

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: P997197

Luminaire Tested: **SMX6SLSFS010-1200LM-3000K**

Issue Date: 3/11/2025



Test Information

Test Method: LM-41-14
Report Number: P997197
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-3000K
Description: 6IN SQAURE, 90CRI, 0-10V DIMMING, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 3000K CCT
Ballast/Driver: -

Summary

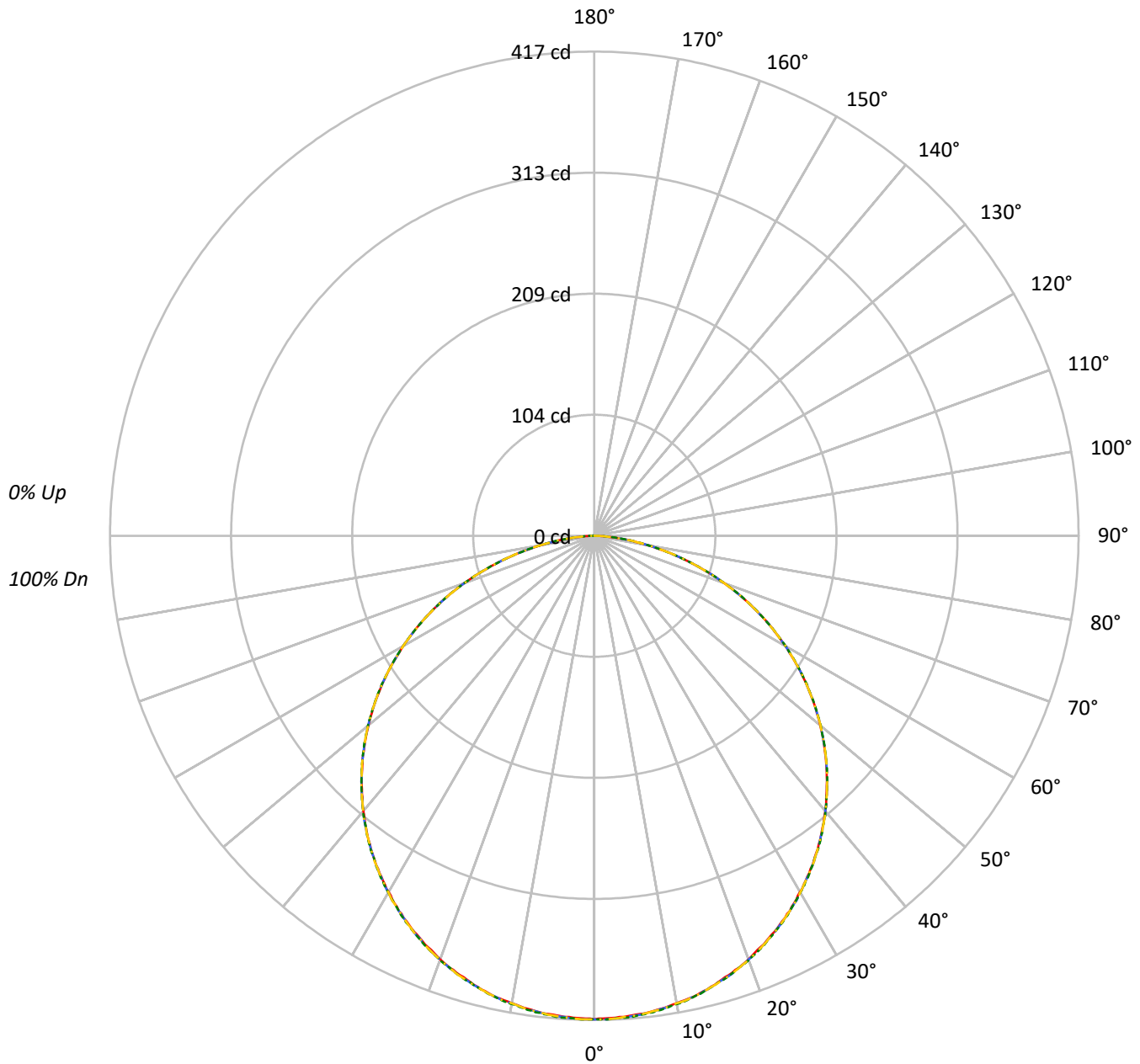
Lumens per Lamp: N/A
Luminaire Lumens: 1213.0 lumens
Efficiency: N/A
Efficacy: 97.8 lumens/watt
Spacing Criteria (0/90/45): 1.27 / 1.27 / 1.39
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
CIE Type: Direct

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°	17933	17933	17933	17933
5°	17889	17941	17889	17941
10°	17873	17908	17873	17908
15°	17848	17865	17848	17865
20°	17791	17819	17791	17819
25°	17715	17739	17715	17739
30°	17615	17634	17615	17634
35°	17519	17540	17519	17540
40°	17390	17407	17390	17407
45°	17207	17244	17207	17244
50°	17014	17047	17014	17047
55°	16747	16777	16747	16777
60°	16361	16370	16361	16370
65°	15801	15842	15801	15842
70°	14955	14980	14955	14980
75°	13624	13674	13624	13674
80°	11629	11678	11629	11678
85°	8546	8645	8546	8645

