

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: P997244

Luminaire Tested: **SMX8SLSFS010-1200LM-4000K**

Issue Date: 3/11/2025



Test Information

Test Method: LM-41-14
Report Number: P997244
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-4000K
Description: 8IN SQAURE, 90CRI, 0-10V DIMMING, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 4000K CCT
Ballast/Driver: -

Summary

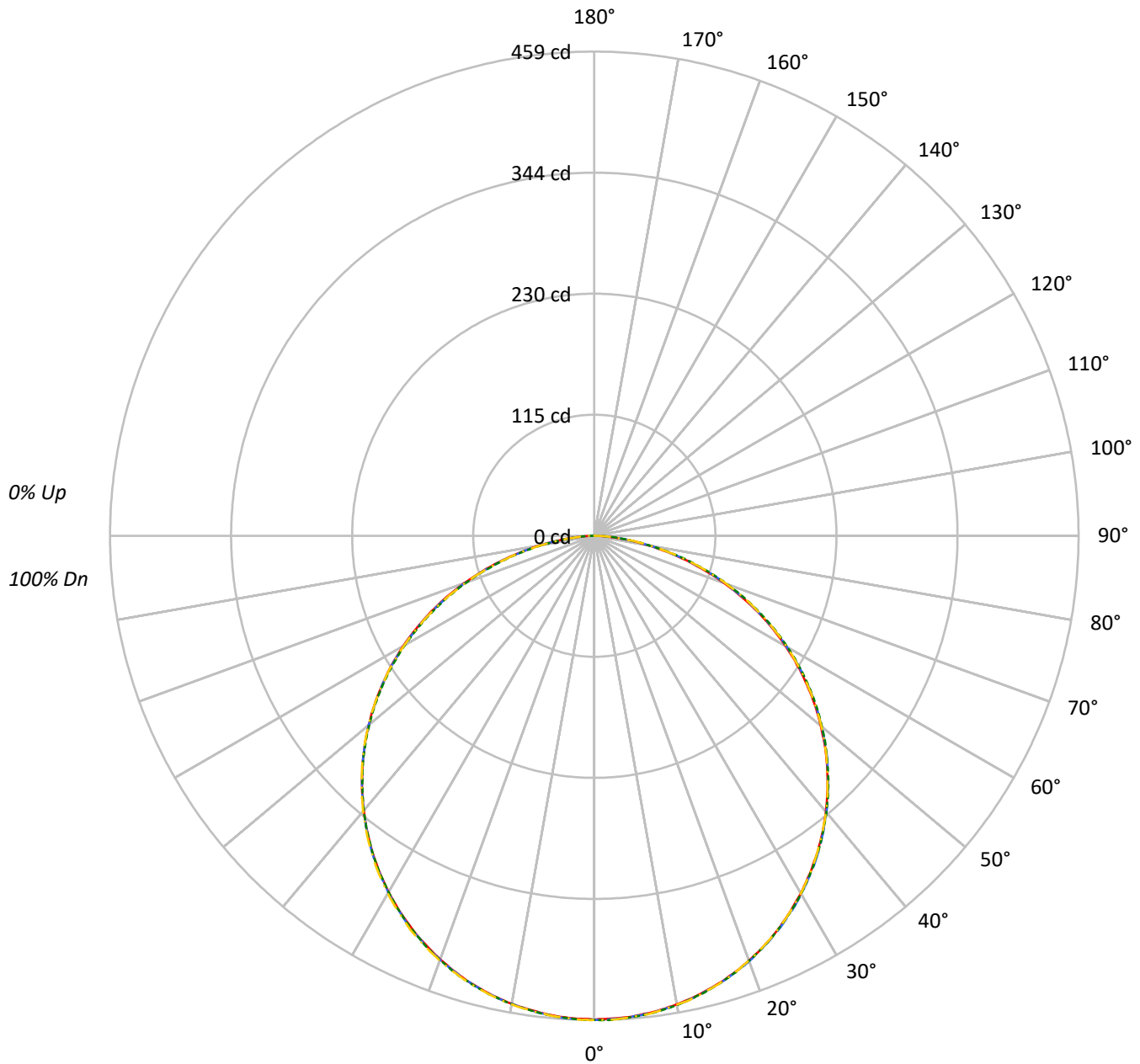
Lumens per Lamp: N/A
Luminaire Lumens: 1336.5 lumens
Efficiency: N/A
Efficacy: 100.5 lumens/watt
Spacing Criteria (0/90/45): 1.27 / 1.27 / 1.39
Luminous Opening: Rectangular (W 0.67' x L: 0.67' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P997244

CATALOG NUMBER: SMX8SLSFS010-1200LM-4000K

Luminous Intensity Polar Plot



Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997244

CATALOG NUMBER: SMX8SLSFS010-1200LM-4000K

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	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°	11004	11004	11004	11004
5°	10990	11007	10983	10998
10°	10984	10998	10971	10976
15°	10962	10977	10943	10955
20°	10934	10939	10901	10924
25°	10890	10898	10853	10861
30°	10837	10854	10796	10801
35°	10769	10784	10728	10731
40°	10693	10711	10643	10636
45°	10584	10617	10539	10519
50°	10453	10508	10408	10378
55°	10284	10359	10255	10192
60°	10047	10152	10028	9937
65°	9691	9844	9691	9555
70°	9184	9380	9191	9002
75°	8384	8644	8403	8134
80°	7125	7484	7180	6808
85°	5227	5888	5420	4760

