

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: P997166

Luminaire Tested: **SMX4SLSFSD2W-1000LM-2700K**

Issue Date: 3/11/2025



Test Information

Test Method: LM-41-14
Report Number: P997166
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (A2410456A001)
Test Lab:
Issue Date: 3/11/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: HALO
Catalog Number: SMX4SLSFSD2W-1000LM-2700K
Description: 4IN SQAURE, 90CRI, DIMMING TO 10%, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 2700K CCT
Ballast/Driver: -

Summary

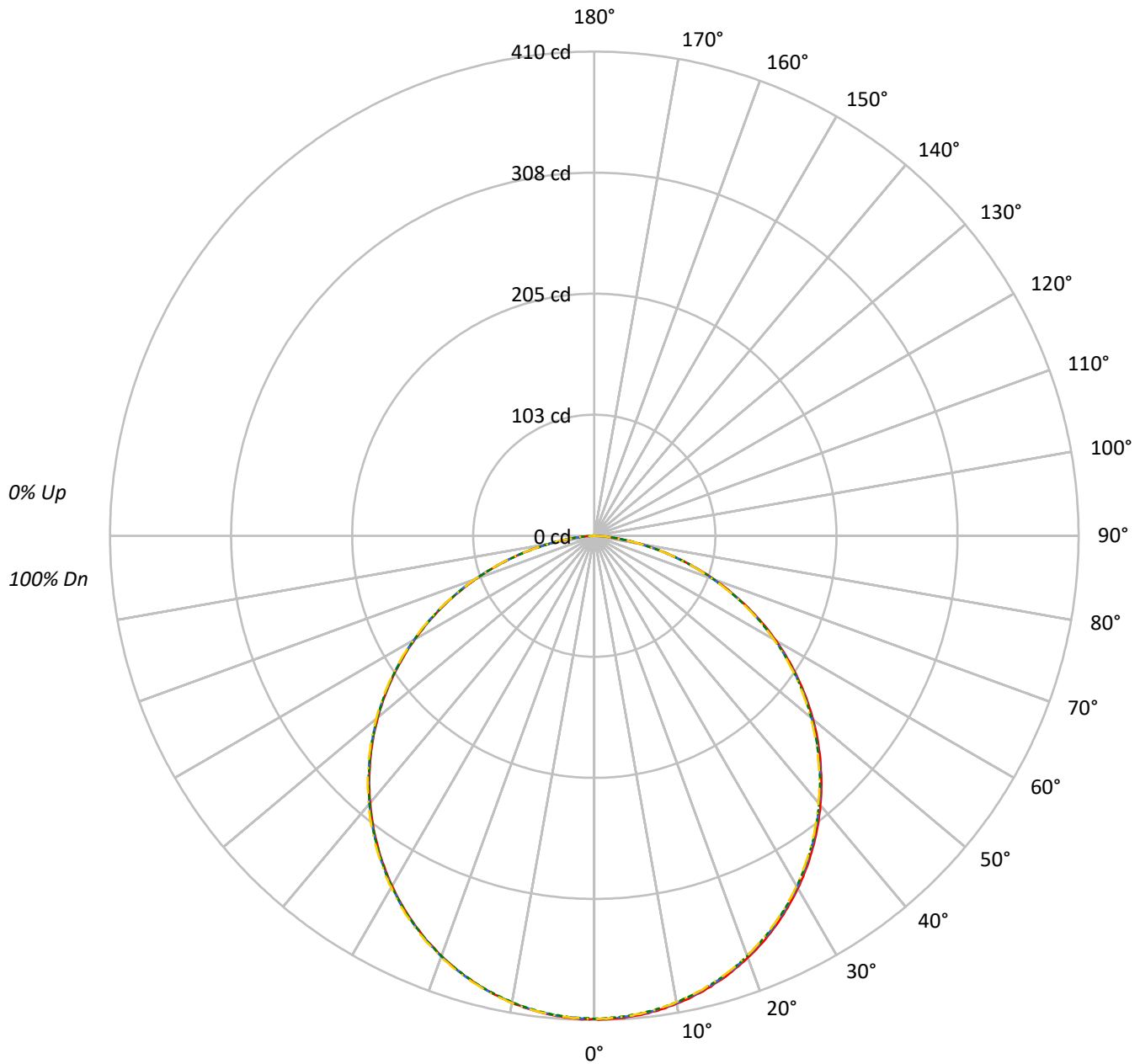
Lumens per Lamp: N/A
Luminaire Lumens: 1144.1 lumens
Efficiency: N/A
Efficacy: 99.5 lumens/watt
Spacing Criteria (0/90/45): 1.25 / 1.25 / 1.37
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
CIE Type: Direct

Input Watts (W): 11.5
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



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	100	96	106	102	98	95	98	95	92	94	91	89	90	88	86	84		
2	99	91	84	78	96	89	83	77	85	80	76	82	78	74	79	76	72	70		
3	90	80	72	65	88	78	71	65	75	69	63	72	67	62	70	65	61	59		
4	83	71	62	55	80	69	61	55	67	60	54	64	58	53	62	57	53	50		
5	76	63	54	48	74	62	54	47	60	52	47	58	51	46	56	50	46	44		
6	70	57	48	41	68	56	47	41	54	47	41	52	46	41	51	45	40	38		
7	65	52	43	37	63	51	42	36	49	42	36	48	41	36	46	40	36	34		
8	61	47	38	33	59	46	38	33	45	38	32	44	37	32	43	36	32	30		
9	57	43	35	29	55	43	35	29	41	34	29	40	34	29	39	33	29	27		
10	53	40	32	27	52	39	32	27	38	31	26	37	31	26	36	30	26	24		