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°	39.4	3.2
10°-20°	113.1	9.3
20°-30°	172.0	14.2
30°-40°	208.7	17.2
40°-50°	218.4	18.0
50°-60°	199.4	16.4
60°-70°	153.4	12.6
70°-80°	86.9	7.2
80°-90°	21.6	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°	324.6	26.8
0°-40°	533.3	44.0
0°-60°	951.1	78.4
0°-90°	1213.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1213.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	416	416	416	416	416	
5°	414	415	414	415	414	39
15°	400	401	400	401	400	113
25°	373	373	373	373	373	172
35°	333	334	333	334	333	209
45°	283	283	283	283	283	218
55°	223	224	223	224	223	199
65°	155	156	155	156	155	153
75°	82	82	82	82	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°	416.5	416.5	416.5	416.5	416.5	416.5	416.5	416.5	416.5	416.5	416.5
0.5°	415.8	416.8	416.6	416.8	416.5	416.8	416.6	416.8	415.8	416.8	416.6
1°	415.9	416.9	416.6	416.5	416.6	416.5	416.6	416.9	415.9	416.9	416.6
1.5°	415.8	416.4	416.7	416.4	416.7	416.4	416.7	416.4	415.8	416.4	416.7
2°	415.7	416.3	416.4	416.1	416.6	416.1	416.4	416.3	415.7	416.3	416.4
2.5°	415.5	416.3	416.3	416.1	415.9	416.1	416.3	416.3	415.5	416.3	416.3
3°	415.1	416.2	415.8	416.1	415.9	416.1	415.8	416.2	415.1	416.2	415.8
3.5°	415.2	415.9	415.2	416.0	416.0	416.0	415.2	415.9	415.2	415.9	415.2
4°	414.7	415.5	415.1	415.4	415.8	415.4	415.1	415.5	414.7	415.5	415.1
4.5°	414.4	415.1	415.0	415.1	415.6	415.1	415.0	415.1	414.4	415.1	415.0
5°	413.9	415.1	414.6	414.8	415.1	414.8	414.6	415.1	413.9	415.1	414.6
5.5°	413.7	414.7	414.4	414.7	414.4	414.7	414.4	414.7	413.7	414.7	414.4
6°	413.6	414.3	413.7	414.0	414.3	414.0	413.7	414.3	413.6	414.3	413.7
6.5°	413.2	413.8	413.4	413.5	413.5	413.5	413.4	413.8	413.2	413.8	413.4
7°	412.7	413.2	412.7	412.9	413.5	412.9	412.7	413.2	412.7	413.2	412.7
7.5°	411.9	412.8	412.4	412.5	412.6	412.5	412.4	412.8	411.9	412.8	412.4
8°	411.5	412.1	411.8	411.6	412.3	411.6	411.8	412.1	411.5	412.1	411.8
8.5°	411.0	411.6	411.2	411.4	411.6	411.4	411.2	411.6	411.0	411.6	411.2
9°	410.3	411.2	410.4	411.0	411.0	411.0	410.4	411.2	410.3	411.2	410.4
9.5°	409.4	410.2	409.7	410.0	409.8	410.0	409.7	410.2	409.4	410.2	409.7
10°	408.8	409.9	408.9	409.6	409.6	409.6	408.9	409.9	408.8	409.9	408.9
10.5°	408.0	409.0	408.4	409.0	409.1	409.0	408.4	409.0	408.0	409.0	408.4
11°	407.6	408.3	407.9	408.4	408.4	408.4	407.9	408.3	407.6	408.3	407.9
11.5°	406.8	407.4	407.2	407.3	407.6	407.3	407.2	407.4	406.8	407.4	407.2
12°	406.3	406.7	406.1	406.5	406.7	406.5	406.1	406.7	406.3	406.7	406.1
12.5°	405.5	406.0	405.4	405.7	405.5	405.7	405.4	406.0	405.5	406.0	405.4
13°	404.3	405.1	404.8	404.8	405.1	404.8	404.8	405.1	404.3	405.1	404.8
13.5°	403.3	403.9	403.6	404.0	403.8	404.0	403.6	403.9	403.3	403.9	403.6
14°	402.6	403.1	402.7	402.9	402.8	402.9	402.7	403.1	402.6	403.1	402.7
14.5°	401.3	402.1	401.5	401.9	401.7	401.9	401.5	402.1	401.3	402.1	401.5
15°	400.4	401.0	400.7	400.9	400.8	400.9	400.7	401.0	400.4	401.0	400.7
15.5°	399.1	399.9	399.6	399.9	399.2	399.9	399.6	399.9	399.1	399.9	399.6
16°	397.9	399.1	398.2	398.9	398.8	398.9	398.2	399.1	397.9	399.1	398.2
16.5°	396.4	397.6	397.3	397.5	397.5	397.5	397.3	397.6	396.4	397.6	397.3
17°	395.8	396.3	396.5	396.3	396.5	396.3	396.5	396.3	395.8	396.3	396.5
17.5°	394.7	395.1	395.3	395.4	395.0	395.4	395.3	395.1	394.7	395.1	395.3
18°	393.0	394.1	393.8	393.9	394.1	393.9	393.8	394.1	393.0	394.1	393.8
18.5°	392.4	393.0	392.7	393.0	392.3	393.0	392.7	393.0	392.4	393.0	392.7
19°	391.0	391.9	391.1	391.4	391.4	391.4	391.1	391.9	391.0	391.9	391.1
19.5°	389.7	390.2	390.0	390.0	390.2	390.0	390.0	390.2	389.7	390.2	390.0
20°	388.3	389.1	388.5	388.9	388.9	388.9	388.5	389.1	388.3	389.1	388.5
20.5°	386.8	387.3	387.2	387.4	387.2	387.4	387.2	387.3	386.8	387.3	387.2
21°	385.1	385.8	385.8	385.7	386.0	385.7	385.8	385.8	385.1	385.8	385.8

