

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: P997242

Luminaire Tested: **SMX8SLSFS010-1200LM-3000K**

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: P997242
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: SMX8SLSFS010-1200LM-3000K
Description: 8IN SQAURE, 90CRI, 0-10V DIMMING, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 3000K CCT
Ballast/Driver: -

Summary

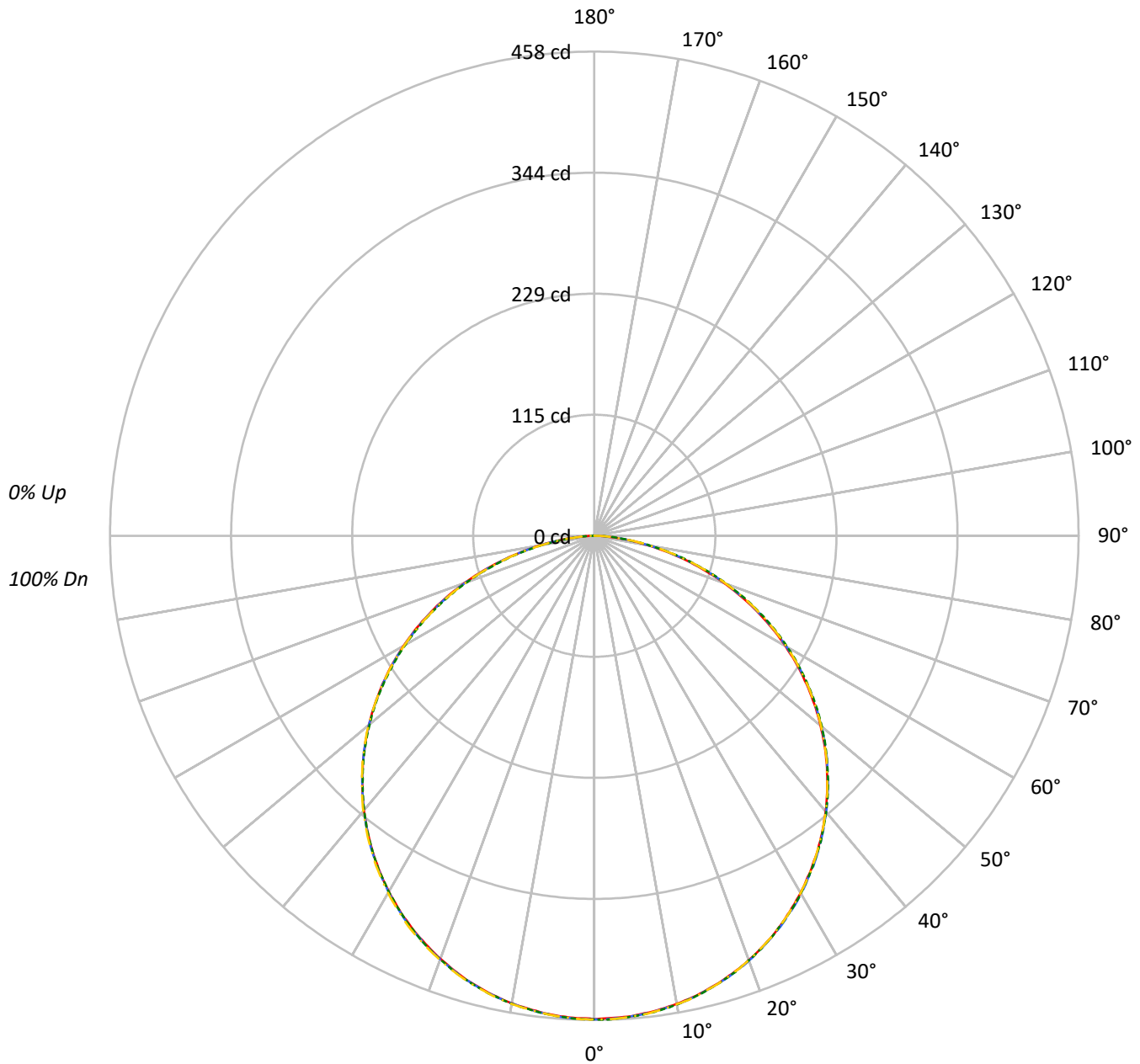
Lumens per Lamp: N/A
Luminaire Lumens: 1332.2 lumens
Efficiency: N/A
Efficacy: 100.2 lumens/watt
Spacing Criteria (0/90/45): 1.27 / 1.27 / 1.39
Luminous Opening: Rectangular (W 0.67' x L: 0.67' x H: 0')
CIE Type: Direct

Input Watts (W): 13.3
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°	10968	10968	10968	10968
5°	10954	10974	10947	10961
10°	10947	10964	10935	10942
15°	10928	10940	10905	10918
20°	10898	10904	10865	10888
25°	10855	10863	10818	10826
30°	10801	10818	10762	10765
35°	10734	10749	10696	10696
40°	10658	10677	10608	10602
45°	10550	10584	10506	10485
50°	10419	10475	10374	10344
55°	10251	10326	10221	10159
60°	10013	10119	9994	9903
65°	9662	9810	9657	9526
70°	9149	9352	9163	8974
75°	8357	8616	8375	8106
80°	7098	7457	7153	6780
85°	5227	5860	5420	4760