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	40436	40436	40436	40436
5°	40462	40392	40432	40373
10°	40368	40257	40297	40247
15°	40205	40082	40092	40072
20°	39992	39834	39813	39834
25°	39687	39502	39469	39523
30°	39330	39136	39079	39136
35°	38902	38697	38625	38697
40°	38412	38193	38089	38180
45°	37840	37602	37504	37588
50°	37151	36890	36767	36859
55°	36275	36016	35878	35947
60°	35109	34832	34713	34773
65°	33515	33258	33071	33141
70°	31183	30951	30720	30778
75°	27649	27497	27267	27267
80°	22199	22142	21915	21801
85°	14063	13949	14176	13496



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	38.7	3.4
10°-20°	110.6	9.7
20°-30°	167.1	14.6
30°-40°	200.8	17.6
40°-50°	207.6	18.1
50°-60°	186.7	16.3
60°-70°	140.4	12.3
70°-80°	76.1	6.6
80°-90°	16.1	1.4
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°	316.4	27.7
0°-40°	517.2	45.2
0°-60°	911.5	79.7
0°-90°	1144.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1144.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	409	409	409	409	409	
5°	408	407	408	407	408	39
15°	393	392	392	392	393	111
25°	364	362	362	362	364	168
35°	322	321	320	321	322	202
45°	271	269	268	269	271	209
55°	210	209	208	209	210	188
65°	143	142	141	142	143	142
75°	72	72	71	71	72	77
85°	12	12	12	12	12	16
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°	409.1	409.1	409.1	409.1	409.1	409.1	409.1	409.1	409.1	409.1	409.1
0.5°	409.9	409.4	409.2	408.9	408.6	408.8	409.2	409.2	409.5	409.5	409.3
1°	409.5	409.6	408.9	409.0	408.8	408.7	408.9	409.3	409.3	409.5	408.9
1.5°	409.6	409.1	409.2	408.8	408.6	408.6	409.1	408.9	409.6	409.1	408.9
2°	409.4	409.4	408.8	408.8	408.1	408.6	408.7	408.8	409.1	409.2	408.8
2.5°	409.2	408.9	408.6	408.0	408.3	408.2	408.6	408.5	409.2	409.0	408.3
3°	409.2	408.9	408.5	408.5	408.0	408.2	408.2	408.3	408.6	408.9	408.3
3.5°	409.1	408.9	408.1	407.9	407.8	407.7	408.1	408.2	408.6	408.6	408.1
4°	408.4	408.5	408.0	407.6	407.6	407.5	407.6	407.7	408.0	408.1	407.8
4.5°	408.2	408.1	407.7	407.3	406.9	407.2	407.5	407.4	408.0	407.8	407.5
5°	407.8	407.7	407.3	407.0	407.1	407.0	406.8	407.2	407.5	407.4	407.1
5.5°	407.7	407.5	406.9	406.6	406.3	406.3	406.9	406.3	407.0	407.1	406.6
6°	407.1	407.1	406.5	406.3	405.9	406.1	406.0	406.3	406.5	406.7	406.3
6.5°	406.8	406.3	405.9	405.6	405.3	405.4	405.9	405.5	406.2	406.2	405.7
7°	405.9	405.9	405.4	405.0	405.2	405.0	404.9	405.3	405.5	405.6	405.4
7.5°	405.9	405.4	404.8	404.3	404.4	404.2	404.7	404.5	405.0	404.9	404.8
8°	405.0	404.9	404.5	404.0	403.7	404.0	404.0	404.0	404.3	404.6	404.1
8.5°	404.7	404.1	403.5	403.0	403.3	402.7	403.1	403.2	403.8	403.5	403.5
9°	403.6	403.5	403.0	402.8	402.4	402.6	402.5	402.6	402.8	403.5	402.6
9.5°	403.2	402.9	402.2	401.7	401.9	401.7	402.0	401.7	402.4	402.2	402.1
10°	402.2	402.2	401.6	401.1	401.1	400.9	400.8	401.0	401.5	401.5	401.2
10.5°	401.7	401.2	400.8	400.1	400.2	400.1	400.6	400.0	400.8	400.9	400.7
11°	400.7	400.6	399.9	399.7	399.4	399.5	398.9	399.5	399.7	399.8	399.5
11.5°	400.2	399.6	399.1	398.7	398.6	398.4	398.6	398.5	399.1	399.2	399.0
12°	399.1	398.7	397.9	397.7	397.7	397.6	397.6	397.6	397.9	397.9	397.7
12.5°	398.0	397.9	397.4	396.8	396.6	396.6	396.6	396.6	397.2	397.2	397.0
13°	397.3	396.8	396.4	395.7	395.9	395.7	395.7	395.6	396.0	396.1	396.1
13.5°	396.4	395.8	395.3	394.6	394.9	394.5	394.9	394.6	395.1	395.3	395.2
14°	395.0	394.9	394.2	393.9	393.9	393.7	393.4	393.6	394.0	394.2	394.0
14.5°	394.5	393.7	393.4	392.4	392.7	392.4	392.8	392.4	392.8	392.9	392.8
15°	392.9	392.9	392.2	391.6	391.7	391.5	391.3	391.4	391.8	392.1	392.0
15.5°	391.8	391.4	390.9	390.2	390.2	390.2	390.4	390.3	390.5	390.6	390.7
16°	390.8	390.7	389.9	389.4	389.5	389.3	388.9	388.9	389.2	389.7	389.6
16.5°	389.7	389.1	388.5	387.9	387.8	387.7	387.8	387.7	388.3	388.5	388.3
17°	388.3	388.1	387.4	386.9	387.0	386.7	386.8	386.5	386.8	387.0	387.0
17.5°	387.0	386.8	386.1	385.2	385.6	385.2	385.4	384.9	385.6	385.8	385.8
18°	385.5	385.5	384.9	384.3	384.3	383.9	384.0	384.0	384.2	384.4	384.4
18.5°	384.5	383.9	383.2	382.5	382.8	382.6	382.8	382.3	382.8	383.2	383.0
19°	382.9	382.9	382.0	381.4	381.4	381.3	381.0	381.4	381.6	381.8	381.8
19.5°	381.6	381.0	380.5	379.8	380.1	379.9	380.0	379.5	379.9	380.1	380.5
20°	380.2	380.0	379.1	378.7	378.7	378.4	378.3	378.2	378.5	378.9	379.0
20.5°	378.8	378.3	377.5	377.0	376.9	376.8	376.7	376.6	377.1	377.5	377.5
21°	377.4	376.9	376.1	375.4	375.5	375.4	375.3	375.1	375.4	375.8	375.9

