

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: P997198

Luminaire Tested: **SMX6SLSFS010-1200LM-3500K**

Issue Date: 3/11/2025



Test Information

Test Method: LM-41-14
Report Number: P997198
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (A2411487A001)
Test Lab:
Issue Date: 3/11/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: HALO
Catalog Number: SMX6SLSFS010-1200LM-3500K
Description: 6IN SQAURE, 90CRI, 0-10V DIMMING, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 3500K CCT
Ballast/Driver: -

Summary

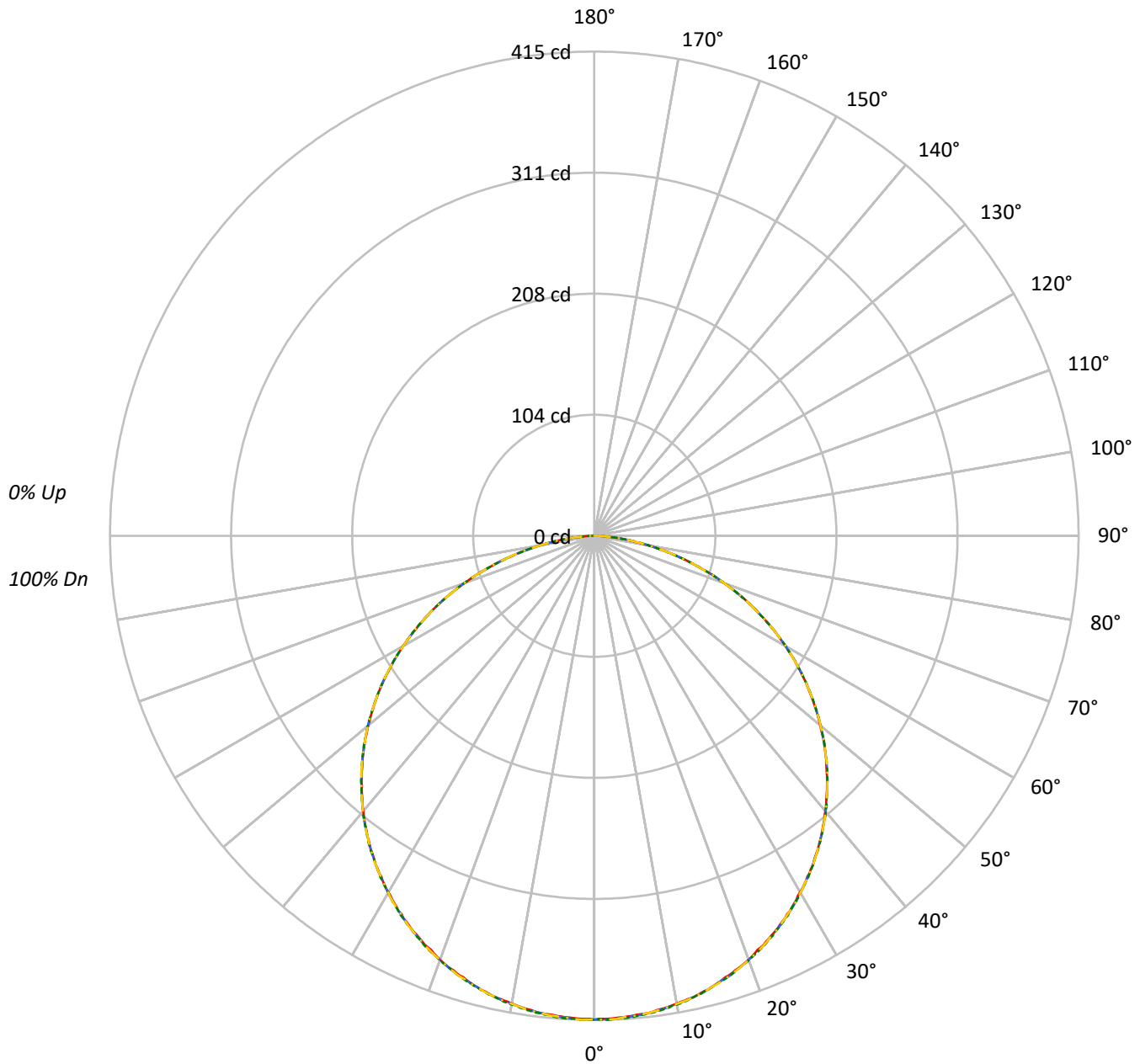
Lumens per Lamp: N/A
Luminaire Lumens: 1208.0 lumens
Efficiency: N/A
Efficacy: 97.4 lumens/watt
Spacing Criteria (0/90/45): 1.27 / 1.27 / 1.39
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 12.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Luminous Intensity Polar Plot



Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	109	104	99	96	106	102	98	94	97	94	91	93	91	88	90	88	86	84		
2	99	90	83	78	96	88	82	77	85	79	75	82	77	73	79	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	50		
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°	17859	17859	17859	17859
5°	17815	17867	17815	17867
10°	17798	17833	17798	17833
15°	17776	17794	17776	17794
20°	17718	17746	17718	17746
25°	17644	17663	17644	17663
30°	17540	17560	17540	17560
35°	17445	17466	17445	17466
40°	17317	17334	17317	17334
45°	17134	17177	17134	17177
50°	16940	16973	16940	16973
55°	16679	16710	16679	16710
60°	16292	16309	16292	16309
65°	15730	15781	15730	15781
70°	14892	14918	14892	14918
75°	13575	13624	13575	13624
80°	11579	11654	11579	11654
85°	8497	8596	8497	8596