Classified

Scaled Data Report

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997244

CATALOG NUMBER: SMX8SLSFS010-1200LM-4000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	43.4	3.2
10°-20°	124.7	9.3
20°-30°	189.6	14.2
30°-40°	229.9	17.2
40°-50°	240.5	18.0
50°-60°	219.6	16.4
60°-70°	169.0	12.6
70°-80°	95.8	7.2
80°-90°	24.0	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°	357.7	26.8
0°-40°	587.6	44.0
0°-60°	1047.7	78.4
0°-90°	1336.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1336.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	459	459	459	459	459	
5°	457	457	456	457	457	43
15°	442	442	441	441	442	125
25°	412	412	410	410	412	190
35°	368	368	366	367	368	230
45°	312	313	311	310	312	241
55°	246	248	245	244	246	220
65°	171	174	171	168	171	169
75°	90	93	91	88	90	96
85°	19	21	20	17	19	24
90°	0	0	0	0	0	

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997244

CATALOG NUMBER: SMX8SLSFS010-1200LM-4000K

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	458.9	458.9	458.9	458.9	458.9	458.9	458.9	458.9	458.9	458.9	458.9
0.5°	458.3	459.0	459.0	459.0	459.2	458.7	459.0	458.9	458.2	458.9	458.9
1°	458.3	459.1	458.9	459.1	459.2	458.7	459.1	459.0	458.1	459.0	458.7
1.5°	458.1	458.8	458.8	459.1	459.3	458.6	459.1	458.7	458.1	459.0	458.6
2°	458.0	458.7	458.6	459.1	459.2	458.4	459.0	458.7	458.1	458.7	458.5
2.5°	457.8	458.4	458.4	458.7	458.8	458.4	458.8	458.5	457.9	458.4	458.4
3°	457.8	458.3	458.2	458.4	458.5	458.1	458.5	458.4	457.7	458.3	458.2
3.5°	457.6	458.1	458.1	458.2	458.2	458.0	458.3	457.8	457.3	457.9	458.0
4°	457.5	457.9	457.8	458.0	458.0	457.7	458.0	457.6	457.2	457.7	457.7
4.5°	457.2	457.3	457.4	457.8	457.6	457.5	457.7	457.2	456.7	457.4	457.2
5°	456.6	457.1	457.0	457.5	457.3	456.9	457.2	457.1	456.3	456.8	456.8
5.5°	456.3	456.6	456.6	456.9	456.9	456.6	457.1	456.5	455.9	456.3	456.2
6°	455.7	456.3	456.2	456.7	456.6	456.1	456.5	456.1	455.4	455.9	455.8
6.5°	455.4	455.8	455.7	456.1	456.1	455.7	456.2	455.7	454.9	455.2	455.2
7°	454.9	455.4	455.3	455.8	455.7	455.2	455.4	455.2	454.2	454.8	454.9
7.5°	454.5	454.6	454.7	455.2	455.1	454.7	454.9	454.5	453.7	454.3	454.2
8°	453.6	454.2	454.2	454.5	454.5	454.1	454.1	453.9	453.1	453.5	453.7
8.5°	453.1	453.5	453.5	453.7	453.7	453.6	453.7	453.2	452.5	452.8	452.8
9°	452.3	452.9	452.9	453.2	453.3	452.8	452.8	452.8	451.9	452.0	452.2
9.5°	451.8	452.2	452.2	452.4	452.4	452.0	452.3	451.9	451.3	451.3	451.4
10°	451.1	451.6	451.7	451.8	451.7	451.2	451.3	451.3	450.6	450.8	450.6
10.5°	450.2	450.8	450.8	451.0	451.0	450.6	450.8	450.3	449.8	449.9	449.9
11°	449.3	450.1	450.0	450.3	450.1	449.7	450.2	449.7	448.9	449.0	449.2
11.5°	448.6	449.3	449.0	449.3	449.2	449.1	449.5	448.8	448.0	448.3	448.2
12°	447.8	448.5	448.3	448.3	448.5	447.9	448.3	447.6	447.1	447.5	447.5
12.5°	446.9	447.5	447.4	447.4	447.2	447.1	447.6	446.8	446.2	446.5	446.4
13°	445.8	446.7	446.3	446.6	446.5	446.0	446.3	445.9	445.2	445.3	445.6
13.5°	444.8	445.6	445.3	445.5	445.4	445.1	445.4	445.0	444.1	444.5	444.4
14°	443.6	444.7	444.1	444.6	444.4	444.2	444.1	443.9	442.9	443.3	443.4
14.5°	442.8	443.5	443.2	443.4	443.2	442.9	443.1	442.8	441.8	442.3	442.1
15°	441.6	442.6	442.1	442.3	442.2	441.8	442.0	441.8	440.8	441.1	441.2
15.5°	440.6	441.3	441.0	440.9	441.0	440.7	441.0	440.4	439.6	439.9	439.8
16°	439.5	440.2	439.8	439.8	439.9	439.5	439.6	439.2	438.6	438.4	438.7
16.5°	438.3	439.1	438.6	438.6	438.4	438.1	438.4	438.0	437.2	437.5	437.3
17°	436.7	437.8	437.3	437.3	437.4	436.9	437.2	436.7	435.9	436.0	436.1
17.5°	435.6	436.3	436.1	436.0	435.8	435.7	436.0	435.5	434.4	434.8	434.7
18°	434.3	435.0	434.7	434.8	434.9	434.3	434.5	434.1	433.1	433.3	433.6
18.5°	433.1	433.6	433.5	433.3	433.2	432.8	433.2	432.6	431.7	431.9	431.9
19°	431.5	432.4	432.1	431.9	431.7	431.3	431.5	431.0	430.1	430.3	430.6
19.5°	430.1	430.9	430.7	430.3	430.1	430.0	430.1	429.5	428.7	428.9	429.1
20°	428.5	429.5	429.1	429.0	428.7	428.6	428.5	428.0	427.2	427.2	427.7
20.5°	427.1	427.8	427.7	427.3	427.3	427.2	427.1	426.6	425.6	425.8	426.0
21°	425.5	426.4	426.0	425.9	425.7	425.6	425.6	424.8	424.0	424.4	424.7