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	43.3	3.2
10°-20°	124.3	9.3
20°-30°	189.0	14.2
30°-40°	229.2	17.2
40°-50°	239.7	18.0
50°-60°	218.9	16.4
60°-70°	168.4	12.6
70°-80°	95.5	7.2
80°-90°	23.9	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°	356.5	26.8
0°-40°	585.7	44.0
0°-60°	1044.3	78.4
0°-90°	1332.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1332.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	457	457	457	457	457	
5°	455	456	455	455	455	43
15°	440	441	439	440	440	124
25°	410	411	409	409	410	189
35°	367	367	365	365	367	229
45°	311	312	310	309	311	240
55°	245	247	244	243	245	219
65°	170	173	170	168	170	168
75°	90	93	90	88	90	95
85°	19	21	20	17	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°	457.4	457.4	457.4	457.4	457.4	457.4	457.4	457.4	457.4	457.4	457.4
0.5°	456.9	457.5	457.5	457.5	457.7	457.2	457.5	457.4	456.7	457.4	457.4
1°	456.8	457.6	457.5	457.6	457.8	457.2	457.6	457.5	456.6	457.5	457.2
1.5°	456.6	457.3	457.3	457.6	457.8	457.1	457.6	457.2	456.6	457.5	457.1
2°	456.5	457.2	457.1	457.6	457.7	457.0	457.5	457.3	456.6	457.3	457.0
2.5°	456.3	456.9	456.9	457.2	457.3	456.9	457.3	457.0	456.4	456.9	456.9
3°	456.3	456.8	456.7	456.9	457.0	456.6	457.1	456.9	456.2	456.8	456.7
3.5°	456.1	456.6	456.6	456.7	456.7	456.5	456.8	456.3	455.8	456.4	456.5
4°	456.0	456.4	456.3	456.5	456.5	456.2	456.5	456.1	455.7	456.2	456.2
4.5°	455.7	455.8	455.9	456.3	456.1	456.0	456.2	455.7	455.2	455.9	455.7
5°	455.1	455.6	455.5	456.1	455.9	455.4	455.7	455.6	454.8	455.3	455.3
5.5°	454.8	455.1	455.1	455.4	455.4	455.1	455.7	455.0	454.4	454.8	454.7
6°	454.2	454.8	454.7	455.2	455.1	454.7	455.1	454.6	454.0	454.4	454.3
6.5°	453.9	454.3	454.2	454.7	454.6	454.2	454.7	454.2	453.5	453.7	453.7
7°	453.4	453.9	453.8	454.4	454.3	453.7	453.9	453.8	452.8	453.4	453.4
7.5°	453.0	453.1	453.2	453.7	453.6	453.2	453.4	453.0	452.3	452.8	452.7
8°	452.1	452.7	452.7	453.1	453.0	452.6	452.6	452.4	451.6	452.0	452.2
8.5°	451.6	452.1	452.0	452.2	452.2	452.1	452.3	451.7	451.0	451.3	451.4
9°	450.8	451.4	451.4	451.8	451.9	451.3	451.4	451.3	450.5	450.5	450.7
9.5°	450.3	450.8	450.7	450.9	450.9	450.6	450.8	450.5	449.8	449.8	449.9
10°	449.6	450.1	450.2	450.4	450.3	449.7	449.8	449.8	449.1	449.3	449.2
10.5°	448.8	449.3	449.4	449.5	449.5	449.1	449.4	448.8	448.3	448.4	448.5
11°	447.8	448.6	448.5	448.8	448.6	448.2	448.7	448.3	447.5	447.5	447.7
11.5°	447.2	447.8	447.5	447.9	447.7	447.7	448.0	447.3	446.6	446.9	446.8
12°	446.3	447.0	446.8	446.9	447.0	446.5	446.9	446.2	445.6	446.0	446.1
12.5°	445.5	446.0	445.9	446.0	445.8	445.6	446.1	445.4	444.7	445.1	444.9
13°	444.3	445.3	444.9	445.2	445.1	444.5	444.8	444.5	443.8	443.9	444.1
13.5°	443.4	444.1	443.8	444.1	444.0	443.7	443.9	443.6	442.7	443.0	442.9
14°	442.2	443.2	442.6	443.1	442.9	442.7	442.7	442.5	441.5	441.8	442.0
14.5°	441.3	442.1	441.8	441.9	441.7	441.5	441.7	441.4	440.4	440.8	440.7
15°	440.2	441.1	440.7	440.9	440.7	440.4	440.6	440.4	439.3	439.6	439.8
15.5°	439.2	439.8	439.6	439.5	439.5	439.2	439.5	439.0	438.2	438.5	438.4
16°	438.0	438.7	438.3	438.4	438.5	438.1	438.2	437.8	437.2	437.0	437.3
16.5°	436.8	437.6	437.2	437.2	437.0	436.7	437.0	436.5	435.8	436.1	435.8
17°	435.3	436.4	435.9	435.9	436.0	435.5	435.8	435.3	434.4	434.6	434.7
17.5°	434.2	434.9	434.7	434.6	434.4	434.3	434.6	434.1	433.0	433.4	433.3
18°	432.9	433.6	433.3	433.3	433.5	432.9	433.0	432.7	431.7	431.9	432.2
18.5°	431.7	432.1	432.1	431.9	431.8	431.4	431.8	431.2	430.3	430.5	430.5
19°	430.1	431.0	430.7	430.5	430.3	429.9	430.1	429.6	428.7	428.9	429.2
19.5°	428.7	429.5	429.3	428.9	428.7	428.6	428.7	428.1	427.3	427.5	427.7
20°	427.1	428.1	427.7	427.6	427.3	427.2	427.1	426.6	425.8	425.9	426.3
20.5°	425.7	426.4	426.3	425.9	425.9	425.8	425.7	425.3	424.3	424.5	424.6
21°	424.1	425.0	424.6	424.5	424.4	424.2	424.2	423.4	422.7	423.0	423.3