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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°	381.0	381.5	381.3	381.3	381.8	381.3	381.3	381.5	381.0	381.5	381.3
23°	379.1	379.4	379.7	379.5	380.0	379.5	379.7	379.4	379.1	379.4	379.7
23.5°	377.5	378.5	377.7	378.2	378.2	378.2	377.7	378.5	377.5	378.5	377.7
24°	375.8	376.8	376.7	376.6	376.8	376.6	376.7	376.8	375.8	376.8	376.7
24.5°	374.5	375.4	375.0	375.0	374.8	375.0	375.0	375.4	374.5	375.4	375.0
25°	372.9	373.7	373.1	373.3	373.4	373.3	373.1	373.7	372.9	373.7	373.1
25.5°	371.1	371.8	371.6	371.5	371.6	371.5	371.6	371.8	371.1	371.8	371.6
26°	369.3	370.1	369.7	369.6	370.1	369.6	369.7	370.1	369.3	370.1	369.7
26.5°	367.9	368.3	368.0	367.8	368.1	367.8	368.0	368.3	367.9	368.3	368.0
27°	365.5	366.4	366.0	366.2	366.8	366.2	366.0	366.4	365.5	366.4	366.0
27.5°	364.5	364.6	364.4	364.6	364.5	364.6	364.4	364.6	364.5	364.6	364.4
28°	362.0	362.6	362.5	362.7	362.5	362.7	362.5	362.6	362.0	362.6	362.5
28.5°	360.3	361.0	360.6	360.9	360.6	360.9	360.6	361.0	360.3	361.0	360.6
29°	358.5	359.0	359.1	358.9	358.8	358.9	359.1	359.0	358.5	359.0	359.1
29.5°	355.9	357.0	356.9	357.0	357.0	357.0	356.9	357.0	355.9	357.0	356.9
30°	354.3	355.0	354.6	354.9	354.7	354.9	354.6	355.0	354.3	355.0	354.6
30.5°	352.7	353.3	352.9	352.7	353.1	352.7	352.9	353.3	352.7	353.3	352.9
31°	350.3	351.2	350.5	351.1	351.0	351.1	350.5	351.2	350.3	351.2	350.5
31.5°	348.4	349.1	348.5	349.0	348.6	349.0	348.5	349.1	348.4	349.1	348.5
32°	346.1	346.9	346.4	347.0	347.1	347.0	346.4	346.9	346.1	346.9	346.4
32.5°	344.4	344.5	344.6	345.0	344.8	345.0	344.6	344.5	344.4	344.5	344.6
33°	341.9	342.9	342.3	342.5	342.5	342.5	342.3	342.9	341.9	342.9	342.3
33.5°	340.4	340.7	340.4	340.1	340.5	340.1	340.4	340.7	340.4	340.7	340.4
34°	337.9	338.5	338.3	338.2	338.0	338.2	338.3	338.5	337.9	338.5	338.3
34.5°	335.5	336.3	335.8	336.0	335.7	336.0	335.8	336.3	335.5	336.3	335.8
35°	333.3	334.0	333.6	333.9	333.7	333.9	333.6	334.0	333.3	334.0	333.6
35.5°	331.3	331.5	331.3	331.3	331.8	331.3	331.3	331.5	331.3	331.5	331.3
36°	328.7	329.2	328.9	329.3	329.3	329.3	328.9	329.2	328.7	329.2	328.9
36.5°	326.6	326.8	326.7	327.1	327.0	327.1	326.7	326.8	326.6	326.8	326.7
37°	324.2	324.5	324.2	324.4	324.6	324.4	324.2	324.5	324.2	324.5	324.2
37.5°	321.7	322.1	322.1	322.1	322.1	322.1	322.1	322.1	321.7	322.1	322.1
38°	319.2	319.9	319.5	319.7	319.4	319.7	319.5	319.9	319.2	319.9	319.5
38.5°	316.9	317.1	317.2	317.3	317.1	317.3	317.2	317.1	316.9	317.1	317.2
39°	314.4	314.5	314.8	314.8	314.5	314.8	314.8	314.5	314.4	314.5	314.8
39.5°	311.7	312.1	312.3	312.3	312.5	312.3	312.3	312.1	311.7	312.1	312.3
40°	309.4	309.7	309.7	309.8	309.7	309.8	309.7	309.7	309.4	309.7	309.7
40.5°	307.0	307.4	307.1	307.1	307.0	307.1	307.1	307.4	307.0	307.4	307.1
41°	304.2	304.7	304.4	304.8	304.6	304.8	304.4	304.7	304.2	304.7	304.4
41.5°	301.4	302.2	301.8	302.1	301.8	302.1	301.8	302.2	301.4	302.2	301.8
42°	298.9	299.7	299.3	299.4	299.1	299.4	299.3	299.7	298.9	299.7	299.3
42.5°	296.3	296.9	296.6	296.8	296.7	296.8	296.6	296.9	296.3	296.9	296.6
43°	293.6	294.3	293.9	294.1	293.9	294.1	293.9	294.3	293.6	294.3	293.9
43.5°	291.0	291.6	291.4	291.5	291.4	291.5	291.4	291.6	291.0	291.6	291.4