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997244

CATALOG NUMBER: SMX8SLSFS010-1200LM-4000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
22.5°	420.7	421.2	421.1	420.9	420.8	420.7	420.6	419.8	419.0	419.5	419.6
23°	418.9	419.6	419.4	419.1	419.2	418.9	419.0	418.3	417.3	417.8	418.0
23.5°	417.4	417.9	417.7	417.3	417.6	417.1	417.3	416.6	415.7	415.9	415.9
24°	415.5	416.4	416.0	415.5	415.8	415.3	415.5	414.7	414.1	414.1	414.4
24.5°	413.8	414.6	414.2	413.9	413.8	413.6	413.6	413.0	412.1	412.4	412.6
25°	411.6	412.7	412.5	412.2	411.9	411.6	411.7	411.0	410.2	410.7	410.9
25.5°	410.1	410.6	410.7	410.2	410.0	409.8	410.0	409.1	408.2	408.8	409.0
26°	407.8	408.8	408.7	408.4	408.1	407.9	407.9	407.2	406.4	406.8	407.2
26.5°	405.9	406.8	406.7	406.3	406.3	405.8	406.0	405.3	404.5	404.8	405.1
27°	403.8	404.9	404.9	404.5	404.3	403.9	403.9	403.1	402.6	402.9	403.1
27.5°	402.0	402.8	402.9	402.4	402.4	402.0	402.0	401.4	400.5	400.9	400.9
28°	399.7	400.7	400.9	400.4	400.4	400.0	399.9	399.1	398.4	398.6	399.0
28.5°	397.7	398.5	398.8	398.3	398.3	398.0	397.8	397.3	396.0	396.7	396.7
29°	395.5	396.5	396.6	396.2	396.3	395.6	395.6	395.1	394.2	394.6	394.8
29.5°	393.6	394.3	394.6	394.1	394.1	393.6	393.6	392.9	392.1	392.4	392.6
30°	391.4	392.1	392.2	391.9	392.0	391.2	391.4	390.7	389.9	390.2	390.5
30.5°	389.1	389.9	390.2	389.6	389.8	389.2	389.1	388.4	387.6	388.0	388.1
31°	386.8	387.6	387.7	387.4	387.6	387.0	386.9	386.1	385.4	385.6	386.0
31.5°	384.6	385.2	385.6	385.1	385.1	384.8	384.6	383.8	383.1	383.3	383.6
32°	382.1	382.7	383.0	382.7	382.8	382.5	382.4	381.5	381.0	380.9	381.4
32.5°	380.1	380.5	381.0	380.7	380.5	380.2	380.0	379.4	378.6	378.8	379.1
33°	377.8	378.3	378.6	378.3	378.3	377.9	377.9	376.9	376.3	376.4	376.8
33.5°	375.2	375.8	376.4	375.9	375.8	375.7	375.2	374.6	373.6	374.1	374.3
34°	372.6	373.4	373.9	373.5	373.4	373.1	372.8	372.3	371.4	371.6	372.0
34.5°	370.3	371.1	371.4	371.0	370.8	370.8	370.5	369.7	368.8	369.3	369.6
35°	367.9	368.6	368.8	368.5	368.4	368.2	367.9	367.0	366.5	366.6	366.9
35.5°	365.5	366.1	366.4	366.0	366.0	365.8	365.3	364.6	363.8	364.5	364.5
36°	362.8	363.5	363.8	363.4	363.6	363.1	362.8	362.2	361.5	361.8	361.9
36.5°	360.3	360.8	361.3	360.8	361.1	360.7	360.1	359.7	358.7	359.2	359.1
37°	357.7	358.1	358.5	358.3	358.3	358.0	357.7	357.1	356.1	356.5	356.6
37.5°	355.1	355.4	355.9	355.7	355.6	355.4	355.0	354.2	353.5	354.1	353.7
38°	352.4	352.8	353.2	353.0	352.9	352.6	352.3	351.5	351.0	351.5	351.2
38.5°	349.7	350.2	350.5	350.5	350.3	350.1	349.5	348.9	348.1	348.9	348.4
39°	346.9	347.5	347.6	347.7	347.6	347.4	347.0	346.2	345.5	346.0	345.6
39.5°	344.3	344.8	344.9	345.0	345.0	344.9	344.3	343.7	342.7	343.4	343.1
40°	341.6	342.1	342.2	342.2	342.2	342.1	341.5	340.7	340.0	340.5	340.2
40.5°	338.6	339.2	339.5	339.4	339.3	339.3	338.7	337.9	337.1	337.7	337.3
41°	335.8	336.5	336.7	336.5	336.5	336.4	336.0	335.1	334.4	334.8	334.5
41.5°	332.9	333.5	333.9	333.7	333.9	333.5	333.0	332.2	331.4	331.8	331.5
42°	330.1	330.5	330.8	330.9	331.1	330.5	330.2	329.2	328.6	328.7	328.8
42.5°	327.1	327.8	328.1	328.1	328.1	327.6	327.2	326.3	325.8	326.0	325.9
43°	324.2	325.0	325.1	325.1	325.2	324.7	324.2	323.4	322.8	323.1	322.9
43.5°	321.2	321.9	322.1	322.1	322.1	321.6	321.3	320.5	319.8	320.2	319.8

