

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: P997199

Luminaire Tested: **SMX6SLSFS010-1200LM-4000K**

Issue Date: 3/11/2025



Test Information

Test Method: LM-41-14
Report Number: P997199
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-4000K
Description: 6IN SQAURE, 90CRI, 0-10V DIMMING, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 4000K CCT
Ballast/Driver: -

Summary

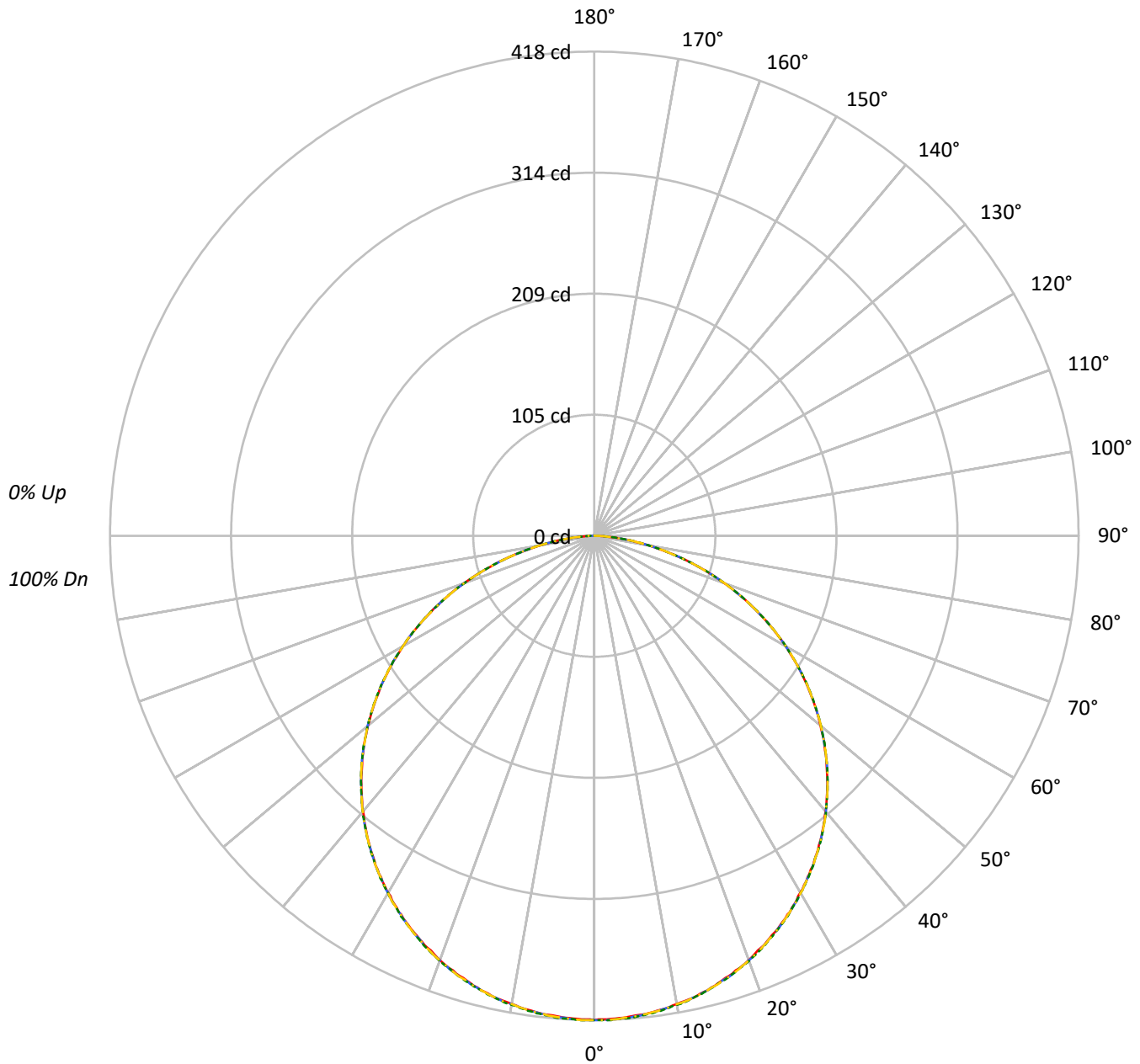
Lumens per Lamp: N/A
Luminaire Lumens: 1218.0 lumens
Efficiency: N/A
Efficacy: 98.2 lumens/watt
Spacing Criteria (0/90/45): 1.27 / 1.27 / 1.39
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
CIE Type: Direct

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°	18006	18006	18006	18006
5°	17962	18014	17962	18014
10°	17947	17982	17947	17982
15°	17923	17941	17923	17941
20°	17865	17892	17865	17892
25°	17786	17810	17786	17810
30°	17689	17704	17689	17704
35°	17592	17613	17592	17613
40°	17463	17480	17463	17480
45°	17274	17317	17274	17317
50°	17081	17114	17081	17114
55°	16815	16845	16815	16845
60°	16430	16439	16430	16439
65°	15862	15903	15862	15903
70°	15018	15043	15018	15043
75°	13674	13741	13674	13741
80°	11678	11728	11678	11728
85°	8596	8695	8596	8695