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	282.6	283.4	283.1	283.4	283.2	283.4	283.1	283.4	282.6	283.4	283.1
45.5°	279.8	280.5	280.4	280.4	280.5	280.4	280.4	280.5	279.8	280.5	280.4
46°	277.4	277.5	277.5	277.6	277.5	277.6	277.5	277.5	277.4	277.5	277.5
46.5°	274.4	275.0	274.6	274.9	274.8	274.9	274.6	275.0	274.4	275.0	274.6
47°	271.4	272.0	271.8	272.0	271.7	272.0	271.8	272.0	271.4	272.0	271.8
47.5°	268.6	269.4	268.8	269.2	269.2	269.2	268.8	269.4	268.6	269.4	268.8
48°	265.9	266.3	265.9	266.3	266.3	266.3	265.9	266.3	265.9	266.3	265.9
48.5°	262.9	263.6	263.0	263.3	263.2	263.3	263.0	263.6	262.9	263.6	263.0
49°	259.8	260.4	260.2	260.3	260.1	260.3	260.2	260.4	259.8	260.4	260.2
49.5°	256.7	257.5	257.2	257.3	257.1	257.3	257.2	257.5	256.7	257.5	257.2
50°	254.0	254.4	254.2	254.5	254.5	254.5	254.2	254.4	254.0	254.4	254.2
50.5°	250.8	251.4	251.2	251.4	251.4	251.4	251.2	251.4	250.8	251.4	251.2
51°	247.9	248.4	248.1	248.3	248.3	248.3	248.1	248.4	247.9	248.4	248.1
51.5°	244.8	245.3	245.0	245.4	245.2	245.4	245.0	245.3	244.8	245.3	245.0
52°	241.8	242.2	242.0	242.3	242.1	242.3	242.0	242.2	241.8	242.2	242.0
52.5°	238.8	239.2	238.8	239.2	239.1	239.2	238.8	239.2	238.8	239.2	238.8
53°	235.7	236.1	235.7	236.0	236.0	236.0	235.7	236.1	235.7	236.1	235.7
53.5°	232.4	232.9	232.6	232.9	232.9	232.9	232.6	232.9	232.4	232.9	232.6
54°	229.3	229.7	229.4	229.7	229.7	229.7	229.4	229.7	229.3	229.7	229.4
54.5°	226.2	226.5	226.3	226.5	226.5	226.5	226.3	226.5	226.2	226.5	226.3
55°	223.1	223.4	223.2	223.3	223.5	223.3	223.2	223.4	223.1	223.4	223.2
55.5°	219.8	220.2	220.0	220.0	220.1	220.0	220.0	220.2	219.8	220.2	220.0
56°	216.5	216.9	216.7	216.8	216.7	216.8	216.7	216.9	216.5	216.9	216.7
56.5°	213.2	213.7	213.5	213.6	213.6	213.6	213.5	213.7	213.2	213.7	213.5
57°	210.0	210.4	210.1	210.4	210.1	210.4	210.1	210.4	210.0	210.4	210.1
57.5°	206.6	207.0	206.8	207.1	206.9	207.1	206.8	207.0	206.6	207.0	206.8
58°	203.5	203.7	203.5	203.6	203.7	203.6	203.5	203.7	203.5	203.7	203.5
58.5°	199.9	200.5	200.2	200.5	200.4	200.5	200.2	200.5	199.9	200.5	200.2
59°	196.4	197.0	196.8	197.0	196.9	197.0	196.8	197.0	196.4	197.0	196.8
59.5°	193.2	193.8	193.4	193.4	193.5	193.4	193.4	193.8	193.2	193.8	193.4
60°	190.0	190.3	190.0	190.1	190.1	190.1	190.0	190.3	190.0	190.3	190.0
60.5°	186.6	186.8	186.6	186.8	187.0	186.8	186.6	186.8	186.6	186.8	186.6
61°	183.2	183.4	183.2	183.4	183.3	183.4	183.2	183.4	183.2	183.4	183.2
61.5°	179.8	180.1	179.8	179.9	180.0	179.9	179.8	180.1	179.8	180.1	179.8
62°	176.3	176.6	176.4	176.4	176.5	176.4	176.4	176.6	176.3	176.6	176.4
62.5°	172.7	173.1	172.8	173.1	173.1	173.1	172.8	173.1	172.7	173.1	172.8
63°	169.3	169.6	169.3	169.5	169.3	169.5	169.3	169.6	169.3	169.6	169.3
63.5°	165.7	166.1	165.7	165.9	165.8	165.9	165.7	166.1	165.7	166.1	165.7
64°	162.2	162.5	162.2	162.4	162.5	162.4	162.2	162.5	162.2	162.5	162.2
64.5°	158.7	159.0	158.6	158.8	158.8	158.8	158.6	159.0	158.7	159.0	158.6
65°	155.1	155.2	155.1	155.4	155.5	155.4	155.1	155.2	155.1	155.2	155.1
65.5°	151.7	151.8	151.7	151.8	151.9	151.8	151.7	151.8	151.7	151.8	151.7
66°	148.0	148.2	148.0	148.1	148.0	148.1	148.0	148.2	148.0	148.2	148.0