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997244

CATALOG NUMBER: SMX8SLSFS010-1200LM-4000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	312.1	312.9	313.1	313.2	313.1	312.7	312.2	311.5	310.8	311.1	310.8
45.5°	309.1	309.8	310.1	310.1	310.1	309.7	309.2	308.6	307.9	308.2	307.8
46°	305.9	306.8	307.2	307.2	307.1	306.8	306.4	305.5	304.8	305.0	304.7
46.5°	303.0	303.5	304.0	304.1	304.1	303.9	303.3	302.6	301.6	301.9	301.7
47°	299.7	300.4	300.9	301.0	300.9	300.6	300.2	299.5	298.4	298.9	298.5
47.5°	296.6	297.2	297.5	297.8	297.7	297.5	296.8	296.1	295.2	295.7	295.3
48°	293.3	294.1	294.4	294.6	294.7	294.1	293.7	292.9	292.1	292.3	292.1
48.5°	290.1	290.7	291.2	291.3	291.6	291.1	290.6	289.8	289.0	289.2	288.9
49°	286.6	287.5	287.9	288.1	288.2	287.8	287.5	286.4	285.6	285.9	285.6
49.5°	283.4	284.2	284.7	284.9	285.0	284.5	284.2	283.2	282.3	282.7	282.2
50°	280.2	280.9	281.4	281.7	281.7	281.2	280.9	279.6	279.0	279.3	279.0
50.5°	276.8	277.5	278.0	278.1	278.4	277.9	277.4	276.2	275.6	275.9	275.6
51°	273.6	274.2	274.7	274.8	275.1	274.6	274.1	273.0	272.5	272.6	272.3
51.5°	270.1	271.1	271.4	271.5	272.0	271.4	270.8	269.9	269.2	269.4	269.1
52°	266.9	267.6	268.1	268.3	268.6	268.0	267.7	266.7	265.9	266.0	265.6
52.5°	263.4	264.2	264.6	264.8	265.0	264.8	264.2	263.2	262.6	262.6	262.1
53°	260.0	260.7	261.3	261.5	261.8	261.2	261.0	259.7	259.1	259.1	258.7
53.5°	256.5	257.2	257.8	257.9	258.4	257.9	257.2	256.4	255.6	255.8	255.2
54°	253.1	253.9	254.2	254.4	254.7	254.4	253.9	252.8	252.1	252.1	251.6
54.5°	249.4	250.3	250.8	250.7	251.3	250.9	250.3	249.4	248.6	248.7	248.1
55°	246.0	246.7	247.3	247.4	247.8	247.5	246.9	246.1	245.3	245.1	244.7
55.5°	242.2	243.1	243.8	243.9	244.4	243.9	243.4	242.4	241.6	241.6	241.1
56°	238.9	239.6	240.1	240.4	240.8	240.4	239.8	238.9	238.0	238.1	237.6
56.5°	235.4	236.2	236.6	236.8	237.2	237.0	236.3	235.4	234.6	234.5	234.1
57°	231.8	232.6	233.0	233.3	233.7	233.3	232.8	231.7	231.0	230.8	230.5
57.5°	227.7	228.9	229.4	229.5	230.0	229.8	229.2	228.1	227.4	227.2	226.8
58°	224.4	225.2	225.8	225.8	226.4	226.0	225.5	224.5	223.8	223.6	223.2
58.5°	220.8	221.5	222.0	222.1	222.9	222.5	221.8	220.9	220.0	219.9	219.5
59°	216.8	217.8	218.3	218.5	219.1	218.6	218.2	217.2	216.4	216.1	215.7
59.5°	213.0	214.1	214.5	214.6	215.5	215.0	214.5	213.6	212.6	212.5	211.9
60°	209.5	210.3	210.8	210.9	211.7	211.2	210.8	209.9	209.1	208.7	208.2
60.5°	205.6	206.5	207.0	207.0	208.0	207.6	207.0	206.1	205.4	205.0	204.4
61°	201.9	202.9	203.1	203.4	204.3	203.8	203.3	202.5	201.5	201.2	200.7
61.5°	198.1	199.1	199.5	199.5	200.6	200.0	199.4	198.7	197.7	197.4	196.9
62°	194.2	195.3	195.6	195.8	196.7	196.2	195.8	194.8	194.1	193.6	193.1
62.5°	190.5	191.4	191.9	191.7	193.0	192.5	191.9	191.1	190.2	189.8	189.2
63°	186.5	187.5	187.8	188.0	189.0	188.6	188.2	187.3	186.4	186.0	185.4
63.5°	182.7	183.6	184.0	184.0	185.2	184.7	184.2	183.4	182.5	182.1	181.5
64°	178.5	179.7	180.1	180.2	181.3	180.8	180.4	179.7	178.6	178.2	177.6
64.5°	174.7	175.8	176.1	176.1	177.4	176.9	176.4	175.8	174.6	174.2	173.6
65°	170.8	171.8	172.1	172.4	173.5	173.2	172.7	171.9	170.8	170.3	169.9
65.5°	167.0	167.9	168.2	168.3	169.6	169.3	168.7	168.0	166.9	166.5	166.0
66°	163.0	164.0	164.4	164.6	165.6	165.3	164.9	164.0	163.2	162.6	162.1