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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°	419.4	419.8	419.7	419.6	419.5	419.3	419.3	418.4	417.6	418.1	418.2
23°	417.6	418.2	418.0	417.7	417.9	417.5	417.6	416.9	415.9	416.5	416.7
23.5°	416.0	416.6	416.4	416.0	416.2	415.8	415.9	415.2	414.3	414.6	414.6
24°	414.2	415.0	414.6	414.2	414.5	414.0	414.2	413.3	412.7	412.8	413.1
24.5°	412.4	413.2	412.9	412.6	412.5	412.2	412.3	411.6	410.8	411.1	411.3
25°	410.3	411.4	411.1	410.8	410.6	410.3	410.4	409.6	408.9	409.4	409.6
25.5°	408.7	409.3	409.3	408.8	408.7	408.4	408.6	407.8	406.9	407.5	407.6
26°	406.5	407.5	407.4	407.1	406.8	406.6	406.6	405.9	405.0	405.5	405.9
26.5°	404.6	405.5	405.4	405.0	405.0	404.5	404.7	404.0	403.2	403.5	403.8
27°	402.5	403.5	403.6	403.1	403.0	402.6	402.6	401.8	401.3	401.6	401.8
27.5°	400.7	401.5	401.6	401.1	401.1	400.7	400.7	400.1	399.2	399.6	399.6
28°	398.4	399.4	399.5	399.1	399.1	398.7	398.6	397.9	397.1	397.4	397.7
28.5°	396.4	397.3	397.5	397.0	397.0	396.7	396.5	396.0	394.7	395.4	395.4
29°	394.2	395.2	395.4	394.9	395.0	394.3	394.3	393.8	392.9	393.4	393.5
29.5°	392.3	393.1	393.3	392.8	392.9	392.3	392.3	391.6	390.8	391.1	391.3
30°	390.1	390.8	391.0	390.6	390.7	390.0	390.1	389.4	388.7	388.9	389.2
30.5°	387.9	388.6	388.9	388.4	388.5	387.9	387.8	387.1	386.4	386.7	386.8
31°	385.5	386.4	386.5	386.2	386.4	385.7	385.7	384.8	384.2	384.3	384.7
31.5°	383.3	383.9	384.3	383.8	383.8	383.5	383.4	382.6	381.9	382.0	382.4
32°	380.8	381.4	381.8	381.4	381.6	381.2	381.1	380.3	379.7	379.7	380.1
32.5°	378.9	379.3	379.7	379.4	379.3	379.0	378.8	378.2	377.4	377.6	377.9
33°	376.6	377.0	377.3	377.1	377.1	376.7	376.7	375.7	375.0	375.2	375.6
33.5°	374.0	374.6	375.2	374.7	374.5	374.4	374.0	373.4	372.4	372.8	373.1
34°	371.4	372.2	372.7	372.3	372.2	371.9	371.6	371.1	370.2	370.4	370.8
34.5°	369.1	369.9	370.2	369.8	369.6	369.6	369.3	368.5	367.6	368.1	368.4
35°	366.7	367.4	367.6	367.3	367.2	367.0	366.7	365.9	365.4	365.4	365.7
35.5°	364.3	364.9	365.2	364.8	364.8	364.6	364.1	363.5	362.6	363.3	363.3
36°	361.6	362.4	362.6	362.3	362.4	362.0	361.6	361.0	360.3	360.6	360.7
36.5°	359.1	359.6	360.2	359.7	359.9	359.6	358.9	358.5	357.6	358.0	357.9
37°	356.5	356.9	357.3	357.1	357.1	356.8	356.5	355.9	355.0	355.4	355.5
37.5°	354.0	354.3	354.8	354.6	354.5	354.2	353.9	353.1	352.3	352.9	352.5
38°	351.3	351.7	352.1	351.9	351.8	351.4	351.1	350.4	349.8	350.3	350.0
38.5°	348.6	349.1	349.3	349.3	349.2	349.0	348.4	347.7	346.9	347.8	347.3
39°	345.8	346.4	346.5	346.6	346.5	346.2	345.8	345.1	344.3	344.9	344.5
39.5°	343.1	343.7	343.8	343.9	343.9	343.7	343.2	342.6	341.6	342.3	342.0
40°	340.5	341.0	341.1	341.1	341.1	341.0	340.4	339.6	338.9	339.4	339.1
40.5°	337.5	338.1	338.4	338.3	338.2	338.2	337.6	336.8	336.0	336.6	336.2
41°	334.7	335.4	335.6	335.4	335.4	335.3	334.9	334.0	333.3	333.7	333.4
41.5°	331.9	332.4	332.9	332.6	332.8	332.4	331.9	331.1	330.3	330.7	330.4
42°	329.0	329.5	329.7	329.9	330.0	329.4	329.2	328.1	327.5	327.6	327.7
42.5°	326.0	326.7	327.1	327.0	327.0	326.5	326.2	325.3	324.7	324.9	324.8
43°	323.1	323.9	324.0	324.0	324.1	323.6	323.2	322.4	321.7	322.0	321.9
43.5°	320.1	320.8	321.0	321.0	321.1	320.6	320.2	319.5	318.7	319.2	318.8