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	39.3	3.2
10°-20°	112.7	9.3
20°-30°	171.3	14.2
30°-40°	207.9	17.2
40°-50°	217.5	18.0
50°-60°	198.6	16.4
60°-70°	152.8	12.6
70°-80°	86.5	7.2
80°-90°	21.5	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°	323.3	26.8
0°-40°	531.1	44.0
0°-60°	947.2	78.4
0°-90°	1208.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1208.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	415	415	415	415	415	
5°	412	413	412	413	412	39
15°	399	399	399	399	399	113
25°	371	372	371	372	371	171
35°	332	332	332	332	332	208
45°	281	282	281	282	281	217
55°	222	223	222	223	222	198
65°	154	155	154	155	154	153
75°	82	82	82	82	82	86
85°	17	17	17	17	17	21
90°	0	0	0	0	0	

Cooper Lighting Solutions Photometric Lab

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	414.8	414.8	414.8	414.8	414.8	414.8	414.8	414.8	414.8	414.8	414.8
0.5°	414.1	415.1	414.8	415.0	414.8	415.0	414.8	415.1	414.1	415.1	414.8
1°	414.1	415.1	414.9	414.8	414.9	414.8	414.9	415.1	414.1	415.1	414.9
1.5°	414.1	414.7	415.0	414.7	415.0	414.7	415.0	414.7	414.1	414.7	415.0
2°	414.0	414.6	414.7	414.4	414.9	414.4	414.7	414.6	414.0	414.6	414.7
2.5°	413.8	414.6	414.6	414.4	414.2	414.4	414.6	414.6	413.8	414.6	414.6
3°	413.4	414.5	414.1	414.4	414.2	414.4	414.1	414.5	413.4	414.5	414.1
3.5°	413.5	414.2	413.5	414.2	414.3	414.2	413.5	414.2	413.5	414.2	413.5
4°	413.0	413.8	413.4	413.7	414.1	413.7	413.4	413.8	413.0	413.8	413.4
4.5°	412.7	413.4	413.3	413.4	413.9	413.4	413.3	413.4	412.7	413.4	413.3
5°	412.2	413.4	412.9	413.1	413.4	413.1	412.9	413.4	412.2	413.4	412.9
5.5°	412.0	413.0	412.7	412.9	412.7	412.9	412.7	413.0	412.0	413.0	412.7
6°	411.9	412.6	412.0	412.3	412.6	412.3	412.0	412.6	411.9	412.6	412.0
6.5°	411.5	412.1	411.7	411.8	411.8	411.8	411.7	412.1	411.5	412.1	411.7
7°	411.0	411.5	411.0	411.2	411.8	411.2	411.0	411.5	411.0	411.5	411.0
7.5°	410.2	411.1	410.7	410.8	411.0	410.8	410.7	411.1	410.2	411.1	410.7
8°	409.8	410.4	410.1	409.9	410.6	409.9	410.1	410.4	409.8	410.4	410.1
8.5°	409.3	410.0	409.5	409.7	409.9	409.7	409.5	410.0	409.3	410.0	409.5
9°	408.6	409.5	408.7	409.3	409.3	409.3	408.7	409.5	408.6	409.5	408.7
9.5°	407.8	408.5	408.0	408.3	408.1	408.3	408.0	408.5	407.8	408.5	408.0
10°	407.1	408.2	407.3	407.9	407.9	407.9	407.3	408.2	407.1	408.2	407.3
10.5°	406.3	407.4	406.7	407.3	407.4	407.3	406.7	407.4	406.3	407.4	406.7
11°	405.9	406.6	406.3	406.7	406.7	406.7	406.3	406.6	405.9	406.6	406.3
11.5°	405.1	405.8	405.5	405.6	405.9	405.6	405.5	405.8	405.1	405.8	405.5
12°	404.6	405.0	404.4	404.9	405.0	404.9	404.4	405.0	404.6	405.0	404.4
12.5°	403.8	404.3	403.7	404.0	403.8	404.0	403.7	404.3	403.8	404.3	403.7
13°	402.6	403.4	403.1	403.1	403.4	403.1	403.1	403.4	402.6	403.4	403.1
13.5°	401.6	402.2	402.0	402.4	402.1	402.4	402.0	402.2	401.6	402.2	402.0
14°	401.0	401.5	401.1	401.3	401.2	401.3	401.1	401.5	401.0	401.5	401.1
14.5°	399.7	400.4	399.8	400.3	400.1	400.3	399.8	400.4	399.7	400.4	399.8
15°	398.8	399.4	399.0	399.3	399.2	399.3	399.0	399.4	398.8	399.4	399.0
15.5°	397.5	398.3	398.0	398.2	397.6	398.2	398.0	398.3	397.5	398.3	398.0
16°	396.3	397.4	396.5	397.3	397.2	397.3	396.5	397.4	396.3	397.4	396.5
16.5°	394.8	396.0	395.6	395.8	395.9	395.8	395.6	396.0	394.8	396.0	395.6
17°	394.1	394.7	394.9	394.6	394.8	394.6	394.9	394.7	394.1	394.7	394.9
17.5°	393.0	393.5	393.7	393.8	393.4	393.8	393.7	393.5	393.0	393.5	393.7
18°	391.4	392.5	392.2	392.3	392.5	392.3	392.2	392.5	391.4	392.5	392.2
18.5°	390.8	391.4	391.1	391.4	390.7	391.4	391.1	391.4	390.8	391.4	391.1
19°	389.4	390.3	389.5	389.8	389.8	389.8	389.5	390.3	389.4	390.3	389.5
19.5°	388.1	388.6	388.4	388.4	388.6	388.4	388.4	388.6	388.1	388.6	388.4
20°	386.7	387.5	386.9	387.3	387.3	387.3	386.9	387.5	386.7	387.5	386.9
20.5°	385.2	385.7	385.6	385.8	385.6	385.8	385.6	385.7	385.2	385.7	385.6
21°	383.5	384.3	384.2	384.1	384.4	384.1	384.2	384.3	383.5	384.3	384.2