Classified

Scaled Data Report

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	39.6	3.2
10°-20°	113.6	9.3
20°-30°	172.7	14.2
30°-40°	209.6	17.2
40°-50°	219.3	18.0
50°-60°	200.2	16.4
60°-70°	154.1	12.6
70°-80°	87.2	7.2
80°-90°	21.7	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°	325.9	26.8
0°-40°	535.5	44.0
0°-60°	955.0	78.4
0°-90°	1218.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1218.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	418	418	418	418	418	
5°	416	417	416	417	416	40
15°	402	402	402	402	402	113
25°	374	375	374	375	374	173
35°	335	335	335	335	335	209
45°	284	284	284	284	284	219
55°	224	224	224	224	224	200
65°	156	156	156	156	156	154
75°	82	83	82	83	82	87
85°	17	18	17	18	17	21
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°	418.2	418.2	418.2	418.2	418.2	418.2	418.2	418.2	418.2	418.2	418.2
0.5°	417.5	418.5	418.3	418.5	418.2	418.5	418.3	418.5	417.5	418.5	418.3
1°	417.6	418.6	418.3	418.2	418.3	418.2	418.3	418.6	417.6	418.6	418.3
1.5°	417.6	418.1	418.4	418.1	418.4	418.1	418.4	418.1	417.6	418.1	418.4
2°	417.4	418.1	418.1	417.8	418.4	417.8	418.1	418.1	417.4	418.1	418.1
2.5°	417.2	418.0	418.0	417.8	417.7	417.8	418.0	418.0	417.2	418.0	418.0
3°	416.8	418.0	417.5	417.8	417.6	417.8	417.5	418.0	416.8	418.0	417.5
3.5°	416.9	417.7	417.0	417.7	417.7	417.7	417.0	417.7	416.9	417.7	417.0
4°	416.4	417.3	416.8	417.1	417.5	417.1	416.8	417.3	416.4	417.3	416.8
4.5°	416.1	416.8	416.7	416.8	417.3	416.8	416.7	416.8	416.1	416.8	416.7
5°	415.6	416.8	416.3	416.5	416.8	416.5	416.3	416.8	415.6	416.8	416.3
5.5°	415.4	416.4	416.1	416.4	416.1	416.4	416.1	416.4	415.4	416.4	416.1
6°	415.3	416.0	415.4	415.7	416.0	415.7	415.4	416.0	415.3	416.0	415.4
6.5°	414.9	415.5	415.1	415.2	415.2	415.2	415.1	415.5	414.9	415.5	415.1
7°	414.4	414.9	414.4	414.6	415.2	414.6	414.4	414.9	414.4	414.9	414.4
7.5°	413.6	414.5	414.1	414.2	414.3	414.2	414.1	414.5	413.6	414.5	414.1
8°	413.2	413.8	413.5	413.3	414.0	413.3	413.5	413.8	413.2	413.8	413.5
8.5°	412.7	413.3	412.8	413.1	413.2	413.1	412.8	413.3	412.7	413.3	412.8
9°	412.0	412.9	412.1	412.7	412.7	412.7	412.1	412.9	412.0	412.9	412.1
9.5°	411.1	411.9	411.4	411.7	411.5	411.7	411.4	411.9	411.1	411.9	411.4
10°	410.5	411.5	410.6	411.3	411.3	411.3	410.6	411.5	410.5	411.5	410.6
10.5°	409.7	410.7	410.1	410.7	410.8	410.7	410.1	410.7	409.7	410.7	410.1
11°	409.2	409.9	409.6	410.0	410.1	410.0	409.6	409.9	409.2	409.9	409.6
11.5°	408.5	409.1	408.9	409.0	409.2	409.0	408.9	409.1	408.5	409.1	408.9
12°	408.0	408.3	407.7	408.2	408.4	408.2	407.7	408.3	408.0	408.3	407.7
12.5°	407.2	407.6	407.1	407.4	407.2	407.4	407.1	407.6	407.2	407.6	407.1
13°	405.9	406.8	406.4	406.4	406.7	406.4	406.4	406.8	405.9	406.8	406.4
13.5°	405.0	405.6	405.3	405.7	405.4	405.7	405.3	405.6	405.0	405.6	405.3
14°	404.3	404.8	404.4	404.6	404.5	404.6	404.4	404.8	404.3	404.8	404.4
14.5°	403.0	403.8	403.1	403.6	403.4	403.6	403.1	403.8	403.0	403.8	403.1
15°	402.1	402.7	402.3	402.6	402.5	402.6	402.3	402.7	402.1	402.7	402.3
15.5°	400.7	401.6	401.3	401.5	400.9	401.5	401.3	401.6	400.7	401.6	401.3
16°	399.6	400.7	399.8	400.5	400.5	400.5	399.8	400.7	399.6	400.7	399.8
16.5°	398.1	399.3	398.9	399.1	399.2	399.1	398.9	399.3	398.1	399.3	398.9
17°	397.4	397.9	398.1	397.9	398.1	397.9	398.1	397.9	397.4	397.9	398.1
17.5°	396.3	396.7	396.9	397.0	396.7	397.0	396.9	396.7	396.3	396.7	396.9
18°	394.6	395.8	395.4	395.5	395.7	395.5	395.4	395.8	394.6	395.8	395.4
18.5°	394.0	394.6	394.3	394.6	393.9	394.6	394.3	394.6	394.0	394.6	394.3
19°	392.6	393.5	392.7	393.1	393.0	393.1	392.7	393.5	392.6	393.5	392.7
19.5°	391.3	391.8	391.6	391.6	391.8	391.6	391.6	391.8	391.3	391.8	391.6
20°	389.9	390.7	390.1	390.5	390.5	390.5	390.1	390.7	389.9	390.7	390.1
20.5°	388.4	388.8	388.8	389.0	388.8	389.0	388.8	388.8	388.4	388.8	388.8
21°	386.7	387.4	387.4	387.3	387.6	387.3	387.4	387.4	386.7	387.4	387.4