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997197

CATALOG NUMBER: SMX6SLSFS010-1200LM-3000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	137.3	137.4	137.3	137.3	137.4	137.3	137.3	137.4	137.3	137.4	137.3
68°	133.6	133.6	133.4	133.7	133.9	133.7	133.4	133.6	133.6	133.6	133.4
68.5°	130.0	130.2	129.8	130.0	130.0	130.0	129.8	130.2	130.0	130.2	129.8
69°	126.3	126.4	126.3	126.4	126.3	126.4	126.3	126.4	126.3	126.4	126.3
69.5°	122.6	122.6	122.6	122.6	122.8	122.6	122.6	122.6	122.6	122.6	122.6
70°	118.8	119.1	118.9	119.0	119.0	119.0	118.9	119.1	118.8	119.1	118.9
70.5°	115.2	115.5	115.2	115.4	115.3	115.4	115.2	115.5	115.2	115.5	115.2
71°	111.5	111.6	111.5	111.7	111.6	111.7	111.5	111.6	111.5	111.6	111.5
71.5°	107.8	108.0	107.8	107.9	107.9	107.9	107.8	108.0	107.8	108.0	107.8
72°	104.1	104.3	104.1	104.2	104.3	104.2	104.1	104.3	104.1	104.3	104.1
72.5°	100.4	100.6	100.3	100.5	100.6	100.5	100.3	100.6	100.4	100.6	100.3
73°	96.7	96.9	96.7	96.8	96.8	96.8	96.7	96.9	96.7	96.9	96.7
73.5°	92.9	93.2	93.1	93.1	93.2	93.1	93.1	93.2	92.9	93.2	93.1
74°	89.2	89.5	89.4	89.5	89.4	89.5	89.4	89.5	89.2	89.5	89.4
74.5°	85.6	85.9	85.8	85.7	85.9	85.7	85.8	85.9	85.6	85.9	85.8
75°	81.9	82.3	82.1	82.2	82.2	82.2	82.1	82.3	81.9	82.3	82.1
75.5°	78.3	78.7	78.5	78.6	78.6	78.6	78.5	78.7	78.3	78.7	78.5
76°	74.7	74.9	75.0	75.0	75.0	75.0	75.0	74.9	74.7	74.9	75.0
76.5°	71.1	71.3	71.2	71.3	71.4	71.3	71.2	71.3	71.1	71.3	71.2
77°	67.5	67.8	67.7	67.8	67.7	67.8	67.7	67.8	67.5	67.8	67.7
77.5°	64.0	64.1	64.2	64.2	64.1	64.2	64.2	64.1	64.0	64.1	64.2
78°	60.4	60.7	60.6	60.7	60.7	60.7	60.6	60.7	60.4	60.7	60.6
78.5°	56.9	57.1	57.1	57.3	57.3	57.3	57.1	57.1	56.9	57.1	57.1
79°	53.4	53.7	53.7	53.8	53.8	53.8	53.7	53.7	53.4	53.7	53.7
79.5°	50.1	50.4	50.3	50.4	50.4	50.4	50.3	50.4	50.1	50.4	50.3
80°	46.9	47.0	47.1	47.1	47.1	47.1	47.1	47.0	46.9	47.0	47.1
80.5°	43.7	43.8	43.8	43.8	43.9	43.8	43.8	43.8	43.7	43.8	43.8
81°	40.5	40.5	40.6	40.6	40.7	40.6	40.6	40.5	40.5	40.5	40.6
81.5°	37.3	37.4	37.5	37.4	37.5	37.4	37.5	37.4	37.3	37.4	37.5
82°	34.1	34.2	34.3	34.3	34.4	34.3	34.3	34.2	34.1	34.2	34.3
82.5°	31.1	31.2	31.2	31.3	31.4	31.3	31.2	31.2	31.1	31.2	31.2
83°	28.0	28.2	28.3	28.3	28.4	28.3	28.3	28.2	28.0	28.2	28.3
83.5°	25.0	25.2	25.4	25.5	25.5	25.5	25.4	25.2	25.0	25.2	25.4
84°	22.2	22.5	22.6	22.8	22.7	22.8	22.6	22.5	22.2	22.5	22.6
84.5°	19.8	19.9	20.0	20.1	20.0	20.1	20.0	19.9	19.8	19.9	20.0
85°	17.3	17.4	17.5	17.6	17.5	17.6	17.5	17.4	17.3	17.4	17.5
85.5°	14.9	15.1	15.2	15.3	15.2	15.3	15.2	15.1	14.9	15.1	15.2
86°	12.7	12.8	13.0	13.2	13.0	13.2	13.0	12.8	12.7	12.8	13.0
86.5°	10.6	10.8	11.0	11.1	11.0	11.1	11.0	10.8	10.6	10.8	11.0
87°	8.8	9.0	9.2	9.3	9.1	9.3	9.2	9.0	8.8	9.0	9.2
87.5°	7.1	7.3	7.5	7.7	7.5	7.7	7.5	7.3	7.1	7.3	7.5
88°	5.7	5.9	6.1	6.2	5.9	6.2	6.1	5.9	5.7	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: P997197
CATALOG NUMBER: SMX6SLSFS010-1200LM-3000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997197