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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°	379.5	379.9	379.7	379.8	380.2	379.8	379.7	379.9	379.5	379.9	379.7
23°	377.6	377.9	378.2	377.9	378.4	377.9	378.2	377.9	377.6	377.9	378.2
23.5°	376.0	376.9	376.2	376.7	376.6	376.7	376.2	376.9	376.0	376.9	376.2
24°	374.3	375.3	375.1	375.0	375.3	375.0	375.1	375.3	374.3	375.3	375.1
24.5°	373.0	373.8	373.5	373.5	373.3	373.5	373.5	373.8	373.0	373.8	373.5
25°	371.4	372.2	371.6	371.8	371.8	371.8	371.6	372.2	371.4	372.2	371.6
25.5°	369.5	370.3	370.1	370.0	370.1	370.0	370.1	370.3	369.5	370.3	370.1
26°	367.8	368.5	368.2	368.0	368.6	368.0	368.2	368.5	367.8	368.5	368.2
26.5°	366.4	366.8	366.4	366.3	366.6	366.3	366.4	366.8	366.4	366.8	366.4
27°	364.0	364.9	364.5	364.7	365.3	364.7	364.5	364.9	364.0	364.9	364.5
27.5°	363.0	363.1	362.9	363.1	363.0	363.1	362.9	363.1	363.0	363.1	362.9
28°	360.6	361.1	361.1	361.2	361.0	361.2	361.1	361.1	360.6	361.1	361.1
28.5°	358.8	359.5	359.2	359.4	359.1	359.4	359.2	359.5	358.8	359.5	359.2
29°	357.0	357.6	357.6	357.5	357.3	357.5	357.6	357.6	357.0	357.6	357.6
29.5°	354.5	355.5	355.4	355.6	355.6	355.6	355.4	355.5	354.5	355.5	355.4
30°	352.8	353.5	353.2	353.5	353.2	353.5	353.2	353.5	352.8	353.5	353.2
30.5°	351.2	351.8	351.4	351.2	351.6	351.2	351.4	351.8	351.2	351.8	351.4
31°	348.9	349.7	349.0	349.6	349.5	349.6	349.0	349.7	348.9	349.7	349.0
31.5°	347.0	347.6	347.1	347.6	347.1	347.6	347.1	347.6	347.0	347.6	347.1
32°	344.6	345.5	345.0	345.5	345.7	345.5	345.0	345.5	344.6	345.5	345.0
32.5°	343.0	343.1	343.2	343.5	343.3	343.5	343.2	343.1	343.0	343.1	343.2
33°	340.5	341.4	340.9	341.1	341.1	341.1	340.9	341.4	340.5	341.4	340.9
33.5°	339.0	339.3	339.0	338.7	339.1	338.7	339.0	339.3	339.0	339.3	339.0
34°	336.5	337.1	336.9	336.8	336.6	336.8	336.9	337.1	336.5	337.1	336.9
34.5°	334.1	334.9	334.4	334.6	334.3	334.6	334.4	334.9	334.1	334.9	334.4
35°	331.9	332.6	332.2	332.5	332.3	332.5	332.2	332.6	331.9	332.6	332.2
35.5°	330.0	330.1	329.9	330.0	330.4	330.0	329.9	330.1	330.0	330.1	329.9
36°	327.3	327.8	327.6	327.9	328.0	327.9	327.6	327.8	327.3	327.8	327.6
36.5°	325.2	325.4	325.4	325.7	325.7	325.7	325.4	325.4	325.2	325.4	325.4
37°	322.9	323.1	322.8	323.0	323.3	323.0	322.8	323.1	322.9	323.1	322.8
37.5°	320.4	320.8	320.8	320.8	320.8	320.8	320.8	320.8	320.4	320.8	320.8
38°	317.9	318.5	318.2	318.4	318.1	318.4	318.2	318.5	317.9	318.5	318.2
38.5°	315.6	315.8	315.9	316.0	315.8	316.0	315.9	315.8	315.6	315.8	315.9
39°	313.1	313.2	313.5	313.5	313.3	313.5	313.5	313.2	313.1	313.2	313.5
39.5°	310.4	310.8	311.1	311.0	311.2	311.0	311.1	310.8	310.4	310.8	311.1
40°	308.1	308.4	308.4	308.5	308.4	308.5	308.4	308.4	308.1	308.4	308.4
40.5°	305.7	306.1	305.8	305.9	305.8	305.9	305.8	306.1	305.7	306.1	305.8
41°	302.9	303.5	303.1	303.6	303.4	303.6	303.1	303.5	302.9	303.5	303.1
41.5°	300.1	300.9	300.6	300.8	300.6	300.8	300.6	300.9	300.1	300.9	300.6
42°	297.6	298.5	298.1	298.2	297.9	298.2	298.1	298.5	297.6	298.5	298.1
42.5°	295.0	295.7	295.4	295.5	295.5	295.5	295.4	295.7	295.0	295.7	295.4
43°	292.4	293.1	292.7	292.9	292.7	292.9	292.7	293.1	292.4	293.1	292.7
43.5°	289.8	290.4	290.2	290.3	290.2	290.3	290.2	290.4	289.8	290.4	290.2