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	311.1	311.9	312.1	312.2	312.1	311.7	311.2	310.5	309.8	310.1	309.8
45.5°	308.1	308.8	309.0	309.1	309.0	308.7	308.2	307.6	306.9	307.2	306.8
46°	304.9	305.8	306.2	306.2	306.1	305.8	305.4	304.5	303.8	304.1	303.8
46.5°	302.0	302.5	303.0	303.1	303.1	302.9	302.4	301.6	300.6	301.0	300.7
47°	298.7	299.4	299.9	300.0	299.9	299.6	299.2	298.5	297.5	297.9	297.6
47.5°	295.7	296.2	296.6	296.8	296.7	296.5	295.8	295.1	294.3	294.7	294.4
48°	292.3	293.1	293.5	293.6	293.7	293.2	292.7	291.9	291.2	291.3	291.1
48.5°	289.2	289.8	290.3	290.4	290.6	290.1	289.6	288.9	288.0	288.2	287.9
49°	285.7	286.5	287.0	287.2	287.2	286.9	286.6	285.5	284.6	285.0	284.7
49.5°	282.5	283.3	283.8	284.0	284.0	283.6	283.2	282.3	281.3	281.8	281.3
50°	279.3	280.0	280.5	280.7	280.8	280.2	280.0	278.7	278.1	278.4	278.1
50.5°	275.9	276.6	277.1	277.2	277.5	277.0	276.5	275.3	274.8	275.0	274.8
51°	272.7	273.3	273.8	273.9	274.2	273.7	273.2	272.1	271.6	271.8	271.4
51.5°	269.2	270.2	270.6	270.6	271.1	270.6	269.9	269.0	268.3	268.5	268.3
52°	266.0	266.8	267.3	267.4	267.8	267.1	266.8	265.8	265.0	265.1	264.7
52.5°	262.6	263.3	263.7	263.9	264.2	263.9	263.3	262.4	261.7	261.7	261.3
53°	259.1	259.9	260.4	260.6	261.0	260.3	260.1	258.9	258.2	258.3	257.8
53.5°	255.7	256.4	256.9	257.1	257.6	257.1	256.4	255.6	254.8	254.9	254.4
54°	252.3	253.0	253.4	253.6	253.9	253.6	253.1	252.0	251.3	251.3	250.8
54.5°	248.6	249.5	250.0	249.9	250.5	250.1	249.5	248.6	247.8	247.9	247.3
55°	245.2	245.9	246.5	246.6	247.0	246.7	246.1	245.3	244.5	244.3	243.9
55.5°	241.5	242.3	243.0	243.1	243.6	243.1	242.6	241.6	240.8	240.8	240.3
56°	238.1	238.8	239.3	239.6	240.0	239.6	239.0	238.1	237.3	237.3	236.9
56.5°	234.6	235.5	235.8	236.1	236.5	236.2	235.5	234.6	233.9	233.7	233.4
57°	231.1	231.9	232.3	232.5	233.0	232.6	232.1	230.9	230.3	230.1	229.8
57.5°	227.0	228.2	228.7	228.8	229.3	229.0	228.4	227.3	226.7	226.5	226.1
58°	223.7	224.4	225.0	225.1	225.7	225.2	224.8	223.8	223.1	222.8	222.5
58.5°	220.0	220.8	221.3	221.3	222.2	221.8	221.1	220.2	219.3	219.2	218.8
59°	216.1	217.1	217.6	217.8	218.4	217.9	217.5	216.5	215.7	215.4	215.0
59.5°	212.3	213.4	213.8	213.9	214.8	214.3	213.8	212.9	211.9	211.9	211.2
60°	208.8	209.6	210.1	210.2	211.0	210.5	210.1	209.3	208.4	208.0	207.5
60.5°	205.0	205.8	206.4	206.3	207.4	207.0	206.3	205.5	204.8	204.4	203.8
61°	201.2	202.2	202.4	202.7	203.6	203.1	202.6	201.9	200.9	200.6	200.0
61.5°	197.5	198.5	198.9	198.9	200.0	199.3	198.8	198.1	197.1	196.7	196.2
62°	193.6	194.7	195.0	195.2	196.1	195.6	195.1	194.2	193.4	193.0	192.5
62.5°	189.8	190.8	191.3	191.1	192.4	191.9	191.3	190.5	189.6	189.2	188.6
63°	185.9	186.9	187.2	187.3	188.4	188.0	187.5	186.7	185.8	185.4	184.8
63.5°	182.1	183.0	183.4	183.4	184.6	184.1	183.6	182.8	182.0	181.5	180.9
64°	177.9	179.1	179.5	179.6	180.7	180.2	179.8	179.1	178.0	177.6	177.0
64.5°	174.1	175.2	175.5	175.6	176.8	176.4	175.8	175.3	174.0	173.6	173.1
65°	170.3	171.2	171.5	171.8	172.9	172.6	172.1	171.3	170.2	169.8	169.3
65.5°	166.5	167.3	167.6	167.7	169.1	168.7	168.2	167.5	166.3	165.9	165.4
66°	162.4	163.5	163.9	164.0	165.1	164.7	164.4	163.5	162.7	162.1	161.5