TEST NUMBER: P997244

CATALOG NUMBER: SMX8SLSFS010-1200LM-4000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	150.9	152.1	152.6	152.6	154.0	153.6	153.1	152.3	151.2	150.6	150.1
68°	146.8	148.0	148.4	148.6	149.9	149.4	149.1	148.1	147.2	146.6	146.1
68.5°	143.1	144.0	144.4	144.6	145.8	145.4	145.1	144.0	143.2	142.6	142.1
69°	138.9	139.9	140.3	140.7	141.8	141.5	141.2	140.0	139.1	138.5	138.1
69.5°	134.8	135.9	136.4	136.6	137.9	137.5	137.1	136.0	135.1	134.4	133.9
70°	131.0	131.8	132.2	132.8	133.8	133.3	133.0	131.9	131.1	130.4	129.8
70.5°	126.8	128.0	128.4	128.7	129.8	129.4	129.0	127.9	127.0	126.4	125.9
71°	122.8	123.9	124.3	124.8	125.6	125.4	125.1	124.0	123.1	122.4	121.7
71.5°	118.7	119.8	120.3	120.7	121.7	121.4	120.9	119.7	118.9	118.4	117.7
72°	114.8	115.7	116.1	116.7	117.6	117.3	116.8	115.8	114.8	114.2	113.7
72.5°	110.5	111.7	112.2	112.7	113.6	113.1	112.6	111.7	110.8	110.1	109.5
73°	106.4	107.6	108.1	108.4	109.4	109.1	108.6	107.5	106.8	106.0	105.5
73.5°	102.3	103.6	104.0	104.3	105.3	105.0	104.5	103.6	102.5	101.9	101.3
74°	98.3	99.5	99.9	100.3	101.1	101.1	100.6	99.5	98.6	97.8	97.2
74.5°	94.4	95.6	96.0	96.2	97.1	97.0	96.6	95.3	94.6	93.9	93.5
75°	90.5	91.6	92.1	92.1	93.3	92.9	92.6	91.6	90.7	89.9	89.5
75.5°	86.5	87.6	88.0	88.1	89.4	88.9	88.7	87.6	86.6	86.0	85.5
76°	82.3	83.4	83.8	84.0	85.2	85.0	84.7	83.6	82.8	82.0	81.6
76.5°	78.3	79.5	80.0	79.9	81.4	81.0	80.7	79.7	78.6	77.9	77.5
77°	74.4	75.6	76.0	76.0	77.2	77.0	76.8	75.7	74.7	74.0	73.6
77.5°	70.4	71.6	72.0	72.0	73.5	73.0	72.9	71.7	70.7	70.1	69.8
78°	66.5	67.8	68.0	68.1	69.5	69.2	69.0	67.7	66.8	66.2	65.8
78.5°	62.7	63.8	64.2	64.3	65.6	65.2	65.0	63.8	63.0	62.4	62.1
79°	59.0	60.1	60.4	60.5	61.6	61.5	61.3	60.0	59.3	58.7	58.5
79.5°	55.4	56.3	56.7	56.9	57.9	57.8	57.6	56.4	55.6	54.9	54.6
80°	51.6	52.6	53.0	53.1	54.2	54.1	53.8	52.7	52.0	51.3	50.9
80.5°	47.9	48.9	49.3	49.4	50.7	50.4	50.2	49.1	48.5	47.8	47.5
81°	44.5	45.3	45.8	45.9	47.1	47.0	46.7	45.7	45.0	44.4	44.1
81.5°	41.0	41.8	42.3	42.4	43.8	43.5	43.2	42.2	41.5	40.8	40.5
82°	37.4	38.3	38.7	38.8	40.2	40.1	39.7	38.8	38.1	37.4	37.1
82.5°	33.9	34.8	35.2	35.4	36.8	36.7	36.4	35.5	34.9	34.3	33.9
83°	30.6	31.3	31.7	31.9	33.5	33.4	33.1	32.2	31.6	30.9	30.7
83.5°	27.4	28.1	28.4	28.5	30.2	30.1	29.8	28.9	28.3	27.8	27.5
84°	24.5	25.1	25.4	25.4	26.9	27.0	26.7	25.8	25.2	24.8	24.5
84.5°	21.7	22.3	22.6	22.6	24.0	24.0	23.8	23.0	22.5	22.1	21.9
85°	19.0	19.7	19.9	20.0	21.4	21.3	21.1	20.4	19.7	19.3	19.2
85.5°	16.4	17.1	17.2	17.3	18.6	18.6	18.3	17.7	17.1	16.8	16.6
86°	14.1	14.7	14.8	14.8	16.0	16.1	15.8	15.1	14.6	14.2	14.1
86.5°	12.0	12.6	12.6	12.5	13.6	13.6	13.4	12.8	12.3	12.0	12.0
87°	10.0	10.5	10.6	10.6	11.3	11.4	11.2	10.6	10.2	10.0	10.0
87.5°	8.3	8.8	8.9	8.7	9.4	9.4	9.3	8.7	8.3	8.2	8.2
88°	6.9	7.2	7.2	7.1	7.5	7.5	7.4	7.0	6.6	6.6	6.6
88.5°	5.7	5.9	5.9	5.7	5.9	6.0	5.9	5.4	5.1	5.2	5.3

