0	230.0
57.5°	226.4	226.3	226.4	226.3	226.4	226.2
58°	222.7	222.7	222.7	222.8	222.8	222.8
58.5°	219.1	219.2	219.1	219.1	219.2	219.2
59°	215.5	215.5	215.5	215.5	215.4	215.4
59.5°	211.9	211.9	211.9	211.9	211.7	211.8
60°	208.3	208.2	208.3	208.1	208.0	208.0
60.5°	204.5	204.5	204.5	204.3	204.4	204.4
61°	200.8	200.7	200.8	200.4	200.6	200.5
61.5°	197.0	197.0	197.0	196.8	196.8	196.9
62°	193.1	193.1	193.1	193.0	193.0	193.1
62.5°	189.2	189.4	189.2	189.2	189.2	189.1
63°	185.3	185.5	185.3	185.5	185.4	185.4
63.5°	181.5	181.6	181.5	181.5	181.6	181.4
64°	177.6	177.8	177.6	177.7	177.5	177.6
64.5°	173.7	174.0	173.7	173.8	173.7	173.6
65°	170.0	170.2	170.0	170.0	169.8	169.6
65.5°	166.0	166.2	166.0	166.0	166.0	165.9
66°	162.0	162.1	162.0	162.1	161.9	162.0

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997229

CATALOG NUMBER: SMX8RLSFS010-1200LM-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	150.2	150.4	150.2	150.1	150.1	150.1
68°	146.3	146.4	146.3	146.1	146.2	146.1
68.5°	142.4	142.5	142.4	142.1	142.2	142.2
69°	138.4	138.4	138.4	138.2	138.2	138.1
69.5°	134.1	134.3	134.1	134.3	134.2	134.1
70°	130.2	130.3	130.2	130.3	130.2	130.2
70.5°	126.3	126.2	126.3	126.2	126.3	126.3
71°	122.2	122.2	122.2	122.3	122.4	122.1
71.5°	118.2	118.2	118.2	118.1	118.2	118.0
72°	114.3	114.1	114.3	114.1	114.1	114.0
72.5°	110.1	110.1	110.1	110.0	110.0	110.0
73°	106.2	106.1	106.2	106.1	106.0	105.9
73.5°	102.2	102.1	102.2	102.1	102.0	101.9
74°	98.2	98.2	98.2	98.0	98.1	97.9
74.5°	94.2	94.2	94.2	94.0	93.9	93.9
75°	90.2	90.2	90.2	90.0	90.0	89.9
75.5°	86.1	86.3	86.1	86.1	85.9	86.0
76°	82.2	82.4	82.2	82.1	82.0	82.0
76.5°	78.4	78.5	78.4	78.2	78.0	77.9
77°	74.5	74.7	74.5	74.3	74.2	74.1
77.5°	70.7	70.9	70.7	70.4	70.2	70.1
78°	66.8	67.1	66.8	66.7	66.4	66.3
78.5°	62.9	63.2	62.9	62.8	62.6	62.5
79°	59.2	59.5	59.2	59.0	58.9	58.9
79.5°	55.6	55.7	55.6	55.4	55.2	55.2
80°	51.9	51.9	51.9	51.7	51.6	51.5
80.5°	48.4	48.4	48.4	48.2	48.0	48.0
81°	44.9	44.8	44.9	44.7	44.6	44.6
81.5°	41.4	41.4	41.4	41.2	41.1	41.1
82°	38.1	38.1	38.1	37.9	37.7	37.7
82.5°	35.0	35.0	35.0	34.5	34.3	34.3
83°	31.9	32.0	31.9	31.5	31.2	31.1
83.5°	28.7	29.0	28.7	28.4	28.0	27.8
84°	25.8	26.1	25.8	25.5	25.1	24.8
84.5°	23.0	23.6	23.0	22.6	22.3	22.1
85°	20.4	20.5	20.4	20.0	19.6	19.4
85.5°	17.9	18.4	17.9	17.5	17.1	17.0
86°	15.6	16.1	15.6	15.2	14.8	14.6
86.5°	13.6	14.1	13.6	13.1	12.6	12.4
87°	11.6	12.1	11.6	11.2	10.6	10.4
87.5°	9.8	10.4	9.8	9.3	8.8	8.5
88°	8.3	8.8	8.3	7.7	7.3	7.0
88.5°	6.7	7.4	6.7	6.3	5.8	5.6

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Scaled Data Report



TEST NUMBER: P997229
CATALOG NUMBER: SMX8RLSFS010-1200LM-4000K

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°	421.1	421.0	421.1	421.1	421.3	421.1	421.1	421.0	421.1	421.0	421.1
22°	419.6	419.4	419.4	419.5	419.5	419.5	419.4	419.4	419.6	419.4	419.4



44°	315.5	315.6	315.7	315.9	315.8	315.9	315.7	315.6	315.5	315.6	315.7
44.5°	312.5	312.6	312.8	312.8	312.8	312.8	312.8	312.6	312.5	312.6	312.8



66.5°	158.0	158.0	158.0	158.0	158.2	158.0	158.0	158.0	158.0	158.0	158.0
67°	154.1	154.1	154.1	154.1	154.3	154.1	154.1	154.0	154.1	154.0	154.1



89°	4.5	4.6	5.0	5.5	6.0	5.5	5.0	4.6	4.5	4.6	5.0
89.5°	3.4	3.6	3.9	4.5	5.0	4.5	3.9	3.6	3.4	3.6	3.9

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21.5°	421.1	421.3	421.1	421.1	421.0	421.1
22°	419.5	419.5	419.5	419.4	419.4	419.6

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44°	315.9	315.8	315.9	315.7	315.6	315.5
44.5°	312.8	312.8	312.8	312.8	312.6	312.5

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66.5°	158.0	158.2	158.0	158.0	158.0	158.0
67°	154.1	154.3	154.1	154.1	154.0	154.1

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89°	5.5	6.0	5.5	5.0	4.6	4.5
89.5°	4.5	5.0	4.5	3.9	3.6	3.4

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(END OF REPORT)