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997242

CATALOG NUMBER: SMX8SLSFS010-1200LM-3000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	150.4	151.6	152.1	152.1	153.5	153.1	152.6	151.8	150.7	150.1	149.6
68°	146.3	147.6	147.9	148.2	149.5	148.9	148.6	147.6	146.7	146.1	145.6
68.5°	142.7	143.6	143.9	144.2	145.3	144.9	144.6	143.6	142.7	142.1	141.6
69°	138.5	139.5	139.8	140.2	141.4	141.1	140.7	139.5	138.6	138.1	137.6
69.5°	134.3	135.4	135.9	136.1	137.4	137.0	136.7	135.5	134.6	134.0	133.5
70°	130.5	131.4	131.8	132.4	133.4	132.9	132.6	131.4	130.7	130.0	129.4
70.5°	126.4	127.6	128.0	128.3	129.4	129.0	128.6	127.5	126.6	126.0	125.5
71°	122.4	123.5	123.9	124.4	125.2	124.9	124.7	123.6	122.7	122.0	121.3
71.5°	118.3	119.5	119.9	120.3	121.3	121.0	120.5	119.3	118.5	118.0	117.3
72°	114.4	115.3	115.8	116.3	117.2	116.9	116.5	115.4	114.4	113.8	113.3
72.5°	110.2	111.3	111.8	112.3	113.2	112.7	112.3	111.4	110.4	109.8	109.1
73°	106.1	107.3	107.7	108.1	109.1	108.7	108.3	107.2	106.4	105.7	105.1
73.5°	101.9	103.2	103.7	104.0	104.9	104.6	104.1	103.2	102.2	101.6	101.0
74°	98.0	99.2	99.5	100.0	100.8	100.8	100.3	99.1	98.3	97.5	96.9
74.5°	94.1	95.3	95.7	95.8	96.8	96.7	96.3	95.0	94.3	93.6	93.2
75°	90.2	91.3	91.8	91.8	93.0	92.6	92.3	91.3	90.4	89.6	89.2
75.5°	86.2	87.3	87.7	87.8	89.1	88.7	88.4	87.3	86.3	85.7	85.2
76°	82.0	83.2	83.6	83.7	85.0	84.7	84.4	83.3	82.5	81.7	81.3
76.5°	78.1	79.2	79.7	79.7	81.1	80.7	80.5	79.4	78.4	77.6	77.3
77°	74.2	75.3	75.7	75.7	77.0	76.7	76.6	75.5	74.5	73.8	73.3
77.5°	70.2	71.4	71.8	71.7	73.2	72.8	72.7	71.5	70.5	69.8	69.6
78°	66.3	67.5	67.8	67.9	69.3	68.9	68.8	67.5	66.6	66.0	65.6
78.5°	62.5	63.6	64.0	64.1	65.4	65.0	64.7	63.6	62.8	62.2	61.9
79°	58.9	59.9	60.2	60.3	61.4	61.3	61.1	59.8	59.1	58.5	58.4
79.5°	55.2	56.2	56.6	56.7	57.7	57.6	57.4	56.2	55.4	54.7	54.5
80°	51.4	52.4	52.8	52.9	54.0	53.9	53.6	52.5	51.8	51.1	50.7
80.5°	47.7	48.7	49.2	49.3	50.5	50.3	50.0	48.9	48.3	47.7	47.3
81°	44.4	45.1	45.6	45.7	47.0	46.9	46.6	45.5	44.9	44.3	44.0
81.5°	40.9	41.7	42.2	42.2	43.6	43.3	43.1	42.1	41.4	40.7	40.4
82°	37.3	38.1	38.6	38.7	40.1	40.0	39.6	38.6	38.0	37.3	37.0
82.5°	33.7	34.7	35.1	35.3	36.6	36.6	36.3	35.4	34.7	34.1	33.8
83°	30.6	31.2	31.6	31.8	33.4	33.3	32.9	32.0	31.5	30.8	30.6
83.5°	27.3	28.0	28.3	28.4	30.1	30.0	29.7	28.9	28.2	27.7	27.5
84°	24.4	25.0	25.3	25.3	26.9	26.9	26.6	25.8	25.1	24.7	24.5
84.5°	21.6	22.3	22.6	22.6	23.9	24.0	23.7	23.0	22.5	22.0	21.9
85°	19.0	19.6	19.8	19.9	21.3	21.2	21.0	20.3	19.7	19.2	19.1
85.5°	16.4	17.0	17.2	17.3	18.5	18.6	18.3	17.6	17.0	16.7	16.6
86°	14.0	14.6	14.8	14.7	15.9	16.0	15.7	15.1	14.6	14.2	14.1
86.5°	11.9	12.5	12.5	12.5	13.6	13.6	13.3	12.8	12.2	12.0	12.0
87°	10.0	10.5	10.6	10.5	11.3	11.4	11.2	10.6	10.1	9.9	9.9
87.5°	8.3	8.7	8.8	8.6	9.3	9.3	9.2	8.7	8.3	8.2	8.2
88°	6.9	7.2	7.2	7.0	7.5	7.5	7.3	7.0	6.6	6.6	6.6
88.5°	5.7	5.9	5.9	5.7	5.8	6.0	5.9	5.4	5.1	5.1	5.3