CATALOG NUMBER: SMX6SLSFS010-1200LM-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	416.5	416.5	416.5	416.5	416.5	416.5
0.5°	416.8	416.5	416.8	416.6	416.8	415.8
1°	416.5	416.6	416.5	416.6	416.9	415.9
1.5°	416.4	416.7	416.4	416.7	416.4	415.8
2°	416.1	416.6	416.1	416.4	416.3	415.7
2.5°	416.1	415.9	416.1	416.3	416.3	415.5
3°	416.1	415.9	416.1	415.8	416.2	415.1
3.5°	416.0	416.0	416.0	415.2	415.9	415.2
4°	415.4	415.8	415.4	415.1	415.5	414.7
4.5°	415.1	415.6	415.1	415.0	415.1	414.4
5°	414.8	415.1	414.8	414.6	415.1	413.9
5.5°	414.7	414.4	414.7	414.4	414.7	413.7
6°	414.0	414.3	414.0	413.7	414.3	413.6
6.5°	413.5	413.5	413.5	413.4	413.8	413.2
7°	412.9	413.5	412.9	412.7	413.2	412.7
7.5°	412.5	412.6	412.5	412.4	412.8	411.9
8°	411.6	412.3	411.6	411.8	412.1	411.5
8.5°	411.4	411.6	411.4	411.2	411.6	411.0
9°	411.0	411.0	411.0	410.4	411.2	410.3
9.5°	410.0	409.8	410.0	409.7	410.2	409.4
10°	409.6	409.6	409.6	408.9	409.9	408.8
10.5°	409.0	409.1	409.0	408.4	409.0	408.0
11°	408.4	408.4	408.4	407.9	408.3	407.6
11.5°	407.3	407.6	407.3	407.2	407.4	406.8
12°	406.5	406.7	406.5	406.1	406.7	406.3
12.5°	405.7	405.5	405.7	405.4	406.0	405.5
13°	404.8	405.1	404.8	404.8	405.1	404.3
13.5°	404.0	403.8	404.0	403.6	403.9	403.3
14°	402.9	402.8	402.9	402.7	403.1	402.6
14.5°	401.9	401.7	401.9	401.5	402.1	401.3
15°	400.9	400.8	400.9	400.7	401.0	400.4
15.5°	399.9	399.2	399.9	399.6	399.9	399.1
16°	398.9	398.8	398.9	398.2	399.1	397.9
16.5°	397.5	397.5	397.5	397.3	397.6	396.4
17°	396.3	396.5	396.3	396.5	396.3	395.8
17.5°	395.4	395.0	395.4	395.3	395.1	394.7
18°	393.9	394.1	393.9	393.8	394.1	393.0
18.5°	393.0	392.3	393.0	392.7	393.0	392.4
19°	391.4	391.4	391.4	391.1	391.9	391.0
19.5°	390.0	390.2	390.0	390.0	390.2	389.7
20°	388.9	388.9	388.9	388.5	389.1	388.3
20.5°	387.4	387.2	387.4	387.2	387.3	386.8
21°	385.7	386.0	385.7	385.8	385.8	385.1