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

Scaled Data Report



TEST NUMBER: P997244
CATALOG NUMBER: SMX8SLSFS010-1200LM-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: P997244

CATALOG NUMBER: SMX8SLSFS010-1200LM-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	458.9	458.9	458.9	458.9	458.9	458.9
0.5°	459.1	459.0	458.7	459.3	459.0	458.3
1°	459.1	459.0	458.4	458.8	459.2	458.3
1.5°	458.7	458.9	458.5	459.0	458.8	458.1
2°	458.8	458.7	458.4	458.7	458.8	458.0
2.5°	458.3	458.5	458.4	458.6	458.3	457.8
3°	458.3	458.1	458.1	458.1	458.4	457.8
3.5°	457.8	457.8	457.9	458.1	458.1	457.6
4°	457.7	457.6	457.3	457.6	457.9	457.5
4.5°	457.2	457.2	457.0	457.3	457.3	457.2
5°	456.9	456.9	456.6	456.8	457.0	456.6
5.5°	456.3	456.3	456.2	456.5	456.5	456.3
6°	456.0	456.0	455.6	455.7	456.1	455.7
6.5°	455.3	455.4	455.2	455.4	455.6	455.4
7°	455.0	454.8	454.6	454.9	455.2	454.9
7.5°	454.3	454.2	454.0	454.2	454.5	454.5
8°	453.9	453.5	453.3	453.5	454.0	453.6
8.5°	453.2	452.9	452.8	453.2	453.2	453.1
9°	452.5	452.4	452.0	452.5	452.8	452.3
9.5°	451.7	451.6	451.5	451.9	452.0	451.8
10°	451.1	450.8	450.5	451.1	451.4	451.1
10.5°	450.2	450.1	449.7	450.4	450.6	450.2
11°	449.5	449.3	449.1	449.5	449.8	449.3
11.5°	448.3	448.4	448.3	448.7	448.9	448.6
12°	447.5	447.3	447.1	447.8	447.9	447.8
12.5°	446.4	446.6	446.5	446.9	447.0	446.9
13°	445.6	445.8	445.2	445.8	446.1	445.8
13.5°	444.3	444.6	444.3	444.8	445.0	444.8
14°	443.5	443.5	443.0	443.7	444.1	443.6
14.5°	442.4	442.4	442.1	442.7	442.9	442.8
15°	441.2	441.3	440.8	441.7	442.0	441.6
15.5°	439.9	440.2	439.8	440.6	440.8	440.6
16°	438.8	438.9	438.7	439.3	439.6	439.5
16.5°	437.4	438.0	437.5	438.0	438.2	438.3
17°	436.2	436.7	436.0	436.8	437.0	436.7
17.5°	434.8	435.2	434.6	435.3	435.6	435.6
18°	433.5	433.9	433.2	434.3	434.5	434.3
18.5°	432.1	432.3	432.0	432.7	432.9	433.1
19°	430.8	430.9	430.5	431.4	431.6	431.5
19.5°	429.4	429.2	429.2	430.0	430.0	430.1
20°	427.9	428.1	427.6	428.6	428.8	428.5
20.5°	426.3	426.5	426.3	426.7	427.0	427.1
21°	424.6	424.7	424.3	425.3	425.6	425.5