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	281.4	282.2	282.0	282.3	282.1	282.3	282.0	282.2	281.4	282.2	282.0
45.5°	278.6	279.4	279.2	279.3	279.3	279.3	279.2	279.4	278.6	279.4	279.2
46°	276.3	276.3	276.4	276.4	276.4	276.4	276.4	276.3	276.3	276.3	276.4
46.5°	273.2	273.9	273.4	273.8	273.6	273.8	273.4	273.9	273.2	273.9	273.4
47°	270.3	270.8	270.6	270.9	270.6	270.9	270.6	270.8	270.3	270.8	270.6
47.5°	267.5	268.3	267.7	268.0	268.1	268.0	267.7	268.3	267.5	268.3	267.7
48°	264.8	265.2	264.8	265.2	265.2	265.2	264.8	265.2	264.8	265.2	264.8
48.5°	261.8	262.5	261.9	262.2	262.1	262.2	261.9	262.5	261.8	262.5	261.9
49°	258.7	259.4	259.1	259.3	259.0	259.3	259.1	259.4	258.7	259.4	259.1
49.5°	255.7	256.4	256.1	256.2	256.1	256.2	256.1	256.4	255.7	256.4	256.1
50°	252.9	253.3	253.2	253.5	253.4	253.5	253.2	253.3	252.9	253.3	253.2
50.5°	249.8	250.4	250.2	250.4	250.4	250.4	250.2	250.4	249.8	250.4	250.2
51°	246.8	247.4	247.1	247.3	247.3	247.3	247.1	247.4	246.8	247.4	247.1
51.5°	243.8	244.3	244.0	244.4	244.2	244.4	244.0	244.3	243.8	244.3	244.0
52°	240.8	241.3	241.0	241.3	241.1	241.3	241.0	241.3	240.8	241.3	241.0
52.5°	237.8	238.2	237.8	238.2	238.1	238.2	237.8	238.2	237.8	238.2	237.8
53°	234.7	235.1	234.7	235.0	235.0	235.0	234.7	235.1	234.7	235.1	234.7
53.5°	231.5	231.9	231.6	231.9	231.9	231.9	231.6	231.9	231.5	231.9	231.6
54°	228.3	228.8	228.5	228.7	228.7	228.7	228.5	228.8	228.3	228.8	228.5
54.5°	225.2	225.6	225.4	225.6	225.6	225.6	225.4	225.6	225.2	225.6	225.4
55°	222.2	222.4	222.3	222.4	222.6	222.4	222.3	222.4	222.2	222.4	222.3
55.5°	218.9	219.3	219.1	219.1	219.2	219.1	219.1	219.3	218.9	219.3	219.1
56°	215.6	216.0	215.8	216.0	215.8	216.0	215.8	216.0	215.6	216.0	215.8
56.5°	212.3	212.8	212.7	212.7	212.7	212.7	212.7	212.8	212.3	212.8	212.7
57°	209.1	209.5	209.3	209.5	209.2	209.5	209.3	209.5	209.1	209.5	209.3
57.5°	205.8	206.2	205.9	206.3	206.1	206.3	205.9	206.2	205.8	206.2	205.9
58°	202.6	202.9	202.6	202.8	202.9	202.8	202.6	202.9	202.6	202.9	202.6
58.5°	199.1	199.7	199.3	199.6	199.6	199.6	199.3	199.7	199.1	199.7	199.3
59°	195.6	196.2	196.0	196.1	196.1	196.1	196.0	196.2	195.6	196.2	196.0
59.5°	192.4	193.0	192.6	192.6	192.7	192.6	192.6	193.0	192.4	193.0	192.6
60°	189.2	189.5	189.2	189.3	189.4	189.3	189.2	189.5	189.2	189.5	189.2
60.5°	185.9	186.1	185.8	186.0	186.2	186.0	185.8	186.1	185.9	186.1	185.8
61°	182.4	182.7	182.4	182.6	182.5	182.6	182.4	182.7	182.4	182.7	182.4
61.5°	179.0	179.3	179.0	179.2	179.2	179.2	179.0	179.3	179.0	179.3	179.0
62°	175.6	175.9	175.6	175.7	175.8	175.7	175.6	175.9	175.6	175.9	175.6
62.5°	171.9	172.4	172.1	172.4	172.4	172.4	172.1	172.4	171.9	172.4	172.1
63°	168.6	168.9	168.6	168.8	168.7	168.8	168.6	168.9	168.6	168.9	168.6
63.5°	165.0	165.4	165.1	165.2	165.1	165.2	165.1	165.4	165.0	165.4	165.1
64°	161.5	161.8	161.5	161.7	161.8	161.7	161.5	161.8	161.5	161.8	161.5
64.5°	158.1	158.3	157.9	158.1	158.1	158.1	157.9	158.3	158.1	158.3	157.9
65°	154.4	154.6	154.4	154.8	154.9	154.8	154.4	154.6	154.4	154.6	154.4
65.5°	151.1	151.1	151.0	151.2	151.3	151.2	151.0	151.1	151.1	151.1	151.0
66°	147.4	147.6	147.4	147.5	147.4	147.5	147.4	147.6	147.4	147.6	147.4