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997197

CATALOG NUMBER: SMX6SLSFS010-1200LM-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	381.3	381.8	381.3	381.3	381.5	381.0
23°	379.5	380.0	379.5	379.7	379.4	379.1
23.5°	378.2	378.2	378.2	377.7	378.5	377.5
24°	376.6	376.8	376.6	376.7	376.8	375.8
24.5°	375.0	374.8	375.0	375.0	375.4	374.5
25°	373.3	373.4	373.3	373.1	373.7	372.9
25.5°	371.5	371.6	371.5	371.6	371.8	371.1
26°	369.6	370.1	369.6	369.7	370.1	369.3
26.5°	367.8	368.1	367.8	368.0	368.3	367.9
27°	366.2	366.8	366.2	366.0	366.4	365.5
27.5°	364.6	364.5	364.6	364.4	364.6	364.5
28°	362.7	362.5	362.7	362.5	362.6	362.0
28.5°	360.9	360.6	360.9	360.6	361.0	360.3
29°	358.9	358.8	358.9	359.1	359.0	358.5
29.5°	357.0	357.0	357.0	356.9	357.0	355.9
30°	354.9	354.7	354.9	354.6	355.0	354.3
30.5°	352.7	353.1	352.7	352.9	353.3	352.7
31°	351.1	351.0	351.1	350.5	351.2	350.3
31.5°	349.0	348.6	349.0	348.5	349.1	348.4
32°	347.0	347.1	347.0	346.4	346.9	346.1
32.5°	345.0	344.8	345.0	344.6	344.5	344.4
33°	342.5	342.5	342.5	342.3	342.9	341.9
33.5°	340.1	340.5	340.1	340.4	340.7	340.4
34°	338.2	338.0	338.2	338.3	338.5	337.9
34.5°	336.0	335.7	336.0	335.8	336.3	335.5
35°	333.9	333.7	333.9	333.6	334.0	333.3
35.5°	331.3	331.8	331.3	331.3	331.5	331.3
36°	329.3	329.3	329.3	328.9	329.2	328.7
36.5°	327.1	327.0	327.1	326.7	326.8	326.6
37°	324.4	324.6	324.4	324.2	324.5	324.2
37.5°	322.1	322.1	322.1	322.1	322.1	321.7
38°	319.7	319.4	319.7	319.5	319.9	319.2
38.5°	317.3	317.1	317.3	317.2	317.1	316.9
39°	314.8	314.5	314.8	314.8	314.5	314.4
39.5°	312.3	312.5	312.3	312.3	312.1	311.7
40°	309.8	309.7	309.8	309.7	309.7	309.4
40.5°	307.1	307.0	307.1	307.1	307.4	307.0
41°	304.8	304.6	304.8	304.4	304.7	304.2
41.5°	302.1	301.8	302.1	301.8	302.2	301.4
42°	299.4	299.1	299.4	299.3	299.7	298.9
42.5°	296.8	296.7	296.8	296.6	296.9	296.3
43°	294.1	293.9	294.1	293.9	294.3	293.6
43.5°	291.5	291.4	291.5	291.4	291.6	291.0

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997197

CATALOG NUMBER: SMX6SLSFS010-1200LM-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	283.4	283.2	283.4	283.1	283.4	282.6
45.5°	280.4	280.5	280.4	280.4	280.5	279.8
46°	277.6	277.5	277.6	277.5	277.5	277.4
46.5°	274.9	274.8	274.9	274.6	275.0	274.4
47°	272.0	271.7	272.0	271.8	272.0	271.4
47.5°	269.2	269.2	269.2	268.8	269.4	268.6
48°	266.3	266.3	266.3	265.9	266.3	265.9
48.5°	263.3	263.2	263.3	263.0	263.6	262.9
49°	260.3	260.1	260.3	260.2	260.4	259.8
49.5°	257.3	257.1	257.3	257.2	257.5	256.7
50°	254.5	254.5	254.5	254.2	254.4	254.0
50.5°	251.4	251.4	251.4	251.2	251.4	250.8
51°	248.3	248.3	248.3	248.1	248.4	247.9
51.5°	245.4	245.2	245.4	245.0	245.3	244.8
52°	242.3	242.1	242.3	242.0	242.2	241.8
52.5°	239.2	239.1	239.2	238.8	239.2	238.8
53°	236.0	236.0	236.0	235.7	236.1	235.7
53.5°	232.9	232.9	232.9	232.6	232.9	232.4
54°	229.7	229.7	229.7	229.4	229.7	229.3
54.5°	226.5	226.5	226.5	226.3	226.5	226.2
55°	223.3	223.5	223.3	223.2	223.4	223.1
55.5°	220.0	220.1	220.0	220.0	220.2	219.8
56°	216.8	216.7	216.8	216.7	216.9	216.5
56.5°	213.6	213.6	213.6	213.5	213.7	213.2
57°	210.4	210.1	210.4	210.1	210.4	210.0
57.5°	207.1	206.9	207.1	206.8	207.0	206.6
58°	203.6	203.7	203.6	203.5	203.7	203.5
58.5°	200.5	200.4	200.5	200.2	200.5	199.9
59°	197.0	196.9	197.0	196.8	197.0	196.4
59.5°	193.4	193.5	193.4	193.4	193.8	193.2
60°	190.1	190.1	190.1	190.0	190.3	190.0
60.5°	186.8	187.0	186.8	186.6	186.8	186.6
61°	183.4	183.3	183.4	183.2	183.4	183.2
61.5°	179.9	180.0	179.9	179.8	180.1	179.8
62°	176.4	176.5	176.4	176.4	176.6	176.3
62.5°	173.1	173.1	173.1	172.8	173.1	172.7
63°	169.5	169.3	169.5	169.3	169.6	169.3
63.5°	165.9	165.8	165.9	165.7	166.1	165.7
64°	162.4	162.5	162.4	162.2	162.5	162.2
64.5°	158.8	158.8	158.8	158.6	159.0	158.7
65°	155.4	155.5	155.4	155.1	155.2	155.1
65.5°	151.8	151.9	151.8	151.7	151.8	151.7
66°	148.1	148.0	148.1	148.0	148.2	148.0