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

Scaled Data Report



TEST NUMBER: P997242
CATALOG NUMBER: SMX8SLSFS010-1200LM-3000K

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: P997242

CATALOG NUMBER: SMX8SLSFS010-1200LM-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	457.4	457.4	457.4	457.4	457.4	457.4
0.5°	457.6	457.5	457.2	457.8	457.5	456.9
1°	457.6	457.5	457.0	457.3	457.7	456.8
1.5°	457.2	457.4	457.0	457.5	457.3	456.6
2°	457.3	457.2	456.9	457.2	457.3	456.5
2.5°	456.8	457.0	456.9	457.1	456.8	456.3
3°	456.8	456.7	456.6	456.6	456.9	456.3
3.5°	456.3	456.3	456.4	456.6	456.6	456.1
4°	456.2	456.1	455.8	456.1	456.4	456.0
4.5°	455.7	455.7	455.5	455.8	455.8	455.7
5°	455.4	455.4	455.2	455.3	455.5	455.1
5.5°	454.9	454.8	454.7	455.0	455.0	454.8
6°	454.5	454.5	454.1	454.3	454.6	454.2
6.5°	453.9	453.9	453.7	453.9	454.1	453.9
7°	453.5	453.3	453.1	453.4	453.7	453.4
7.5°	452.8	452.7	452.5	452.7	453.0	453.0
8°	452.4	452.0	451.8	452.0	452.5	452.1
8.5°	451.8	451.4	451.3	451.8	451.7	451.6
9°	451.0	451.0	450.6	451.0	451.3	450.8
9.5°	450.3	450.1	450.0	450.4	450.5	450.3
10°	449.6	449.4	449.1	449.7	449.9	449.6
10.5°	448.7	448.7	448.3	448.9	449.1	448.8
11°	448.0	447.9	447.7	448.1	448.4	447.8
11.5°	446.9	447.0	446.8	447.2	447.4	447.2
12°	446.0	445.9	445.7	446.3	446.5	446.3
12.5°	445.0	445.1	445.0	445.5	445.6	445.5
13°	444.1	444.3	443.7	444.4	444.7	444.3
13.5°	442.9	443.2	442.9	443.3	443.5	443.4
14°	442.0	442.1	441.5	442.2	442.6	442.2
14.5°	441.0	441.0	440.6	441.2	441.4	441.3
15°	439.8	439.8	439.3	440.3	440.5	440.2
15.5°	438.5	438.8	438.4	439.1	439.3	439.2
16°	437.3	437.5	437.3	437.9	438.2	438.0
16.5°	436.0	436.5	436.1	436.6	436.8	436.8
17°	434.8	435.3	434.5	435.4	435.6	435.3
17.5°	433.3	433.8	433.2	433.9	434.2	434.2
18°	432.1	432.5	431.8	432.8	433.1	432.9
18.5°	430.7	430.9	430.6	431.3	431.5	431.7
19°	429.4	429.5	429.1	430.0	430.2	430.1
19.5°	428.0	427.8	427.8	428.6	428.6	428.7
20°	426.6	426.7	426.2	427.2	427.4	427.1
20.5°	424.9	425.1	424.9	425.3	425.6	425.7
21°	423.3	423.4	422.9	423.9	424.2	424.1