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997198

CATALOG NUMBER: SMX6SLSFS010-1200LM-3500K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	136.7	136.8	136.7	136.7	136.9	136.7	136.7	136.8	136.7	136.8	136.7
68°	133.1	133.1	132.9	133.1	133.3	133.1	132.9	133.1	133.1	133.1	132.9
68.5°	129.4	129.6	129.3	129.5	129.5	129.5	129.3	129.6	129.4	129.6	129.3
69°	125.8	125.9	125.8	125.8	125.8	125.8	125.8	125.9	125.8	125.9	125.8
69.5°	122.0	122.1	122.0	122.1	122.3	122.1	122.0	122.1	122.0	122.1	122.0
70°	118.3	118.6	118.4	118.5	118.5	118.5	118.4	118.6	118.3	118.6	118.4
70.5°	114.7	115.0	114.8	114.9	114.8	114.9	114.8	115.0	114.7	115.0	114.8
71°	111.1	111.2	111.0	111.2	111.2	111.2	111.0	111.2	111.1	111.2	111.0
71.5°	107.4	107.5	107.4	107.5	107.4	107.5	107.4	107.5	107.4	107.5	107.4
72°	103.6	103.9	103.6	103.8	103.9	103.8	103.6	103.9	103.6	103.9	103.6
72.5°	99.9	100.2	99.9	100.1	100.2	100.1	99.9	100.2	99.9	100.2	99.9
73°	96.3	96.5	96.3	96.4	96.4	96.4	96.3	96.5	96.3	96.5	96.3
73.5°	92.5	92.9	92.7	92.8	92.8	92.8	92.7	92.9	92.5	92.9	92.7
74°	88.9	89.1	89.0	89.1	89.1	89.1	89.0	89.1	88.9	89.1	89.0
74.5°	85.2	85.6	85.4	85.4	85.5	85.4	85.4	85.6	85.2	85.6	85.4
75°	81.6	81.9	81.8	81.8	81.9	81.8	81.8	81.9	81.6	81.9	81.8
75.5°	78.0	78.4	78.2	78.2	78.3	78.2	78.2	78.4	78.0	78.4	78.2
76°	74.4	74.6	74.7	74.7	74.7	74.7	74.7	74.6	74.4	74.6	74.7
76.5°	70.8	71.0	70.9	71.0	71.1	71.0	70.9	71.0	70.8	71.0	70.9
77°	67.3	67.5	67.4	67.5	67.5	67.5	67.4	67.5	67.3	67.5	67.4
77.5°	63.7	63.8	63.9	63.9	63.9	63.9	63.9	63.8	63.7	63.8	63.9
78°	60.1	60.4	60.4	60.5	60.5	60.5	60.4	60.4	60.1	60.4	60.4
78.5°	56.6	56.9	56.9	57.1	57.0	57.1	56.9	56.9	56.6	56.9	56.9
79°	53.2	53.5	53.5	53.6	53.6	53.6	53.5	53.5	53.2	53.5	53.5
79.5°	49.9	50.2	50.1	50.2	50.2	50.2	50.1	50.2	49.9	50.2	50.1
80°	46.7	46.8	46.9	46.9	47.0	46.9	46.9	46.8	46.7	46.8	46.9
80.5°	43.5	43.6	43.6	43.6	43.7	43.6	43.6	43.6	43.5	43.6	43.6
81°	40.3	40.4	40.4	40.5	40.5	40.5	40.4	40.4	40.3	40.4	40.4
81.5°	37.1	37.2	37.3	37.2	37.4	37.2	37.3	37.2	37.1	37.2	37.3
82°	34.0	34.1	34.2	34.2	34.2	34.2	34.2	34.1	34.0	34.1	34.2
82.5°	30.9	31.0	31.1	31.1	31.3	31.1	31.1	31.0	30.9	31.0	31.1
83°	27.9	28.0	28.2	28.2	28.3	28.2	28.2	28.0	27.9	28.0	28.2
83.5°	24.9	25.1	25.3	25.4	25.4	25.4	25.3	25.1	24.9	25.1	25.3
84°	22.2	22.4	22.5	22.7	22.6	22.7	22.5	22.4	22.2	22.4	22.5
84.5°	19.7	19.8	19.9	20.0	20.0	20.0	19.9	19.8	19.7	19.8	19.9
85°	17.2	17.4	17.4	17.5	17.4	17.5	17.4	17.4	17.2	17.4	17.4
85.5°	14.8	15.0	15.1	15.3	15.1	15.3	15.1	15.0	14.8	15.0	15.1
86°	12.7	12.8	12.9	13.1	12.9	13.1	12.9	12.8	12.7	12.8	12.9
86.5°	10.6	10.8	11.0	11.1	10.9	11.1	11.0	10.8	10.6	10.8	11.0
87°	8.8	8.9	9.1	9.3	9.1	9.3	9.1	8.9	8.8	8.9	9.1
87.5°	7.1	7.3	7.5	7.6	7.5	7.6	7.5	7.3	7.1	7.3	7.5
88°	5.6	5.9	6.1	6.1	5.9	6.1	6.1	5.9	5.6	5.9	6.1
88.5°	4.5	4.6	4.8	4.9	4.7	4.9	4.8	4.6	4.5	4.6	4.8