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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°	372.7	372.0	371.4	370.7	370.7	370.6	370.3	370.2	370.8	371.0	371.0
23°	371.0	370.4	369.9	369.0	369.3	369.0	368.6	368.6	369.1	369.4	369.7
23.5°	369.2	368.7	368.1	367.4	367.4	367.1	367.1	367.0	367.3	367.7	367.7
24°	367.6	367.1	366.4	365.7	365.9	365.5	365.3	365.1	365.4	365.9	366.1
24.5°	365.8	365.4	364.7	363.6	364.0	363.4	363.6	363.6	364.0	364.1	364.5
25°	363.9	363.5	362.8	362.3	362.2	361.9	361.7	361.7	361.9	362.3	362.6
25.5°	362.4	361.6	361.1	360.0	360.3	359.9	360.2	359.9	360.1	360.6	360.7
26°	360.2	360.0	359.3	358.6	358.8	358.1	358.0	358.1	358.3	358.6	359.1
26.5°	358.7	358.2	357.4	356.4	356.6	356.4	356.4	356.2	356.4	356.7	357.1
27°	356.5	356.3	355.4	354.6	354.8	354.6	354.3	354.2	354.6	355.0	355.0
27.5°	354.8	354.1	353.4	352.9	352.8	352.3	352.6	352.2	352.6	352.9	353.4
28°	352.6	352.3	351.5	350.6	351.0	350.8	350.2	350.1	350.6	350.9	351.3
28.5°	350.8	350.3	349.4	348.8	348.9	348.4	348.6	348.3	348.6	348.9	349.3
29°	348.8	348.4	347.6	346.7	346.8	346.5	346.4	346.4	346.6	346.9	347.1
29.5°	346.9	346.2	345.5	344.7	344.9	344.5	344.4	344.3	344.5	344.9	345.5
30°	344.6	344.1	343.5	342.5	342.9	342.6	342.4	342.2	342.4	342.9	343.1
30.5°	342.8	342.1	341.3	340.5	340.7	340.1	340.4	339.8	340.3	340.7	341.0
31°	340.3	340.0	339.2	338.4	338.7	338.3	338.1	337.8	338.3	338.7	338.8
31.5°	338.6	337.8	337.1	336.2	336.4	336.0	336.0	335.8	335.9	336.4	336.8
32°	336.0	335.6	334.8	334.0	334.3	333.7	333.5	333.5	333.9	334.5	334.7
32.5°	334.0	333.5	332.6	331.8	331.9	331.6	331.6	331.4	331.5	332.0	332.4
33°	331.8	331.1	330.5	329.5	329.9	329.4	329.2	328.9	329.4	329.8	330.2
33.5°	329.6	329.0	328.2	327.2	327.6	327.1	327.0	326.8	327.1	327.5	327.8
34°	327.2	326.7	325.7	324.8	325.4	324.7	324.7	324.5	324.7	325.1	325.6
34.5°	325.0	324.3	323.7	322.6	322.7	322.5	322.3	322.2	322.4	323.0	323.3
35°	322.4	322.2	321.1	320.4	320.7	320.1	320.1	319.9	320.1	320.6	320.8
35.5°	320.4	319.7	318.9	317.8	318.3	317.6	317.7	317.4	317.7	317.9	318.8
36°	317.7	317.4	316.4	315.6	316.1	315.6	315.3	315.1	315.4	316.0	316.0
36.5°	315.5	314.9	314.0	313.0	313.4	312.9	313.0	312.6	312.9	313.3	313.9
37°	312.9	312.6	311.6	310.7	311.3	310.6	310.4	310.2	310.6	311.1	311.3
37.5°	310.5	309.8	309.1	308.2	308.4	308.0	307.9	307.7	307.9	308.3	308.9
38°	308.0	307.7	306.6	305.8	306.3	305.8	305.6	305.2	305.6	306.1	306.5
38.5°	305.6	305.0	304.1	303.2	303.6	303.1	302.7	302.7	302.9	303.3	303.8
39°	302.8	302.6	301.5	300.8	301.2	300.6	300.4	300.4	300.4	301.0	301.6
39.5°	300.7	299.8	299.1	298.2	298.5	297.9	297.9	297.6	297.9	298.3	298.8
40°	297.7	297.5	296.3	295.5	296.0	295.5	295.1	295.0	295.2	295.8	296.3
40.5°	295.3	294.6	293.9	292.9	293.2	292.8	292.5	292.3	292.8	293.1	293.6
41°	292.7	292.2	291.1	290.4	290.8	290.1	290.1	289.9	290.0	290.5	291.0
41.5°	290.0	289.3	288.5	287.4	288.0	287.4	287.2	287.1	287.3	287.8	288.4
42°	287.3	287.1	285.9	285.1	285.5	284.9	284.8	284.5	284.7	285.1	285.8
42.5°	284.7	284.1	283.1	282.1	282.8	282.0	281.9	281.7	282.1	282.4	282.9
43°	281.7	281.4	280.6	279.6	280.0	279.6	279.3	279.1	279.4	279.8	280.5
43.5°	279.3	278.7	277.6	276.6	277.3	276.8	276.5	276.3	276.4	277.0	277.6