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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°	382.6	383.0	382.8	382.9	383.4	382.9	382.8	383.0	382.6	383.0	382.8
23°	380.7	381.0	381.3	381.1	381.5	381.1	381.3	381.0	380.7	381.0	381.3
23.5°	379.1	380.0	379.3	379.8	379.7	379.8	379.3	380.0	379.1	380.0	379.3
24°	377.4	378.4	378.2	378.1	378.4	378.1	378.2	378.4	377.4	378.4	378.2
24.5°	376.1	376.9	376.6	376.6	376.3	376.6	376.6	376.9	376.1	376.9	376.6
25°	374.4	375.3	374.7	374.8	374.9	374.8	374.7	375.3	374.4	375.3	374.7
25.5°	372.6	373.3	373.1	373.0	373.1	373.0	373.1	373.3	372.6	373.3	373.1
26°	370.8	371.6	371.3	371.1	371.6	371.1	371.3	371.6	370.8	371.6	371.3
26.5°	369.4	369.8	369.5	369.3	369.6	369.3	369.5	369.8	369.4	369.8	369.5
27°	367.0	367.9	367.5	367.7	368.3	367.7	367.5	367.9	367.0	367.9	367.5
27.5°	366.0	366.1	365.9	366.1	366.0	366.1	365.9	366.1	366.0	366.1	365.9
28°	363.5	364.1	364.0	364.2	364.0	364.2	364.0	364.1	363.5	364.1	364.0
28.5°	361.8	362.4	362.1	362.4	362.1	362.4	362.1	362.4	361.8	362.4	362.1
29°	360.0	360.5	360.6	360.4	360.3	360.4	360.6	360.5	360.0	360.5	360.6
29.5°	357.4	358.4	358.4	358.5	358.5	358.5	358.4	358.4	357.4	358.4	358.4
30°	355.8	356.5	356.1	356.4	356.1	356.4	356.1	356.5	355.8	356.5	356.1
30.5°	354.1	354.7	354.4	354.1	354.5	354.1	354.4	354.7	354.1	354.7	354.4
31°	351.8	352.6	351.9	352.5	352.4	352.5	351.9	352.6	351.8	352.6	351.9
31.5°	349.9	350.5	349.9	350.5	350.0	350.5	349.9	350.5	349.9	350.5	349.9
32°	347.5	348.3	347.8	348.4	348.5	348.4	347.8	348.3	347.5	348.3	347.8
32.5°	345.8	345.9	346.0	346.4	346.2	346.4	346.0	345.9	345.8	345.9	346.0
33°	343.3	344.3	343.7	343.9	343.9	343.9	343.7	344.3	343.3	344.3	343.7
33.5°	341.8	342.1	341.8	341.5	341.9	341.5	341.8	342.1	341.8	342.1	341.8
34°	339.3	339.9	339.7	339.6	339.4	339.6	339.7	339.9	339.3	339.9	339.7
34.5°	336.8	337.7	337.1	337.4	337.1	337.4	337.1	337.7	336.8	337.7	337.1
35°	334.7	335.4	335.0	335.3	335.1	335.3	335.0	335.4	334.7	335.4	335.0
35.5°	332.7	332.9	332.6	332.7	333.1	332.7	332.6	332.9	332.7	332.9	332.6
36°	330.0	330.5	330.3	330.6	330.7	330.6	330.3	330.5	330.0	330.5	330.3
36.5°	327.9	328.1	328.1	328.4	328.3	328.4	328.1	328.1	327.9	328.1	328.1
37°	325.5	325.8	325.5	325.7	326.0	325.7	325.5	325.8	325.5	325.8	325.5
37.5°	323.0	323.4	323.5	323.4	323.4	323.4	323.5	323.4	323.0	323.4	323.5
38°	320.5	321.2	320.8	321.0	320.8	321.0	320.8	321.2	320.5	321.2	320.8
38.5°	318.2	318.4	318.5	318.6	318.4	318.6	318.5	318.4	318.2	318.4	318.5
39°	315.7	315.8	316.1	316.1	315.8	316.1	316.1	315.8	315.7	315.8	316.1
39.5°	312.9	313.4	313.6	313.6	313.8	313.6	313.6	313.4	312.9	313.4	313.6
40°	310.7	310.9	310.9	311.0	311.0	311.0	310.9	310.9	310.7	310.9	310.9
40.5°	308.3	308.6	308.3	308.4	308.3	308.4	308.3	308.6	308.3	308.6	308.3
41°	305.4	306.0	305.6	306.1	305.9	306.1	305.6	306.0	305.4	306.0	305.6
41.5°	302.6	303.4	303.0	303.3	303.1	303.3	303.0	303.4	302.6	303.4	303.0
42°	300.1	300.9	300.5	300.7	300.4	300.7	300.5	300.9	300.1	300.9	300.5
42.5°	297.5	298.1	297.9	298.0	297.9	298.0	297.9	298.1	297.5	298.1	297.9
43°	294.8	295.5	295.1	295.3	295.1	295.3	295.1	295.5	294.8	295.5	295.1
43.5°	292.2	292.8	292.6	292.7	292.6	292.7	292.6	292.8	292.2	292.8	292.6