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

Scaled Data Report



TEST NUMBER: P997198
CATALOG NUMBER: SMX6SLSFS010-1200LM-3500K

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: P997198

CATALOG NUMBER: SMX6SLSFS010-1200LM-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	414.8	414.8	414.8	414.8	414.8	414.8
0.5°	415.0	414.8	415.0	414.8	415.1	414.1
1°	414.8	414.9	414.8	414.9	415.1	414.1
1.5°	414.7	415.0	414.7	415.0	414.7	414.1
2°	414.4	414.9	414.4	414.7	414.6	414.0
2.5°	414.4	414.2	414.4	414.6	414.6	413.8
3°	414.4	414.2	414.4	414.1	414.5	413.4
3.5°	414.2	414.3	414.2	413.5	414.2	413.5
4°	413.7	414.1	413.7	413.4	413.8	413.0
4.5°	413.4	413.9	413.4	413.3	413.4	412.7
5°	413.1	413.4	413.1	412.9	413.4	412.2
5.5°	412.9	412.7	412.9	412.7	413.0	412.0
6°	412.3	412.6	412.3	412.0	412.6	411.9
6.5°	411.8	411.8	411.8	411.7	412.1	411.5
7°	411.2	411.8	411.2	411.0	411.5	411.0
7.5°	410.8	411.0	410.8	410.7	411.1	410.2
8°	409.9	410.6	409.9	410.1	410.4	409.8
8.5°	409.7	409.9	409.7	409.5	410.0	409.3
9°	409.3	409.3	409.3	408.7	409.5	408.6
9.5°	408.3	408.1	408.3	408.0	408.5	407.8
10°	407.9	407.9	407.9	407.3	408.2	407.1
10.5°	407.3	407.4	407.3	406.7	407.4	406.3
11°	406.7	406.7	406.7	406.3	406.6	405.9
11.5°	405.6	405.9	405.6	405.5	405.8	405.1
12°	404.9	405.0	404.9	404.4	405.0	404.6
12.5°	404.0	403.8	404.0	403.7	404.3	403.8
13°	403.1	403.4	403.1	403.1	403.4	402.6
13.5°	402.4	402.1	402.4	402.0	402.2	401.6
14°	401.3	401.2	401.3	401.1	401.5	401.0
14.5°	400.3	400.1	400.3	399.8	400.4	399.7
15°	399.3	399.2	399.3	399.0	399.4	398.8
15.5°	398.2	397.6	398.2	398.0	398.3	397.5
16°	397.3	397.2	397.3	396.5	397.4	396.3
16.5°	395.8	395.9	395.8	395.6	396.0	394.8
17°	394.6	394.8	394.6	394.9	394.7	394.1
17.5°	393.8	393.4	393.8	393.7	393.5	393.0
18°	392.3	392.5	392.3	392.2	392.5	391.4
18.5°	391.4	390.7	391.4	391.1	391.4	390.8
19°	389.8	389.8	389.8	389.5	390.3	389.4
19.5°	388.4	388.6	388.4	388.4	388.6	388.1
20°	387.3	387.3	387.3	386.9	387.5	386.7
20.5°	385.8	385.6	385.8	385.6	385.7	385.2
21°	384.1	384.4	384.1	384.2	384.3	383.5