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	270.7	270.5	269.3	268.3	269.0	268.4	268.0	268.0	268.3	268.7	269.1
45.5°	268.1	267.3	266.5	265.6	266.1	265.4	265.2	265.3	265.2	266.0	266.4
46°	265.2	264.9	263.7	262.9	263.5	262.6	262.5	262.3	262.7	263.0	263.6
46.5°	262.3	261.7	260.8	259.7	260.4	259.9	259.5	259.4	259.7	260.3	260.7
47°	259.4	259.0	257.8	257.0	257.7	256.9	256.8	256.6	256.8	257.1	257.8
47.5°	256.6	255.9	255.2	254.0	254.8	254.0	253.6	253.7	253.8	254.3	254.8
48°	253.6	253.0	252.0	251.1	251.8	251.2	250.9	250.7	251.1	251.5	252.0
48.5°	250.7	250.1	249.2	248.2	248.8	248.1	247.9	247.9	248.0	248.4	249.0
49°	247.7	247.2	246.4	245.3	246.1	245.3	245.0	244.7	245.0	245.6	246.1
49.5°	244.7	244.2	243.1	242.3	242.8	242.2	242.1	242.0	242.0	242.5	243.0
50°	241.6	241.0	240.3	239.2	239.9	239.4	239.1	238.8	239.1	239.5	240.1
50.5°	238.7	238.2	237.2	236.1	236.7	236.1	235.9	235.9	236.0	236.5	237.1
51°	235.5	235.1	234.3	233.2	233.9	233.2	233.0	232.8	233.2	233.3	233.9
51.5°	232.6	232.0	230.9	229.9	230.6	230.2	229.8	229.9	229.9	230.5	231.1
52°	229.5	229.0	228.2	227.1	228.0	227.1	226.9	226.7	227.0	227.3	228.0
52.5°	226.4	225.8	224.8	223.8	224.4	224.1	223.5	223.7	223.7	224.4	224.9
53°	223.2	222.7	221.8	220.8	221.6	221.0	220.8	220.6	220.7	221.1	221.8
53.5°	220.1	219.6	218.6	217.5	218.4	217.8	217.3	217.4	217.5	218.0	218.5
54°	216.9	216.4	215.6	214.6	215.3	214.6	214.6	214.3	214.5	214.9	215.5
54.5°	213.7	213.2	212.2	211.0	212.0	211.4	211.1	211.1	211.1	211.6	212.3
55°	210.5	210.0	209.2	208.4	209.0	208.3	208.1	207.9	208.2	208.7	209.1
55.5°	207.4	206.8	205.9	204.8	205.6	205.1	204.9	204.6	204.8	205.5	205.9
56°	204.0	203.7	202.6	201.9	202.6	201.9	201.6	201.7	201.9	202.0	202.6
56.5°	200.9	200.4	199.4	198.4	199.2	198.8	198.3	198.2	198.4	199.0	199.6
57°	197.5	197.2	196.1	195.3	196.1	195.3	195.2	195.1	195.1	195.6	196.3
57.5°	194.2	193.8	192.9	191.9	192.8	192.2	191.8	191.7	191.9	192.5	193.0
58°	191.1	190.6	189.6	188.8	189.5	188.9	188.7	188.5	188.6	189.0	189.7
58.5°	187.6	187.2	186.3	185.3	186.1	185.6	185.3	185.3	185.4	185.8	186.5
59°	184.3	183.9	183.0	182.1	183.0	182.3	182.1	182.0	182.1	182.5	183.1
59.5°	181.0	180.5	179.6	178.7	179.5	179.0	178.6	178.6	178.5	179.2	179.8
60°	177.6	177.1	176.2	175.4	176.2	175.5	175.4	175.2	175.6	175.8	176.3
60.5°	174.2	173.8	172.9	171.9	172.9	172.3	172.0	171.9	172.0	172.5	173.1
61°	170.9	170.4	169.5	168.5	169.5	168.9	168.7	168.6	168.7	169.1	169.7
61.5°	167.5	167.1	166.1	165.1	166.0	165.7	165.3	165.2	165.3	165.8	166.4
62°	164.1	163.5	162.7	161.8	162.7	162.1	162.0	161.9	162.1	162.3	162.8
62.5°	160.6	160.1	159.2	158.4	159.3	158.8	158.5	158.3	158.4	159.0	159.6
63°	157.1	156.7	155.8	155.0	155.9	155.2	155.2	155.1	155.2	155.5	156.1
63.5°	153.7	153.3	152.4	151.4	152.3	151.9	151.6	151.4	151.5	152.1	152.7
64°	150.2	149.7	148.9	148.0	149.1	148.4	148.3	148.2	148.3	148.6	149.2
64.5°	146.7	146.3	145.4	144.5	145.5	144.9	144.8	144.5	144.8	145.2	145.9
65°	143.3	142.8	142.0	141.1	142.2	141.6	141.3	141.3	141.4	141.7	142.2
65.5°	139.7	139.4	138.4	137.7	138.6	138.1	137.8	137.7	137.8	138.4	138.9
66°	136.2	135.7	134.8	134.1	135.2	134.6	134.4	134.3	134.4	134.8	135.4