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997197

CATALOG NUMBER: SMX6SLSFS010-1200LM-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	137.3	137.4	137.3	137.3	137.4	137.3
68°	133.7	133.9	133.7	133.4	133.6	133.6
68.5°	130.0	130.0	130.0	129.8	130.2	130.0
69°	126.4	126.3	126.4	126.3	126.4	126.3
69.5°	122.6	122.8	122.6	122.6	122.6	122.6
70°	119.0	119.0	119.0	118.9	119.1	118.8
70.5°	115.4	115.3	115.4	115.2	115.5	115.2
71°	111.7	111.6	111.7	111.5	111.6	111.5
71.5°	107.9	107.9	107.9	107.8	108.0	107.8
72°	104.2	104.3	104.2	104.1	104.3	104.1
72.5°	100.5	100.6	100.5	100.3	100.6	100.4
73°	96.8	96.8	96.8	96.7	96.9	96.7
73.5°	93.1	93.2	93.1	93.1	93.2	92.9
74°	89.5	89.4	89.5	89.4	89.5	89.2
74.5°	85.7	85.9	85.7	85.8	85.9	85.6
75°	82.2	82.2	82.2	82.1	82.3	81.9
75.5°	78.6	78.6	78.6	78.5	78.7	78.3
76°	75.0	75.0	75.0	75.0	74.9	74.7
76.5°	71.3	71.4	71.3	71.2	71.3	71.1
77°	67.8	67.7	67.8	67.7	67.8	67.5
77.5°	64.2	64.1	64.2	64.2	64.1	64.0
78°	60.7	60.7	60.7	60.6	60.7	60.4
78.5°	57.3	57.3	57.3	57.1	57.1	56.9
79°	53.8	53.8	53.8	53.7	53.7	53.4
79.5°	50.4	50.4	50.4	50.3	50.4	50.1
80°	47.1	47.1	47.1	47.1	47.0	46.9
80.5°	43.8	43.9	43.8	43.8	43.8	43.7
81°	40.6	40.7	40.6	40.6	40.5	40.5
81.5°	37.4	37.5	37.4	37.5	37.4	37.3
82°	34.3	34.4	34.3	34.3	34.2	34.1
82.5°	31.3	31.4	31.3	31.2	31.2	31.1
83°	28.3	28.4	28.3	28.3	28.2	28.0
83.5°	25.5	25.5	25.5	25.4	25.2	25.0
84°	22.8	22.7	22.8	22.6	22.5	22.2
84.5°	20.1	20.0	20.1	20.0	19.9	19.8
85°	17.6	17.5	17.6	17.5	17.4	17.3
85.5°	15.3	15.2	15.3	15.2	15.1	14.9
86°	13.2	13.0	13.2	13.0	12.8	12.7
86.5°	11.1	11.0	11.1	11.0	10.8	10.6
87°	9.3	9.1	9.3	9.2	9.0	8.8
87.5°	7.7	7.5	7.7	7.5	7.3	7.1
88°	6.2	5.9	6.2	6.1	5.9	5.7
88.5°	4.9	4.7	4.9	4.8	4.6	4.5

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Scaled Data Report



TEST NUMBER: P997197

CATALOG NUMBER: SMX6SLSFS010-1200LM-3000K

CANDELA DISTRIBUTION (continued):

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

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Report Generated By 670245859 / DESKTOP-T8S5UU9

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

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21.5°	383.2	384.1	384.3	384.1	384.6	384.1	384.3	384.1	383.2	384.1	384.3
22°	382.1	383.0	382.8	382.8	383.2	382.8	382.8	383.0	382.1	383.0	382.8



44°	288.2	288.6	288.5	288.8	288.7	288.8	288.5	288.6	288.2	288.6	288.5
44.5°	285.4	286.2	285.9	286.0	286.0	286.0	285.9	286.2	285.4	286.2	285.9



66.5°	144.5	144.7	144.5	144.6	144.6	144.6	144.5	144.7	144.5	144.7	144.5
67°	140.9	141.0	140.8	140.9	141.0	140.9	140.8	141.0	140.9	141.0	140.8



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°	384.1	384.6	384.1	384.3	384.1	383.2
22°	382.8	383.2	382.8	382.8	383.0	382.1

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44°	288.8	288.7	288.8	288.5	288.6	288.2
44.5°	286.0	286.0	286.0	285.9	286.2	285.4

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66.5°	144.6	144.6	144.6	144.5	144.7	144.5
67°	140.9	141.0	140.9	140.8	141.0	140.9

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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)