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997242

CATALOG NUMBER: SMX8SLSFS010-1200LM-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	418.2	418.6	418.2	419.2	419.0	419.4
23°	416.6	416.8	416.5	417.5	417.5	417.6
23.5°	414.7	414.9	415.1	415.8	415.5	416.0
24°	413.1	412.9	413.1	414.2	414.0	414.2
24.5°	411.2	411.2	411.3	412.5	412.1	412.4
25°	409.3	409.2	409.4	410.8	410.7	410.3
25.5°	407.5	407.4	407.6	409.0	408.5	408.7
26°	405.5	405.7	405.6	406.9	406.6	406.5
26.5°	403.6	403.6	403.5	404.8	404.4	404.6
27°	401.6	401.4	401.4	402.8	402.6	402.5
27.5°	399.4	399.4	399.4	400.8	400.4	400.7
28°	397.5	397.5	397.3	398.7	398.5	398.4
28.5°	395.2	395.3	395.3	396.5	396.2	396.4
29°	393.2	392.9	393.2	394.5	394.3	394.2
29.5°	390.9	390.8	391.2	392.4	392.0	392.3
30°	388.9	388.8	389.1	390.2	389.8	390.1
30.5°	386.6	386.5	386.8	387.9	387.6	387.9
31°	384.5	384.1	384.5	385.8	385.5	385.5
31.5°	382.0	381.8	382.2	383.3	383.1	383.3
32°	379.8	379.8	379.9	381.0	380.8	380.8
32.5°	377.5	377.5	377.9	378.7	378.4	378.9
33°	375.2	375.2	375.4	376.3	376.1	376.6
33.5°	372.9	372.7	373.0	374.1	373.9	374.0
34°	370.5	370.3	370.7	371.6	371.5	371.4
34.5°	367.8	367.9	368.2	368.9	369.1	369.1
35°	365.4	365.4	365.8	366.4	366.6	366.7
35.5°	362.8	362.7	363.2	363.9	364.1	364.3
36°	360.4	360.1	360.7	361.5	361.7	361.6
36.5°	357.7	357.7	357.9	358.8	358.9	359.1
37°	355.0	355.1	355.4	356.3	356.3	356.5
37.5°	352.2	352.5	352.9	353.4	353.7	354.0
38°	349.5	349.8	350.1	350.6	351.1	351.3
38.5°	346.8	346.9	347.3	347.9	348.3	348.6
39°	344.1	344.3	344.6	345.2	345.7	345.8
39.5°	341.6	341.5	342.0	342.6	343.1	343.1
40°	338.7	338.7	339.2	339.9	340.2	340.5
40.5°	335.8	335.9	336.2	337.1	337.4	337.5
41°	333.0	333.0	333.4	334.1	334.6	334.7
41.5°	330.1	330.1	330.4	331.1	331.6	331.9
42°	327.1	327.3	327.6	328.3	328.7	329.0
42.5°	324.2	324.3	324.8	325.3	325.9	326.0
43°	321.3	321.5	321.9	322.4	323.0	323.1
43.5°	318.2	318.3	319.0	319.4	320.0	320.1

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997242

CATALOG NUMBER: SMX8SLSFS010-1200LM-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	309.3	309.2	309.7	310.4	311.2	311.1
45.5°	306.4	306.3	306.7	307.3	308.3	308.1
46°	303.3	303.3	303.6	304.4	305.1	304.9
46.5°	300.2	300.2	300.5	301.3	301.9	302.0
47°	297.1	296.9	297.2	298.2	298.8	298.7
47.5°	293.9	293.7	294.1	294.9	295.6	295.7
48°	290.7	290.6	290.9	291.7	292.4	292.3
48.5°	287.5	287.4	287.6	288.4	289.2	289.2
49°	284.3	284.0	284.2	285.3	285.9	285.7
49.5°	281.0	280.7	281.2	281.8	282.6	282.5
50°	277.6	277.3	277.8	278.6	279.1	279.3
50.5°	274.3	274.0	274.5	275.3	276.0	275.9
51°	271.1	270.9	271.2	271.9	272.8	272.7
51.5°	267.9	267.5	267.9	268.7	269.6	269.2
52°	264.5	264.1	264.4	265.1	265.9	266.0
52.5°	261.1	260.6	261.0	261.7	262.7	262.6
53°	257.7	257.2	257.6	258.3	259.1	259.1
53.5°	254.3	253.8	254.2	254.8	255.7	255.7
54°	250.6	250.1	250.4	251.3	252.0	252.3
54.5°	247.1	246.6	247.0	247.7	248.6	248.6
55°	243.6	243.0	243.4	244.2	245.0	245.2
55.5°	240.1	239.5	239.9	240.5	241.4	241.5
56°	236.5	236.0	236.3	237.1	237.8	238.1
56.5°	233.0	232.5	233.0	233.5	234.3	234.6
57°	229.4	228.7	229.2	230.0	230.6	231.1
57.5°	225.8	225.2	225.6	226.0	227.1	227.0
58°	222.1	221.4	221.7	222.5	223.1	223.7
58.5°	218.6	217.9	218.3	218.8	219.6	220.0
59°	214.9	214.2	214.3	215.1	215.8	216.1
59.5°	211.0	210.4	210.6	211.2	212.1	212.3
60°	207.3	206.5	206.8	207.6	208.2	208.8
60.5°	203.6	202.7	203.0	203.7	204.5	205.0
61°	199.8	198.9	199.3	200.0	200.8	201.2
61.5°	196.0	195.1	195.8	196.1	197.1	197.5
62°	192.1	191.4	191.7	192.4	193.3	193.6
62.5°	188.3	187.5	187.8	188.4	189.3	189.8
63°	184.4	183.6	183.9	184.5	185.3	185.9
63.5°	180.5	179.7	180.1	180.6	181.5	182.1
64°	176.6	175.8	176.2	176.8	177.6	177.9
64.5°	172.7	171.9	172.2	172.7	173.8	174.1
65°	168.9	167.9	168.2	168.9	169.7	170.3
65.5°	165.0	163.9	164.5	164.9	166.0	166.5
66°	161.2	160.0	160.5	161.0	162.0	162.4