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	283.7	284.6	284.3	284.6	284.4	284.6	284.3	284.6	283.7	284.6	284.3
45.5°	280.9	281.7	281.5	281.6	281.7	281.6	281.5	281.7	280.9	281.7	281.5
46°	278.6	278.6	278.7	278.7	278.7	278.7	278.7	278.6	278.6	278.6	278.7
46.5°	275.5	276.2	275.7	276.1	275.9	276.1	275.7	276.2	275.5	276.2	275.7
47°	272.5	273.1	272.9	273.2	272.8	273.2	272.9	273.1	272.5	273.1	272.9
47.5°	269.7	270.5	269.9	270.3	270.3	270.3	269.9	270.5	269.7	270.5	269.9
48°	267.0	267.4	266.9	267.4	267.4	267.4	266.9	267.4	267.0	267.4	266.9
48.5°	264.0	264.6	264.1	264.4	264.2	264.4	264.1	264.6	264.0	264.6	264.1
49°	260.9	261.5	261.2	261.4	261.2	261.4	261.2	261.5	260.9	261.5	261.2
49.5°	257.8	258.6	258.3	258.3	258.2	258.3	258.3	258.6	257.8	258.6	258.3
50°	255.0	255.4	255.3	255.5	255.5	255.5	255.3	255.4	255.0	255.4	255.3
50.5°	251.9	252.4	252.3	252.5	252.5	252.5	252.3	252.4	251.9	252.4	252.3
51°	248.9	249.4	249.1	249.4	249.4	249.4	249.1	249.4	248.9	249.4	249.1
51.5°	245.8	246.3	246.0	246.5	246.2	246.5	246.0	246.3	245.8	246.3	246.0
52°	242.8	243.2	243.0	243.3	243.1	243.3	243.0	243.2	242.8	243.2	243.0
52.5°	239.7	240.2	239.8	240.2	240.1	240.2	239.8	240.2	239.7	240.2	239.8
53°	236.7	237.1	236.7	237.0	237.0	237.0	236.7	237.1	236.7	237.1	236.7
53.5°	233.4	233.8	233.5	233.8	233.9	233.8	233.5	233.8	233.4	233.8	233.5
54°	230.2	230.7	230.4	230.6	230.6	230.6	230.4	230.7	230.2	230.7	230.4
54.5°	227.1	227.5	227.3	227.4	227.5	227.4	227.3	227.5	227.1	227.5	227.3
55°	224.0	224.3	224.1	224.3	224.4	224.3	224.1	224.3	224.0	224.3	224.1
55.5°	220.7	221.1	220.9	220.9	221.0	220.9	220.9	221.1	220.7	221.1	220.9
56°	217.3	217.8	217.6	217.7	217.6	217.7	217.6	217.8	217.3	217.8	217.6
56.5°	214.1	214.6	214.4	214.5	214.5	214.5	214.4	214.6	214.1	214.6	214.4
57°	210.8	211.3	211.0	211.2	211.0	211.2	211.0	211.3	210.8	211.3	211.0
57.5°	207.5	207.9	207.6	208.0	207.8	208.0	207.6	207.9	207.5	207.9	207.6
58°	204.3	204.6	204.3	204.5	204.6	204.5	204.3	204.6	204.3	204.6	204.3
58.5°	200.7	201.3	201.0	201.3	201.2	201.3	201.0	201.3	200.7	201.3	201.0
59°	197.2	197.8	197.6	197.8	197.7	197.8	197.6	197.8	197.2	197.8	197.6
59.5°	194.0	194.6	194.2	194.2	194.3	194.2	194.2	194.6	194.0	194.6	194.2
60°	190.8	191.1	190.8	190.8	190.9	190.8	190.8	191.1	190.8	191.1	190.8
60.5°	187.4	187.6	187.4	187.6	187.7	187.6	187.4	187.6	187.4	187.6	187.4
61°	183.9	184.2	184.0	184.1	184.0	184.1	184.0	184.2	183.9	184.2	184.0
61.5°	180.5	180.8	180.5	180.7	180.7	180.7	180.5	180.8	180.5	180.8	180.5
62°	177.0	177.3	177.1	177.1	177.3	177.1	177.1	177.3	177.0	177.3	177.1
62.5°	173.4	173.8	173.5	173.8	173.8	173.8	173.5	173.8	173.4	173.8	173.5
63°	170.0	170.3	170.0	170.2	170.0	170.2	170.0	170.3	170.0	170.3	170.0
63.5°	166.4	166.7	166.4	166.6	166.5	166.6	166.4	166.7	166.4	166.7	166.4
64°	162.9	163.1	162.9	163.0	163.1	163.0	162.9	163.1	162.9	163.1	162.9
64.5°	159.4	159.6	159.2	159.4	159.4	159.4	159.2	159.6	159.4	159.6	159.2
65°	155.7	155.9	155.7	156.1	156.1	156.1	155.7	155.9	155.7	155.9	155.7
65.5°	152.3	152.4	152.3	152.5	152.6	152.5	152.3	152.4	152.3	152.4	152.3
66°	148.6	148.9	148.6	148.7	148.6	148.7	148.6	148.9	148.6	148.9	148.6