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997166

CATALOG NUMBER: SMX4SLSFSD2W-1000LM-2700K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	125.7	125.2	124.3	123.6	124.7	124.2	123.9	123.7	123.9	124.3	124.9
68°	122.1	121.7	120.8	120.2	121.1	120.5	120.5	120.3	120.5	120.8	121.3
68.5°	118.5	118.1	117.4	116.4	117.6	117.1	116.9	116.8	116.8	117.3	117.9
69°	115.0	114.6	113.7	113.1	114.0	113.6	113.5	113.3	113.3	113.7	114.3
69.5°	111.3	111.0	110.2	109.4	110.6	110.1	109.9	109.7	109.8	110.4	110.8
70°	107.9	107.4	106.5	106.0	107.1	106.6	106.3	106.2	106.3	106.6	107.2
70.5°	104.3	104.0	103.2	102.3	103.5	103.0	102.8	102.6	102.8	103.2	103.8
71°	100.7	100.3	99.6	98.9	100.0	99.5	99.4	99.4	99.3	99.7	100.2
71.5°	97.2	96.9	96.0	95.3	96.5	96.0	95.9	95.6	95.8	96.2	96.7
72°	93.6	93.3	92.5	91.9	93.0	92.5	92.5	92.4	92.4	92.7	93.2
72.5°	90.1	89.7	88.9	88.1	89.5	89.0	89.0	88.9	88.9	89.2	89.7
73°	86.6	86.1	85.4	84.8	85.9	85.6	85.5	85.4	85.4	85.7	86.1
73.5°	82.9	82.7	81.9	81.2	82.4	82.1	82.0	81.9	81.9	82.2	82.6
74°	79.5	79.1	78.4	77.8	78.9	78.6	78.5	78.3	78.4	78.7	79.0
74.5°	75.9	75.7	75.0	74.2	75.5	75.1	75.0	74.8	74.8	75.3	75.8
75°	72.4	72.1	71.5	70.9	72.0	71.7	71.6	71.3	71.4	71.7	72.2
75.5°	69.0	68.7	68.0	67.3	68.6	68.1	68.0	67.9	67.9	68.4	69.0
76°	65.5	65.2	64.5	63.9	65.1	64.7	64.7	64.5	64.5	64.9	65.4
76.5°	62.1	61.8	61.1	60.5	61.6	61.3	61.3	61.0	61.1	61.5	62.0
77°	58.6	58.3	57.8	57.2	58.4	58.0	57.9	57.8	57.8	58.1	58.5
77.5°	55.4	55.0	54.5	53.8	55.0	54.7	54.5	54.4	54.5	54.9	55.3
78°	52.0	51.7	51.1	50.6	51.7	51.3	51.3	51.2	51.2	51.5	52.0
78.5°	48.7	48.5	47.8	47.3	48.4	48.1	48.0	47.8	47.9	48.3	48.7
79°	45.5	45.1	44.6	44.1	45.2	44.9	44.8	44.7	44.7	45.0	45.5
79.5°	42.2	42.0	41.5	40.9	42.0	41.7	41.6	41.5	41.5	42.0	42.3
80°	39.0	38.8	38.3	37.8	38.9	38.6	38.6	38.5	38.5	38.8	39.1
80.5°	36.1	35.9	35.5	35.0	35.8	35.5	35.5	35.4	35.4	35.7	36.2
81°	33.2	33.0	32.6	32.1	32.9	32.6	32.5	32.4	32.5	32.7	33.1
81.5°	30.3	30.1	29.7	29.3	30.0	29.7	29.6	29.4	29.6	29.8	30.2
82°	27.5	27.2	26.8	26.4	27.1	26.9	26.8	26.7	26.7	27.0	27.3
82.5°	24.6	24.3	24.0	23.5	24.4	24.2	24.0	23.9	24.0	24.3	24.7
83°	21.9	21.7	21.3	20.9	21.7	21.5	21.4	21.3	21.4	21.6	21.9
83.5°	19.3	19.2	18.8	18.4	19.1	18.9	18.9	18.8	18.9	19.1	19.4
84°	16.9	16.7	16.4	16.0	16.8	16.6	16.5	16.5	16.5	16.7	17.0
84.5°	14.6	14.4	14.1	13.8	14.5	14.3	14.2	14.2	14.2	14.4	14.7
85°	12.4	12.3	11.9	11.7	12.3	12.6	12.4	12.4	12.5	12.3	12.5
85.5°	10.4	10.3	10.0	9.7	10.7	10.9	10.6	10.5	10.8	10.7	10.9
86°	8.6	8.4	8.2	7.9	9.0	9.1	8.8	8.7	9.1	9.0	9.2
86.5°	6.9	6.8	6.6	6.3	7.4	7.4	7.0	6.9	7.4	7.4	7.6
87°	5.4	5.3	5.1	4.9	5.7	5.7	5.2	5.2	5.7	5.8	5.9
87.5°	4.1	4.0	3.9	3.7	4.1	4.0	4.0	4.0	4.0	4.2	4.3
88°	3.2	3.2	3.1	3.0	3.0	2.9	3.0	3.0	3.0	3.1	3.2
88.5°	2.4	2.4	2.3	2.3	2.2	2.1	2.2	2.2	2.2	2.3	2.4