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997242

CATALOG NUMBER: SMX8SLSFS010-1200LM-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	149.2	148.1	148.5	149.1	150.2	150.4
68°	145.2	144.1	144.5	145.1	146.2	146.3
68.5°	141.3	140.2	140.4	140.9	142.1	142.7
69°	137.3	136.0	136.3	136.9	138.0	138.5
69.5°	133.1	132.0	132.3	132.8	134.0	134.3
70°	129.2	128.0	128.3	128.9	130.0	130.5
70.5°	125.1	123.9	124.3	124.9	125.9	126.4
71°	121.0	119.8	120.3	120.9	121.9	122.4
71.5°	116.9	115.8	116.1	116.8	117.9	118.3
72°	112.8	111.7	112.0	112.7	113.8	114.4
72.5°	108.7	107.6	108.0	108.7	109.8	110.2
73°	104.7	103.5	104.0	104.5	105.6	106.1
73.5°	100.8	99.6	99.7	100.5	101.7	101.9
74°	96.7	95.6	96.0	96.4	97.6	98.0
74.5°	92.8	91.6	92.0	92.6	93.7	94.1
75°	88.9	87.5	87.9	88.7	89.6	90.2
75.5°	84.8	83.7	84.0	84.5	85.5	86.2
76°	80.8	79.7	80.0	80.7	81.5	82.0
76.5°	76.8	75.7	76.0	76.6	77.5	78.1
77°	72.9	71.7	72.1	72.8	73.6	74.2
77.5°	69.0	67.8	68.2	68.8	69.7	70.2
78°	65.1	64.0	64.4	65.1	65.8	66.3
78.5°	61.4	60.2	60.5	61.1	62.0	62.5
79°	57.8	56.5	56.9	57.5	58.3	58.9
79.5°	54.0	52.6	53.1	53.8	54.7	55.2
80°	50.5	49.1	49.4	50.1	50.9	51.4
80.5°	47.1	45.6	45.8	46.6	47.3	47.7
81°	43.5	42.1	42.4	43.1	43.7	44.4
81.5°	40.0	38.6	39.0	39.6	40.3	40.9
82°	36.6	35.1	35.6	36.2	36.8	37.3
82.5°	33.4	31.7	32.1	32.7	33.3	33.7
83°	30.2	28.3	28.7	29.3	30.0	30.6
83.5°	27.2	25.3	25.8	26.1	26.8	27.3
84°	24.2	22.6	23.0	23.5	24.0	24.4
84.5°	21.6	20.0	20.2	20.7	21.3	21.6
85°	18.8	17.3	17.6	18.2	18.6	19.0
85.5°	16.3	14.9	15.3	15.7	16.2	16.4
86°	14.0	12.8	13.1	13.5	13.9	14.0
86.5°	11.8	10.7	11.1	11.5	11.8	11.9
87°	9.8	8.9	9.3	9.7	10.0	10.0
87.5°	8.2	7.4	7.9	8.2	8.3	8.3
88°	6.5	6.1	6.5	6.9	6.9	6.9
88.5°	5.2	4.9	5.5	5.7	5.6	5.7

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Scaled Data Report



TEST NUMBER: P997242
CATALOG NUMBER: SMX8SLSFS010-1200LM-3000K

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°	422.6	423.3	423.0	422.8	422.7	422.6	422.6	421.9	421.0	421.4	421.5
22°	420.8	421.6	421.4	421.2	421.4	420.8	420.9	420.2	419.3	419.8	420.1

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44°	317.1	317.8	317.9	318.1	318.2	317.5	317.3	316.4	315.8	316.3	315.8
44.5°	314.1	314.9	315.1	315.1	315.0	314.7	314.1	313.6	312.7	313.4	312.8



66.5°	158.5	159.5	160.0	160.1	161.3	160.8	160.5	159.6	158.6	158.1	157.5
67°	154.5	155.5	156.0	156.2	157.3	156.9	156.7	155.6	154.7	154.2	153.6



89°	4.5	4.7	4.7	4.4	4.5	4.6	4.5	4.1	3.9	3.9	4.1
89.5°	3.5	3.7	3.7	3.5	3.3	3.4	3.3	3.0	2.8	3.0	3.1

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21.5°	421.6	421.8	421.4	422.4	422.6	422.6
22°	420.1	420.4	419.7	420.9	421.0	420.8

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44°	315.3	315.2	315.8	316.5	317.1	317.1
44.5°	312.3	312.3	312.8	313.3	314.2	314.1

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66.5°	157.3	156.2	156.7	157.1	158.1	158.5
67°	153.4	152.2	152.5	153.1	154.0	154.5

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89°	4.1	3.9	4.5	4.7	4.6	4.5
89.5°	3.1	3.2	3.6	3.9	3.7	3.5

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Scaled Data Report



(END OF REPORT)