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997199

CATALOG NUMBER: SMX6SLSFS010-1200LM-4000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	137.8	138.0	137.8	137.8	138.0	137.8	137.8	138.0	137.8	138.0	137.8
68°	134.2	134.2	134.0	134.2	134.4	134.2	134.0	134.2	134.2	134.2	134.0
68.5°	130.5	130.7	130.3	130.6	130.6	130.6	130.3	130.7	130.5	130.7	130.3
69°	126.8	127.0	126.8	126.9	126.8	126.9	126.8	127.0	126.8	127.0	126.8
69.5°	123.1	123.1	123.1	123.2	123.3	123.2	123.1	123.1	123.1	123.1	123.1
70°	119.3	119.6	119.4	119.5	119.5	119.5	119.4	119.6	119.3	119.6	119.4
70.5°	115.7	116.0	115.7	115.9	115.8	115.9	115.7	116.0	115.7	116.0	115.7
71°	112.0	112.1	111.9	112.2	112.1	112.2	111.9	112.1	112.0	112.1	111.9
71.5°	108.2	108.4	108.3	108.4	108.3	108.4	108.3	108.4	108.2	108.4	108.3
72°	104.5	104.7	104.5	104.7	104.8	104.7	104.5	104.7	104.5	104.7	104.5
72.5°	100.8	101.0	100.7	100.9	101.0	100.9	100.7	101.0	100.8	101.0	100.7
73°	97.1	97.3	97.0	97.2	97.2	97.2	97.0	97.3	97.1	97.3	97.0
73.5°	93.3	93.6	93.5	93.5	93.6	93.5	93.5	93.6	93.3	93.6	93.5
74°	89.6	89.8	89.7	89.8	89.8	89.8	89.7	89.8	89.6	89.8	89.7
74.5°	85.9	86.3	86.1	86.1	86.3	86.1	86.1	86.3	85.9	86.3	86.1
75°	82.2	82.6	82.4	82.5	82.6	82.5	82.4	82.6	82.2	82.6	82.4
75.5°	78.6	79.1	78.9	78.9	78.9	78.9	78.9	79.1	78.6	79.1	78.9
76°	75.0	75.2	75.3	75.3	75.3	75.3	75.3	75.2	75.0	75.2	75.3
76.5°	71.4	71.6	71.5	71.6	71.7	71.6	71.5	71.6	71.4	71.6	71.5
77°	67.8	68.0	68.0	68.1	68.0	68.1	68.0	68.0	67.8	68.0	68.0
77.5°	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.3	64.4	64.4
78°	60.6	60.9	60.9	61.0	61.0	61.0	60.9	60.9	60.6	60.9	60.9
78.5°	57.1	57.4	57.4	57.5	57.5	57.5	57.4	57.4	57.1	57.4	57.4
79°	53.7	53.9	53.9	54.0	54.0	54.0	53.9	53.9	53.7	53.9	53.9
79.5°	50.3	50.6	50.5	50.7	50.6	50.7	50.5	50.6	50.3	50.6	50.5
80°	47.1	47.2	47.3	47.3	47.3	47.3	47.3	47.2	47.1	47.2	47.3
80.5°	43.9	44.0	44.0	44.0	44.1	44.0	44.0	44.0	43.9	44.0	44.0
81°	40.7	40.7	40.8	40.8	40.9	40.8	40.8	40.7	40.7	40.7	40.8
81.5°	37.4	37.5	37.7	37.6	37.7	37.6	37.7	37.5	37.4	37.5	37.7
82°	34.3	34.4	34.4	34.5	34.5	34.5	34.4	34.4	34.3	34.4	34.4
82.5°	31.2	31.3	31.4	31.4	31.5	31.4	31.4	31.3	31.2	31.3	31.4
83°	28.1	28.3	28.4	28.4	28.5	28.4	28.4	28.3	28.1	28.3	28.4
83.5°	25.1	25.3	25.5	25.6	25.6	25.6	25.5	25.3	25.1	25.3	25.5
84°	22.3	22.6	22.7	22.8	22.8	22.8	22.7	22.6	22.3	22.6	22.7
84.5°	19.9	19.9	20.1	20.2	20.1	20.2	20.1	19.9	19.9	19.9	20.1
85°	17.4	17.5	17.6	17.7	17.6	17.7	17.6	17.5	17.4	17.5	17.6
85.5°	14.9	15.1	15.3	15.4	15.2	15.4	15.3	15.1	14.9	15.1	15.3
86°	12.8	12.9	13.0	13.2	13.0	13.2	13.0	12.9	12.8	12.9	13.0
86.5°	10.7	10.9	11.0	11.2	11.0	11.2	11.0	10.9	10.7	10.9	11.0
87°	8.8	9.0	9.2	9.4	9.2	9.4	9.2	9.0	8.8	9.0	9.2
87.5°	7.1	7.3	7.6	7.7	7.6	7.7	7.6	7.3	7.1	7.3	7.6
88°	5.7	6.0	6.1	6.2	6.0	6.2	6.1	6.0	5.7	6.0	6.1
88.5°	4.5	4.6	4.9	4.9	4.7	4.9	4.9	4.6	4.5	4.6	4.9