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997198

CATALOG NUMBER: SMX6SLSFS010-1200LM-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	379.8	380.2	379.8	379.7	379.9	379.5
23°	377.9	378.4	377.9	378.2	377.9	377.6
23.5°	376.7	376.6	376.7	376.2	376.9	376.0
24°	375.0	375.3	375.0	375.1	375.3	374.3
24.5°	373.5	373.3	373.5	373.5	373.8	373.0
25°	371.8	371.8	371.8	371.6	372.2	371.4
25.5°	370.0	370.1	370.0	370.1	370.3	369.5
26°	368.0	368.6	368.0	368.2	368.5	367.8
26.5°	366.3	366.6	366.3	366.4	366.8	366.4
27°	364.7	365.3	364.7	364.5	364.9	364.0
27.5°	363.1	363.0	363.1	362.9	363.1	363.0
28°	361.2	361.0	361.2	361.1	361.1	360.6
28.5°	359.4	359.1	359.4	359.2	359.5	358.8
29°	357.5	357.3	357.5	357.6	357.6	357.0
29.5°	355.6	355.6	355.6	355.4	355.5	354.5
30°	353.5	353.2	353.5	353.2	353.5	352.8
30.5°	351.2	351.6	351.2	351.4	351.8	351.2
31°	349.6	349.5	349.6	349.0	349.7	348.9
31.5°	347.6	347.1	347.6	347.1	347.6	347.0
32°	345.5	345.7	345.5	345.0	345.5	344.6
32.5°	343.5	343.3	343.5	343.2	343.1	343.0
33°	341.1	341.1	341.1	340.9	341.4	340.5
33.5°	338.7	339.1	338.7	339.0	339.3	339.0
34°	336.8	336.6	336.8	336.9	337.1	336.5
34.5°	334.6	334.3	334.6	334.4	334.9	334.1
35°	332.5	332.3	332.5	332.2	332.6	331.9
35.5°	330.0	330.4	330.0	329.9	330.1	330.0
36°	327.9	328.0	327.9	327.6	327.8	327.3
36.5°	325.7	325.7	325.7	325.4	325.4	325.2
37°	323.0	323.3	323.0	322.8	323.1	322.9
37.5°	320.8	320.8	320.8	320.8	320.8	320.4
38°	318.4	318.1	318.4	318.2	318.5	317.9
38.5°	316.0	315.8	316.0	315.9	315.8	315.6
39°	313.5	313.3	313.5	313.5	313.2	313.1
39.5°	311.0	311.2	311.0	311.1	310.8	310.4
40°	308.5	308.4	308.5	308.4	308.4	308.1
40.5°	305.9	305.8	305.9	305.8	306.1	305.7
41°	303.6	303.4	303.6	303.1	303.5	302.9
41.5°	300.8	300.6	300.8	300.6	300.9	300.1
42°	298.2	297.9	298.2	298.1	298.5	297.6
42.5°	295.5	295.5	295.5	295.4	295.7	295.0
43°	292.9	292.7	292.9	292.7	293.1	292.4
43.5°	290.3	290.2	290.3	290.2	290.4	289.8

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997198

CATALOG NUMBER: SMX6SLSFS010-1200LM-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	282.3	282.1	282.3	282.0	282.2	281.4
45.5°	279.3	279.3	279.3	279.2	279.4	278.6
46°	276.4	276.4	276.4	276.4	276.3	276.3
46.5°	273.8	273.6	273.8	273.4	273.9	273.2
47°	270.9	270.6	270.9	270.6	270.8	270.3
47.5°	268.0	268.1	268.0	267.7	268.3	267.5
48°	265.2	265.2	265.2	264.8	265.2	264.8
48.5°	262.2	262.1	262.2	261.9	262.5	261.8
49°	259.3	259.0	259.3	259.1	259.4	258.7
49.5°	256.2	256.1	256.2	256.1	256.4	255.7
50°	253.5	253.4	253.5	253.2	253.3	252.9
50.5°	250.4	250.4	250.4	250.2	250.4	249.8
51°	247.3	247.3	247.3	247.1	247.4	246.8
51.5°	244.4	244.2	244.4	244.0	244.3	243.8
52°	241.3	241.1	241.3	241.0	241.3	240.8
52.5°	238.2	238.1	238.2	237.8	238.2	237.8
53°	235.0	235.0	235.0	234.7	235.1	234.7
53.5°	231.9	231.9	231.9	231.6	231.9	231.5
54°	228.7	228.7	228.7	228.5	228.8	228.3
54.5°	225.6	225.6	225.6	225.4	225.6	225.2
55°	222.4	222.6	222.4	222.3	222.4	222.2
55.5°	219.1	219.2	219.1	219.1	219.3	218.9
56°	216.0	215.8	216.0	215.8	216.0	215.6
56.5°	212.7	212.7	212.7	212.7	212.8	212.3
57°	209.5	209.2	209.5	209.3	209.5	209.1
57.5°	206.3	206.1	206.3	205.9	206.2	205.8
58°	202.8	202.9	202.8	202.6	202.9	202.6
58.5°	199.6	199.6	199.6	199.3	199.7	199.1
59°	196.1	196.1	196.1	196.0	196.2	195.6
59.5°	192.6	192.7	192.6	192.6	193.0	192.4
60°	189.3	189.4	189.3	189.2	189.5	189.2
60.5°	186.0	186.2	186.0	185.8	186.1	185.9
61°	182.6	182.5	182.6	182.4	182.7	182.4
61.5°	179.2	179.2	179.2	179.0	179.3	179.0
62°	175.7	175.8	175.7	175.6	175.9	175.6
62.5°	172.4	172.4	172.4	172.1	172.4	171.9
63°	168.8	168.7	168.8	168.6	168.9	168.6
63.5°	165.2	165.1	165.2	165.1	165.4	165.0
64°	161.7	161.8	161.7	161.5	161.8	161.5
64.5°	158.1	158.1	158.1	157.9	158.3	158.1
65°	154.8	154.9	154.8	154.4	154.6	154.4
65.5°	151.2	151.3	151.2	151.0	151.1	151.1
66°	147.5	147.4	147.5	147.4	147.6	147.4