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997244

CATALOG NUMBER: SMX8SLSFS010-1200LM-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	419.5	420.0	419.6	420.6	420.4	420.7
23°	417.9	418.1	417.8	418.9	418.8	418.9
23.5°	416.1	416.2	416.4	417.2	416.9	417.4
24°	414.4	414.3	414.5	415.6	415.4	415.5
24.5°	412.6	412.5	412.6	413.9	413.4	413.8
25°	410.6	410.5	410.7	412.2	412.0	411.6
25.5°	408.8	408.8	408.9	410.4	409.8	410.1
26°	406.9	407.0	407.0	408.2	408.0	407.8
26.5°	404.9	404.9	404.9	406.1	405.7	405.9
27°	402.9	402.7	402.8	404.1	403.9	403.8
27.5°	400.7	400.7	400.7	402.1	401.7	402.0
28°	398.8	398.8	398.6	400.0	399.8	399.7
28.5°	396.5	396.6	396.6	397.8	397.5	397.7
29°	394.5	394.2	394.5	395.8	395.5	395.5
29.5°	392.2	392.1	392.5	393.7	393.2	393.6
30°	390.1	390.1	390.3	391.5	391.1	391.4
30.5°	387.8	387.7	388.0	389.1	388.8	389.1
31°	385.7	385.3	385.7	387.0	386.8	386.8
31.5°	383.3	383.0	383.4	384.6	384.4	384.6
32°	381.0	381.0	381.1	382.2	382.0	382.1
32.5°	378.7	378.8	379.1	380.0	379.7	380.1
33°	376.5	376.4	376.6	377.6	377.4	377.8
33.5°	374.1	373.9	374.2	375.3	375.1	375.2
34°	371.7	371.5	371.9	372.8	372.7	372.6
34.5°	369.0	369.1	369.4	370.1	370.3	370.3
35°	366.6	366.6	367.0	367.6	367.8	367.9
35.5°	364.0	363.8	364.4	365.1	365.3	365.5
36°	361.6	361.2	361.9	362.7	362.9	362.8
36.5°	358.8	358.8	359.0	360.0	360.1	360.3
37°	356.1	356.2	356.5	357.4	357.5	357.7
37.5°	353.3	353.6	354.0	354.5	354.8	355.1
38°	350.6	351.0	351.2	351.8	352.2	352.4
38.5°	347.9	348.0	348.4	349.0	349.5	349.7
39°	345.2	345.4	345.7	346.4	346.9	346.9
39.5°	342.7	342.6	343.1	343.7	344.2	344.3
40°	339.8	339.8	340.3	341.0	341.4	341.6
40.5°	336.9	337.0	337.3	338.1	338.5	338.6
41°	334.1	334.1	334.4	335.1	335.7	335.8
41.5°	331.1	331.2	331.5	332.2	332.7	332.9
42°	328.2	328.4	328.6	329.4	329.8	330.1
42.5°	325.3	325.4	325.9	326.4	327.0	327.1
43°	322.3	322.6	322.9	323.4	324.1	324.2
43.5°	319.2	319.3	320.0	320.4	321.1	321.2

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997244

CATALOG NUMBER: SMX8SLSFS010-1200LM-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	310.3	310.2	310.7	311.5	312.2	312.1
45.5°	307.4	307.3	307.7	308.3	309.3	309.1
46°	304.3	304.3	304.6	305.4	306.1	305.9
46.5°	301.2	301.2	301.5	302.3	302.9	303.0
47°	298.0	297.9	298.2	299.1	299.7	299.7
47.5°	294.8	294.7	295.1	295.8	296.6	296.6
48°	291.7	291.6	291.9	292.7	293.3	293.3
48.5°	288.5	288.4	288.6	289.4	290.1	290.1
49°	285.2	284.9	285.1	286.2	286.8	286.6
49.5°	281.9	281.6	282.1	282.7	283.5	283.4
50°	278.5	278.2	278.7	279.5	280.0	280.2
50.5°	275.2	274.9	275.3	276.2	276.9	276.8
51°	272.0	271.7	272.1	272.8	273.7	273.6
51.5°	268.8	268.4	268.8	269.6	270.4	270.1
52°	265.3	265.0	265.2	266.0	266.8	266.9
52.5°	262.0	261.5	261.8	262.5	263.6	263.4
53°	258.5	258.0	258.4	259.1	259.9	260.0
53.5°	255.2	254.6	255.0	255.7	256.5	256.5
54°	251.4	250.9	251.2	252.1	252.8	253.1
54.5°	247.9	247.4	247.8	248.6	249.4	249.4
55°	244.4	243.8	244.2	245.0	245.8	246.0
55.5°	240.9	240.3	240.7	241.3	242.2	242.2
56°	237.2	236.8	237.1	237.9	238.6	238.9
56.5°	233.8	233.2	233.8	234.3	235.0	235.4
57°	230.1	229.5	230.0	230.8	231.4	231.8
57.5°	226.5	226.0	226.3	226.7	227.8	227.7
58°	222.9	222.1	222.4	223.2	223.8	224.4
58.5°	219.3	218.6	219.0	219.5	220.4	220.8
59°	215.6	214.8	215.0	215.8	216.5	216.8
59.5°	211.7	211.1	211.2	211.9	212.8	213.0
60°	208.0	207.2	207.5	208.3	208.9	209.5
60.5°	204.2	203.4	203.7	204.3	205.2	205.6
61°	200.5	199.5	200.0	200.7	201.5	201.9
61.5°	196.7	195.7	196.4	196.8	197.8	198.1
62°	192.8	192.0	192.3	193.0	193.9	194.2
62.5°	188.9	188.1	188.4	189.0	189.9	190.5
63°	185.0	184.2	184.5	185.1	185.9	186.5
63.5°	181.1	180.3	180.7	181.2	182.1	182.7
64°	177.2	176.3	176.8	177.3	178.2	178.5
64.5°	173.3	172.5	172.7	173.3	174.4	174.7
65°	169.5	168.4	168.7	169.4	170.3	170.8
65.5°	165.6	164.4	165.0	165.5	166.5	167.0
66°	161.7	160.6	161.1	161.5	162.5	163.0