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

Scaled Data Report



TEST NUMBER: P997166
CATALOG NUMBER: SMX4SLSFSD2W-1000LM-2700K

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: P997166

CATALOG NUMBER: SMX4SLSFSD2W-1000LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	409.1	409.1	409.1	409.1	409.1	409.1
0.5°	408.9	408.5	408.7	409.1	409.2	409.9
1°	409.0	408.6	409.0	409.1	409.2	409.5
1.5°	408.8	408.4	408.5	409.1	409.2	409.6
2°	408.7	408.4	408.6	408.5	409.3	409.4
2.5°	408.5	408.1	408.3	408.9	408.9	409.2
3°	408.5	408.2	408.4	408.2	408.9	409.2
3.5°	408.1	407.5	407.8	408.3	408.3	409.1
4°	407.9	407.6	407.9	407.9	408.3	408.4
4.5°	407.3	406.9	407.2	407.7	408.0	408.2
5°	407.3	406.9	407.2	407.2	407.8	407.8
5.5°	406.7	406.4	406.2	407.0	407.0	407.7
6°	406.3	405.8	406.3	406.3	406.9	407.1
6.5°	405.9	405.6	405.7	406.1	406.3	406.8
7°	405.4	404.9	405.2	405.5	405.9	405.9
7.5°	404.6	404.2	404.7	405.0	405.2	405.9
8°	404.4	403.9	404.3	404.2	404.8	405.0
8.5°	403.6	403.2	403.3	404.2	403.9	404.7
9°	403.0	402.5	402.9	402.9	403.9	403.6
9.5°	402.1	401.7	401.9	402.5	402.6	403.2
10°	401.7	401.0	401.6	401.6	402.1	402.2
10.5°	400.8	400.0	400.3	401.1	401.3	401.7
11°	399.8	399.7	399.9	399.9	400.3	400.7
11.5°	399.2	398.3	398.9	399.3	399.8	400.2
12°	398.3	397.6	398.1	398.2	398.5	399.1
12.5°	397.3	396.6	396.9	397.7	397.9	398.0
13°	396.3	395.9	396.3	396.7	396.9	397.3
13.5°	395.4	394.7	395.0	395.5	396.0	396.4
14°	394.4	393.9	394.2	394.6	395.1	395.0
14.5°	393.3	392.6	392.9	393.4	393.8	394.5
15°	392.4	391.6	391.9	392.2	392.9	392.9
15.5°	391.0	390.5	390.7	391.4	391.7	391.8
16°	389.8	389.1	389.6	389.8	390.7	390.8
16.5°	388.5	388.2	388.3	389.2	389.2	389.7
17°	387.4	386.8	387.3	387.5	388.2	388.3
17.5°	386.2	385.5	385.7	386.4	386.8	387.0
18°	384.5	384.1	384.7	385.2	385.4	385.5
18.5°	383.6	383.0	383.3	383.8	384.3	384.5
19°	381.9	381.7	382.0	382.2	382.9	382.9
19.5°	380.7	380.0	380.4	381.1	381.6	381.6
20°	379.2	378.7	379.3	379.5	380.0	380.2
20.5°	377.5	377.1	377.2	378.3	378.6	378.8
21°	376.3	375.6	376.3	376.4	377.0	377.4