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

Scaled Data Report



TEST NUMBER: P997199
CATALOG NUMBER: SMX6SLSFS010-1200LM-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: P997199

CATALOG NUMBER: SMX6SLSFS010-1200LM-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	418.2	418.2	418.2	418.2	418.2	418.2
0.5°	418.5	418.2	418.5	418.3	418.5	417.5
1°	418.2	418.3	418.2	418.3	418.6	417.6
1.5°	418.1	418.4	418.1	418.4	418.1	417.6
2°	417.8	418.4	417.8	418.1	418.1	417.4
2.5°	417.8	417.7	417.8	418.0	418.0	417.2
3°	417.8	417.6	417.8	417.5	418.0	416.8
3.5°	417.7	417.7	417.7	417.0	417.7	416.9
4°	417.1	417.5	417.1	416.8	417.3	416.4
4.5°	416.8	417.3	416.8	416.7	416.8	416.1
5°	416.5	416.8	416.5	416.3	416.8	415.6
5.5°	416.4	416.1	416.4	416.1	416.4	415.4
6°	415.7	416.0	415.7	415.4	416.0	415.3
6.5°	415.2	415.2	415.2	415.1	415.5	414.9
7°	414.6	415.2	414.6	414.4	414.9	414.4
7.5°	414.2	414.3	414.2	414.1	414.5	413.6
8°	413.3	414.0	413.3	413.5	413.8	413.2
8.5°	413.1	413.2	413.1	412.8	413.3	412.7
9°	412.7	412.7	412.7	412.1	412.9	412.0
9.5°	411.7	411.5	411.7	411.4	411.9	411.1
10°	411.3	411.3	411.3	410.6	411.5	410.5
10.5°	410.7	410.8	410.7	410.1	410.7	409.7
11°	410.0	410.1	410.0	409.6	409.9	409.2
11.5°	409.0	409.2	409.0	408.9	409.1	408.5
12°	408.2	408.4	408.2	407.7	408.3	408.0
12.5°	407.4	407.2	407.4	407.1	407.6	407.2
13°	406.4	406.7	406.4	406.4	406.8	405.9
13.5°	405.7	405.4	405.7	405.3	405.6	405.0
14°	404.6	404.5	404.6	404.4	404.8	404.3
14.5°	403.6	403.4	403.6	403.1	403.8	403.0
15°	402.6	402.5	402.6	402.3	402.7	402.1
15.5°	401.5	400.9	401.5	401.3	401.6	400.7
16°	400.5	400.5	400.5	399.8	400.7	399.6
16.5°	399.1	399.2	399.1	398.9	399.3	398.1
17°	397.9	398.1	397.9	398.1	397.9	397.4
17.5°	397.0	396.7	397.0	396.9	396.7	396.3
18°	395.5	395.7	395.5	395.4	395.8	394.6
18.5°	394.6	393.9	394.6	394.3	394.6	394.0
19°	393.1	393.0	393.1	392.7	393.5	392.6
19.5°	391.6	391.8	391.6	391.6	391.8	391.3
20°	390.5	390.5	390.5	390.1	390.7	389.9
20.5°	389.0	388.8	389.0	388.8	388.8	388.4
21°	387.3	387.6	387.3	387.4	387.4	386.7