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997244

CATALOG NUMBER: SMX8SLSFS010-1200LM-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	149.7	148.6	149.0	149.6	150.6	150.9
68°	145.7	144.5	144.9	145.5	146.6	146.8
68.5°	141.7	140.6	140.9	141.3	142.6	143.1
69°	137.7	136.5	136.8	137.4	138.5	138.9
69.5°	133.5	132.4	132.7	133.2	134.4	134.8
70°	129.7	128.4	128.8	129.3	130.5	131.0
70.5°	125.5	124.3	124.7	125.3	126.3	126.8
71°	121.4	120.2	120.7	121.3	122.3	122.8
71.5°	117.3	116.2	116.5	117.2	118.3	118.7
72°	113.2	112.1	112.3	113.1	114.2	114.8
72.5°	109.1	108.0	108.4	109.1	110.1	110.5
73°	105.1	103.8	104.3	104.9	105.9	106.4
73.5°	101.1	99.9	100.0	100.8	102.0	102.3
74°	97.0	95.9	96.3	96.8	97.9	98.3
74.5°	93.1	91.9	92.3	92.9	94.0	94.4
75°	89.2	87.8	88.2	89.0	89.9	90.5
75.5°	85.1	84.0	84.2	84.8	85.8	86.5
76°	81.1	79.9	80.3	80.9	81.8	82.3
76.5°	77.0	75.9	76.2	76.9	77.8	78.3
77°	73.1	72.0	72.4	73.0	73.8	74.4
77.5°	69.2	68.0	68.4	69.0	69.9	70.4
78°	65.3	64.2	64.6	65.3	66.0	66.5
78.5°	61.6	60.4	60.7	61.3	62.2	62.7
79°	58.0	56.7	57.1	57.7	58.5	59.0
79.5°	54.2	52.8	53.3	54.0	54.9	55.4
80°	50.6	49.3	49.5	50.3	51.1	51.6
80.5°	47.3	45.7	45.9	46.7	47.5	47.9
81°	43.7	42.2	42.6	43.2	43.9	44.5
81.5°	40.1	38.8	39.1	39.7	40.4	41.0
82°	36.8	35.2	35.7	36.3	36.9	37.4
82.5°	33.5	31.8	32.2	32.8	33.4	33.9
83°	30.3	28.4	28.8	29.4	30.1	30.6
83.5°	27.3	25.4	25.8	26.2	26.9	27.4
84°	24.2	22.7	23.1	23.5	24.1	24.5
84.5°	21.6	20.0	20.2	20.8	21.4	21.7
85°	18.9	17.3	17.7	18.2	18.7	19.0
85.5°	16.4	14.9	15.3	15.7	16.2	16.4
86°	14.0	12.8	13.1	13.6	13.9	14.1
86.5°	11.9	10.8	11.2	11.5	11.9	12.0
87°	9.9	9.0	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	5.7	5.7

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

Scaled Data Report



TEST NUMBER: P997244
CATALOG NUMBER: SMX8SLSFS010-1200LM-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

Classified

Scaled Data Report

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



Report Generated By 670245859 / DESKTOP-T8S5UU9

Classified

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report





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

Classified

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report



Classified

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report





21.5°	424.0	424.7	424.3	424.2	424.1	424.0	424.0	423.2	422.3	422.8	422.9
22°	422.2	422.9	422.8	422.6	422.7	422.2	422.2	421.5	420.7	421.2	421.4

Classified

Scaled Data Report

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



44°	318.1	318.9	319.0	319.1	319.2	318.6	318.3	317.5	316.8	317.3	316.9
44.5°	315.1	315.9	316.1	316.1	316.1	315.7	315.1	314.6	313.7	314.4	313.8



66.5°	159.0	160.0	160.6	160.6	161.8	161.3	161.0	160.2	159.1	158.6	158.1
67°	155.0	156.0	156.5	156.7	157.8	157.4	157.2	156.1	155.2	154.7	154.1



89°	4.5	4.8	4.7	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	3.0	2.8	3.0	3.1

Classified

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report



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

Scaled Data Report



21.5°	423.0	423.2	422.8	423.8	423.9	424.0
22°	421.5	421.7	421.1	422.2	422.4	422.2

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

Scaled Data Report



44°	316.3	316.2	316.9	317.5	318.1	318.1
44.5°	313.3	313.3	313.8	314.3	315.2	315.1

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

Scaled Data Report



66.5°	157.8	156.7	157.2	157.6	158.6	159.0
67°	153.9	152.7	153.0	153.6	154.5	155.0

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

Scaled Data Report



89°	4.1	3.9	4.5	4.7	4.6	4.5
89.5°	3.1	3.2	3.6	3.9	3.8	3.5

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

Scaled Data Report



(END OF REPORT)