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997166

CATALOG NUMBER: SMX4SLSFSD2W-1000LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	371.6	370.7	371.1	372.2	372.3	372.7
23°	369.7	369.3	370.0	370.1	370.9	371.0
23.5°	368.3	367.6	368.0	368.8	369.1	369.2
24°	366.5	365.9	366.3	367.0	367.5	367.6
24.5°	364.8	363.9	364.6	365.4	365.6	365.8
25°	363.0	362.4	362.8	363.4	364.0	363.9
25.5°	361.1	360.3	361.0	361.8	362.0	362.4
26°	359.3	358.8	359.4	359.7	360.4	360.2
26.5°	357.4	356.6	357.2	358.1	358.4	358.7
27°	355.6	354.9	355.4	356.0	356.6	356.5
27.5°	353.6	352.8	353.5	354.2	354.6	354.8
28°	351.6	351.0	351.5	352.1	352.6	352.6
28.5°	349.6	349.1	349.4	350.3	350.7	350.8
29°	347.8	347.0	347.6	348.2	349.0	348.8
29.5°	345.5	345.1	345.5	346.3	346.6	346.9
30°	343.6	342.9	343.5	343.9	344.9	344.6
30.5°	341.3	340.8	341.3	342.3	342.2	342.8
31°	339.6	338.8	339.3	339.8	340.9	340.3
31.5°	336.9	336.6	337.1	338.1	338.0	338.6
32°	335.3	334.2	335.1	335.6	336.0	336.0
32.5°	332.6	332.3	332.8	333.4	333.9	334.0
33°	330.8	329.9	330.5	331.2	331.8	331.8
33.5°	328.0	327.5	328.3	328.9	329.6	329.6
34°	326.3	325.5	326.1	326.6	327.2	327.2
34.5°	323.5	322.9	323.6	324.2	325.0	325.0
35°	321.5	320.7	321.4	322.0	322.6	322.4
35.5°	319.0	318.3	319.0	319.8	320.3	320.4
36°	316.8	316.0	316.5	317.2	317.9	317.7
36.5°	314.3	313.4	314.2	315.0	315.4	315.5
37°	311.9	311.1	311.8	312.4	313.0	312.9
37.5°	309.4	308.6	309.2	310.2	310.4	310.5
38°	307.0	306.3	306.9	307.4	308.2	308.0
38.5°	304.4	303.7	304.3	305.1	305.5	305.6
39°	302.1	300.9	301.8	302.5	303.2	302.8
39.5°	299.2	298.5	299.3	299.8	300.5	300.7
40°	296.9	295.9	296.6	297.4	298.0	297.7
40.5°	294.0	293.4	294.0	294.8	295.1	295.3
41°	291.7	290.7	291.5	292.0	292.7	292.7
41.5°	289.0	288.1	288.8	289.4	289.9	290.0
42°	286.3	285.4	286.1	286.8	287.4	287.3
42.5°	283.4	282.7	283.5	284.1	284.5	284.7
43°	281.0	280.2	280.9	281.4	282.1	281.7
43.5°	278.1	277.3	278.0	278.7	279.2	279.3

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997166

CATALOG NUMBER: SMX4SLSFSD2W-1000LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	269.9	268.9	269.6	270.4	270.9	270.7
45.5°	266.9	266.2	266.8	267.4	268.0	268.1
46°	264.1	263.4	263.9	264.7	265.3	265.2
46.5°	261.2	260.3	261.1	261.6	262.4	262.3
47°	258.6	257.6	258.1	259.0	259.4	259.4
47.5°	255.4	254.7	255.4	256.0	256.5	256.6
48°	252.7	251.6	252.5	253.1	253.6	253.6
48.5°	249.5	248.7	249.3	250.2	250.7	250.7
49°	246.8	245.8	246.5	247.2	247.7	247.7
49.5°	243.5	242.9	243.5	244.1	244.6	244.7
50°	241.0	239.7	240.6	241.1	241.8	241.6
50.5°	237.7	236.9	237.4	238.0	238.6	238.7
51°	234.6	233.6	234.4	235.1	235.5	235.5
51.5°	231.6	230.6	231.5	231.9	232.5	232.6
52°	228.6	227.6	228.3	229.0	229.5	229.5
52.5°	225.5	224.6	225.2	225.8	226.4	226.4
53°	222.3	221.2	222.2	222.7	223.2	223.2
53.5°	219.3	218.2	218.9	219.5	220.2	220.1
54°	216.0	215.1	215.7	216.5	216.8	216.9
54.5°	212.9	211.9	212.7	213.2	213.9	213.7
55°	209.8	208.6	209.4	210.1	210.5	210.5
55.5°	206.6	205.7	206.3	206.8	207.2	207.4
56°	203.3	202.3	202.9	203.6	204.2	204.0
56.5°	200.1	199.1	199.8	200.3	200.8	200.9
57°	196.9	195.8	196.5	197.1	197.7	197.5
57.5°	193.6	192.6	193.1	193.8	194.1	194.2
58°	190.3	189.1	189.8	190.5	191.1	191.1
58.5°	187.1	186.0	186.6	187.2	187.7	187.6
59°	183.8	182.6	183.2	183.9	184.3	184.3
59.5°	180.3	179.3	180.0	180.5	181.1	181.0
60°	177.1	175.9	176.6	177.2	177.7	177.6
60.5°	173.7	172.7	173.2	173.7	174.3	174.2
61°	170.3	169.1	169.7	170.4	170.7	170.9
61.5°	166.8	165.8	166.6	167.0	167.5	167.5
62°	163.6	162.3	163.0	163.6	164.1	164.1
62.5°	160.1	159.0	159.7	160.1	160.6	160.6
63°	156.8	155.6	156.1	156.8	157.2	157.1
63.5°	153.2	152.1	152.8	153.2	153.7	153.7
64°	149.8	148.6	149.2	149.8	150.2	150.2
64.5°	146.3	145.2	145.9	146.3	146.8	146.7
65°	143.0	141.7	142.2	142.8	143.4	143.3
65.5°	139.5	138.3	138.9	139.3	139.8	139.7
66°	136.0	134.7	135.3	135.7	136.2	136.2