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997198

CATALOG NUMBER: SMX6SLSFS010-1200LM-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	136.7	136.9	136.7	136.7	136.8	136.7
68°	133.1	133.3	133.1	132.9	133.1	133.1
68.5°	129.5	129.5	129.5	129.3	129.6	129.4
69°	125.8	125.8	125.8	125.8	125.9	125.8
69.5°	122.1	122.3	122.1	122.0	122.1	122.0
70°	118.5	118.5	118.5	118.4	118.6	118.3
70.5°	114.9	114.8	114.9	114.8	115.0	114.7
71°	111.2	111.2	111.2	111.0	111.2	111.1
71.5°	107.5	107.4	107.5	107.4	107.5	107.4
72°	103.8	103.9	103.8	103.6	103.9	103.6
72.5°	100.1	100.2	100.1	99.9	100.2	99.9
73°	96.4	96.4	96.4	96.3	96.5	96.3
73.5°	92.8	92.8	92.8	92.7	92.9	92.5
74°	89.1	89.1	89.1	89.0	89.1	88.9
74.5°	85.4	85.5	85.4	85.4	85.6	85.2
75°	81.8	81.9	81.8	81.8	81.9	81.6
75.5°	78.2	78.3	78.2	78.2	78.4	78.0
76°	74.7	74.7	74.7	74.7	74.6	74.4
76.5°	71.0	71.1	71.0	70.9	71.0	70.8
77°	67.5	67.5	67.5	67.4	67.5	67.3
77.5°	63.9	63.9	63.9	63.9	63.8	63.7
78°	60.5	60.5	60.5	60.4	60.4	60.1
78.5°	57.1	57.0	57.1	56.9	56.9	56.6
79°	53.6	53.6	53.6	53.5	53.5	53.2
79.5°	50.2	50.2	50.2	50.1	50.2	49.9
80°	46.9	47.0	46.9	46.9	46.8	46.7
80.5°	43.6	43.7	43.6	43.6	43.6	43.5
81°	40.5	40.5	40.5	40.4	40.4	40.3
81.5°	37.2	37.4	37.2	37.3	37.2	37.1
82°	34.2	34.2	34.2	34.2	34.1	34.0
82.5°	31.1	31.3	31.1	31.1	31.0	30.9
83°	28.2	28.3	28.2	28.2	28.0	27.9
83.5°	25.4	25.4	25.4	25.3	25.1	24.9
84°	22.7	22.6	22.7	22.5	22.4	22.2
84.5°	20.0	20.0	20.0	19.9	19.8	19.7
85°	17.5	17.4	17.5	17.4	17.4	17.2
85.5°	15.3	15.1	15.3	15.1	15.0	14.8
86°	13.1	12.9	13.1	12.9	12.8	12.7
86.5°	11.1	10.9	11.1	11.0	10.8	10.6
87°	9.3	9.1	9.3	9.1	8.9	8.8
87.5°	7.6	7.5	7.6	7.5	7.3	7.1
88°	6.1	5.9	6.1	6.1	5.9	5.6
88.5°	4.9	4.7	4.9	4.8	4.6	4.5

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Scaled Data Report



TEST NUMBER: P997198
CATALOG NUMBER: SMX6SLSFS010-1200LM-3500K

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°	381.6	382.5	382.7	382.6	383.0	382.6	382.7	382.5	381.6	382.5	382.7
22°	380.6	381.4	381.2	381.3	381.6	381.3	381.2	381.4	380.6	381.4	381.2



44°	287.0	287.4	287.3	287.6	287.6	287.6	287.3	287.4	287.0	287.4	287.3
44.5°	284.3	285.0	284.7	284.8	284.9	284.8	284.7	285.0	284.3	285.0	284.7



66.5°	143.9	144.1	143.9	144.0	144.0	144.0	143.9	144.1	143.9	144.1	143.9
67°	140.3	140.4	140.2	140.3	140.4	140.3	140.2	140.4	140.3	140.4	140.2



89°	3.3	3.5	3.7	3.8	3.5	3.8	3.7	3.5	3.3	3.5	3.7
89.5°	2.4	2.6	2.8	2.9	2.6	2.9	2.8	2.6	2.4	2.6	2.8

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21.5°	382.6	383.0	382.6	382.7	382.5	381.6
22°	381.3	381.6	381.3	381.2	381.4	380.6

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44°	287.6	287.6	287.6	287.3	287.4	287.0
44.5°	284.8	284.9	284.8	284.7	285.0	284.3

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66.5°	144.0	144.0	144.0	143.9	144.1	143.9
67°	140.3	140.4	140.3	140.2	140.4	140.3

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89°	3.8	3.5	3.8	3.7	3.5	3.3
89.5°	2.9	2.6	2.9	2.8	2.6	2.4

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(END OF REPORT)