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997199

CATALOG NUMBER: SMX6SLSFS010-1200LM-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	382.9	383.4	382.9	382.8	383.0	382.6
23°	381.1	381.5	381.1	381.3	381.0	380.7
23.5°	379.8	379.7	379.8	379.3	380.0	379.1
24°	378.1	378.4	378.1	378.2	378.4	377.4
24.5°	376.6	376.3	376.6	376.6	376.9	376.1
25°	374.8	374.9	374.8	374.7	375.3	374.4
25.5°	373.0	373.1	373.0	373.1	373.3	372.6
26°	371.1	371.6	371.1	371.3	371.6	370.8
26.5°	369.3	369.6	369.3	369.5	369.8	369.4
27°	367.7	368.3	367.7	367.5	367.9	367.0
27.5°	366.1	366.0	366.1	365.9	366.1	366.0
28°	364.2	364.0	364.2	364.0	364.1	363.5
28.5°	362.4	362.1	362.4	362.1	362.4	361.8
29°	360.4	360.3	360.4	360.6	360.5	360.0
29.5°	358.5	358.5	358.5	358.4	358.4	357.4
30°	356.4	356.1	356.4	356.1	356.5	355.8
30.5°	354.1	354.5	354.1	354.4	354.7	354.1
31°	352.5	352.4	352.5	351.9	352.6	351.8
31.5°	350.5	350.0	350.5	349.9	350.5	349.9
32°	348.4	348.5	348.4	347.8	348.3	347.5
32.5°	346.4	346.2	346.4	346.0	345.9	345.8
33°	343.9	343.9	343.9	343.7	344.3	343.3
33.5°	341.5	341.9	341.5	341.8	342.1	341.8
34°	339.6	339.4	339.6	339.7	339.9	339.3
34.5°	337.4	337.1	337.4	337.1	337.7	336.8
35°	335.3	335.1	335.3	335.0	335.4	334.7
35.5°	332.7	333.1	332.7	332.6	332.9	332.7
36°	330.6	330.7	330.6	330.3	330.5	330.0
36.5°	328.4	328.3	328.4	328.1	328.1	327.9
37°	325.7	326.0	325.7	325.5	325.8	325.5
37.5°	323.4	323.4	323.4	323.5	323.4	323.0
38°	321.0	320.8	321.0	320.8	321.2	320.5
38.5°	318.6	318.4	318.6	318.5	318.4	318.2
39°	316.1	315.8	316.1	316.1	315.8	315.7
39.5°	313.6	313.8	313.6	313.6	313.4	312.9
40°	311.0	311.0	311.0	310.9	310.9	310.7
40.5°	308.4	308.3	308.4	308.3	308.6	308.3
41°	306.1	305.9	306.1	305.6	306.0	305.4
41.5°	303.3	303.1	303.3	303.0	303.4	302.6
42°	300.7	300.4	300.7	300.5	300.9	300.1
42.5°	298.0	297.9	298.0	297.9	298.1	297.5
43°	295.3	295.1	295.3	295.1	295.5	294.8
43.5°	292.7	292.6	292.7	292.6	292.8	292.2

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997199

CATALOG NUMBER: SMX6SLSFS010-1200LM-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	284.6	284.4	284.6	284.3	284.6	283.7
45.5°	281.6	281.7	281.6	281.5	281.7	280.9
46°	278.7	278.7	278.7	278.7	278.6	278.6
46.5°	276.1	275.9	276.1	275.7	276.2	275.5
47°	273.2	272.8	273.2	272.9	273.1	272.5
47.5°	270.3	270.3	270.3	269.9	270.5	269.7
48°	267.4	267.4	267.4	266.9	267.4	267.0
48.5°	264.4	264.2	264.4	264.1	264.6	264.0
49°	261.4	261.2	261.4	261.2	261.5	260.9
49.5°	258.3	258.2	258.3	258.3	258.6	257.8
50°	255.5	255.5	255.5	255.3	255.4	255.0
50.5°	252.5	252.5	252.5	252.3	252.4	251.9
51°	249.4	249.4	249.4	249.1	249.4	248.9
51.5°	246.5	246.2	246.5	246.0	246.3	245.8
52°	243.3	243.1	243.3	243.0	243.2	242.8
52.5°	240.2	240.1	240.2	239.8	240.2	239.7
53°	237.0	237.0	237.0	236.7	237.1	236.7
53.5°	233.8	233.9	233.8	233.5	233.8	233.4
54°	230.6	230.6	230.6	230.4	230.7	230.2
54.5°	227.4	227.5	227.4	227.3	227.5	227.1
55°	224.3	224.4	224.3	224.1	224.3	224.0
55.5°	220.9	221.0	220.9	220.9	221.1	220.7
56°	217.7	217.6	217.7	217.6	217.8	217.3
56.5°	214.5	214.5	214.5	214.4	214.6	214.1
57°	211.2	211.0	211.2	211.0	211.3	210.8
57.5°	208.0	207.8	208.0	207.6	207.9	207.5
58°	204.5	204.6	204.5	204.3	204.6	204.3
58.5°	201.3	201.2	201.3	201.0	201.3	200.7
59°	197.8	197.7	197.8	197.6	197.8	197.2
59.5°	194.2	194.3	194.2	194.2	194.6	194.0
60°	190.8	190.9	190.8	190.8	191.1	190.8
60.5°	187.6	187.7	187.6	187.4	187.6	187.4
61°	184.1	184.0	184.1	184.0	184.2	183.9
61.5°	180.7	180.7	180.7	180.5	180.8	180.5
62°	177.1	177.3	177.1	177.1	177.3	177.0
62.5°	173.8	173.8	173.8	173.5	173.8	173.4
63°	170.2	170.0	170.2	170.0	170.3	170.0
63.5°	166.6	166.5	166.6	166.4	166.7	166.4
64°	163.0	163.1	163.0	162.9	163.1	162.9
64.5°	159.4	159.4	159.4	159.2	159.6	159.4
65°	156.1	156.1	156.1	155.7	155.9	155.7
65.5°	152.5	152.6	152.5	152.3	152.4	152.3
66°	148.7	148.6	148.7	148.6	148.9	148.6