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997166

CATALOG NUMBER: SMX4SLSFSD2W-1000LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	125.5	124.2	124.9	125.3	125.7	125.7
68°	121.9	120.7	121.3	121.7	122.1	122.1
68.5°	118.4	117.1	117.7	118.1	118.6	118.5
69°	114.9	113.5	114.2	114.5	114.9	115.0
69.5°	111.3	110.1	110.6	111.1	111.4	111.3
70°	107.8	106.5	107.1	107.5	107.8	107.9
70.5°	104.3	103.0	103.6	103.9	104.4	104.3
71°	100.9	99.5	100.0	100.3	100.7	100.7
71.5°	97.2	95.9	96.5	96.8	97.2	97.2
72°	93.8	92.4	92.9	93.4	93.5	93.6
72.5°	90.3	88.9	89.4	89.6	90.2	90.1
73°	86.8	85.3	85.8	86.2	86.5	86.6
73.5°	83.3	81.8	82.3	82.6	83.0	82.9
74°	79.8	78.3	78.8	79.2	79.4	79.5
74.5°	76.3	74.8	75.3	75.7	76.0	75.9
75°	72.8	71.4	71.8	72.1	72.5	72.4
75.5°	69.3	67.9	68.4	68.7	69.0	69.0
76°	65.9	64.4	64.9	65.2	65.5	65.5
76.5°	62.3	61.0	61.5	61.8	62.1	62.1
77°	59.0	57.7	58.1	58.5	58.7	58.6
77.5°	55.7	54.4	54.8	55.0	55.4	55.4
78°	52.4	51.1	51.5	51.7	52.1	52.0
78.5°	49.1	47.8	48.3	48.4	48.7	48.7
79°	45.9	44.6	45.0	45.2	45.5	45.5
79.5°	42.6	41.4	41.7	42.0	42.3	42.2
80°	39.5	38.3	38.6	38.8	39.1	39.0
80.5°	36.5	35.4	35.7	35.9	36.2	36.1
81°	33.5	32.6	32.8	33.0	33.3	33.2
81.5°	30.5	29.7	30.0	30.1	30.4	30.3
82°	27.6	26.8	27.1	27.2	27.5	27.5
82.5°	24.9	23.9	24.2	24.3	24.7	24.6
83°	22.2	21.2	21.5	21.7	21.9	21.9
83.5°	19.7	18.7	19.0	19.1	19.3	19.3
84°	17.2	16.3	16.6	16.7	16.9	16.9
84.5°	14.9	14.1	14.3	14.4	14.6	14.6
85°	12.7	11.9	12.1	12.2	12.4	12.4
85.5°	11.0	10.0	10.1	10.2	10.4	10.4
86°	9.4	8.1	8.3	8.4	8.5	8.6
86.5°	7.7	6.5	6.6	6.7	6.9	6.9
87°	6.0	5.1	5.2	5.3	5.4	5.4
87.5°	4.3	3.9	4.0	4.0	4.1	4.1
88°	3.2	3.1	3.2	3.2	3.3	3.2
88.5°	2.3	2.3	2.4	2.4	2.5	2.4

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Scaled Data Report



TEST NUMBER: P997166
CATALOG NUMBER: SMX4SLSFSD2W-1000LM-2700K

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°	375.8	375.3	374.3	373.8	373.9	373.6	373.7	373.5	373.8	374.3	374.5
22°	374.1	373.8	373.1	372.3	372.8	372.1	372.1	372.0	372.3	372.8	372.9



44°	276.1	276.2	275.0	274.1	274.6	274.1	273.6	273.7	273.8	274.2	274.6
44.5°	273.6	273.0	272.2	271.2	271.7	271.0	271.0	270.6	271.0	271.5	272.1



66.5°	132.7	132.4	131.4	130.6	131.6	131.2	130.8	130.7	130.8	131.2	131.9
67°	129.1	128.8	127.9	127.1	128.1	127.6	127.5	127.3	127.4	127.9	128.3

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89°	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.6	1.7	1.7
89.5°	0.8	0.8	0.8	1.0	1.0	1.0	1.0	1.0	1.1	1.2	1.1

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21.5°	374.6	373.7	374.3	375.0	375.5	375.8
22°	373.1	372.7	373.2	373.3	374.1	374.1

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44°	275.6	274.3	275.1	275.8	276.5	276.1
44.5°	272.5	271.7	272.4	273.0	273.7	273.6

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66.5°	132.4	131.3	132.0	132.2	132.7	132.7
67°	128.9	127.6	128.2	128.7	129.1	129.1

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89°	1.6	1.6	1.6	1.6	1.7	1.6
89.5°	1.0	0.8	0.8	0.8	0.8	0.8

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(END OF REPORT)