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997199

CATALOG NUMBER: SMX6SLSFS010-1200LM-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	137.8	138.0	137.8	137.8	138.0	137.8
68°	134.2	134.4	134.2	134.0	134.2	134.2
68.5°	130.6	130.6	130.6	130.3	130.7	130.5
69°	126.9	126.8	126.9	126.8	127.0	126.8
69.5°	123.2	123.3	123.2	123.1	123.1	123.1
70°	119.5	119.5	119.5	119.4	119.6	119.3
70.5°	115.9	115.8	115.9	115.7	116.0	115.7
71°	112.2	112.1	112.2	111.9	112.1	112.0
71.5°	108.4	108.3	108.4	108.3	108.4	108.2
72°	104.7	104.8	104.7	104.5	104.7	104.5
72.5°	100.9	101.0	100.9	100.7	101.0	100.8
73°	97.2	97.2	97.2	97.0	97.3	97.1
73.5°	93.5	93.6	93.5	93.5	93.6	93.3
74°	89.8	89.8	89.8	89.7	89.8	89.6
74.5°	86.1	86.3	86.1	86.1	86.3	85.9
75°	82.5	82.6	82.5	82.4	82.6	82.2
75.5°	78.9	78.9	78.9	78.9	79.1	78.6
76°	75.3	75.3	75.3	75.3	75.2	75.0
76.5°	71.6	71.7	71.6	71.5	71.6	71.4
77°	68.1	68.0	68.1	68.0	68.0	67.8
77.5°	64.4	64.4	64.4	64.4	64.4	64.3
78°	61.0	61.0	61.0	60.9	60.9	60.6
78.5°	57.5	57.5	57.5	57.4	57.4	57.1
79°	54.0	54.0	54.0	53.9	53.9	53.7
79.5°	50.7	50.6	50.7	50.5	50.6	50.3
80°	47.3	47.3	47.3	47.3	47.2	47.1
80.5°	44.0	44.1	44.0	44.0	44.0	43.9
81°	40.8	40.9	40.8	40.8	40.7	40.7
81.5°	37.6	37.7	37.6	37.7	37.5	37.4
82°	34.5	34.5	34.5	34.4	34.4	34.3
82.5°	31.4	31.5	31.4	31.4	31.3	31.2
83°	28.4	28.5	28.4	28.4	28.3	28.1
83.5°	25.6	25.6	25.6	25.5	25.3	25.1
84°	22.8	22.8	22.8	22.7	22.6	22.3
84.5°	20.2	20.1	20.2	20.1	19.9	19.9
85°	17.7	17.6	17.7	17.6	17.5	17.4
85.5°	15.4	15.2	15.4	15.3	15.1	14.9
86°	13.2	13.0	13.2	13.0	12.9	12.8
86.5°	11.2	11.0	11.2	11.0	10.9	10.7
87°	9.4	9.2	9.4	9.2	9.0	8.8
87.5°	7.7	7.6	7.7	7.6	7.3	7.1
88°	6.2	6.0	6.2	6.1	6.0	5.7
88.5°	4.9	4.7	4.9	4.9	4.6	4.5

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Scaled Data Report



TEST NUMBER: P997199
CATALOG NUMBER: SMX6SLSFS010-1200LM-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
90°	0.0	0.0	0.0	0.0	0.0	0.0

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Scaled Data Report

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Report Generated By 670245859 / DESKTOP-T8S5UU9

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

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21.5°	384.7	385.7	385.8	385.7	386.2	385.7	385.8	385.7	384.7	385.7	385.8
22°	383.7	384.6	384.4	384.4	384.8	384.4	384.4	384.6	383.7	384.6	384.4



44°	289.4	289.8	289.7	290.0	289.9	290.0	289.7	289.8	289.4	289.8	289.7
44.5°	286.6	287.3	287.1	287.1	287.2	287.1	287.1	287.3	286.6	287.3	287.1



66.5°	145.1	145.3	145.0	145.2	145.2	145.2	145.0	145.3	145.1	145.3	145.0
67°	141.4	141.6	141.4	141.5	141.6	141.5	141.4	141.6	141.4	141.6	141.4



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°	385.7	386.2	385.7	385.8	385.7	384.7
22°	384.4	384.8	384.4	384.4	384.6	383.7

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44°	290.0	289.9	290.0	289.7	289.8	289.4
44.5°	287.1	287.2	287.1	287.1	287.3	286.6

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66.5°	145.2	145.2	145.2	145.0	145.3	145.1
67°	141.5	141.6	141.5	141.4	141.6	141.4

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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)