

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: P997183

Luminaire Tested: **SMX6RLSFS010-1200LM-3500K**

Issue Date: 3/11/2025

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

**Test Information**

Test Method: LM-41-14
Report Number: P997183
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (A2410866A001)
Test Lab:
Issue Date: 3/11/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: HALO
Catalog Number: SMX6RLSFS010-1200LM-3500K
Description: 6IN ROUND, 90CRI, 0-10V DIMMING, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 3500K CCT
Ballast/Driver: -

Summary

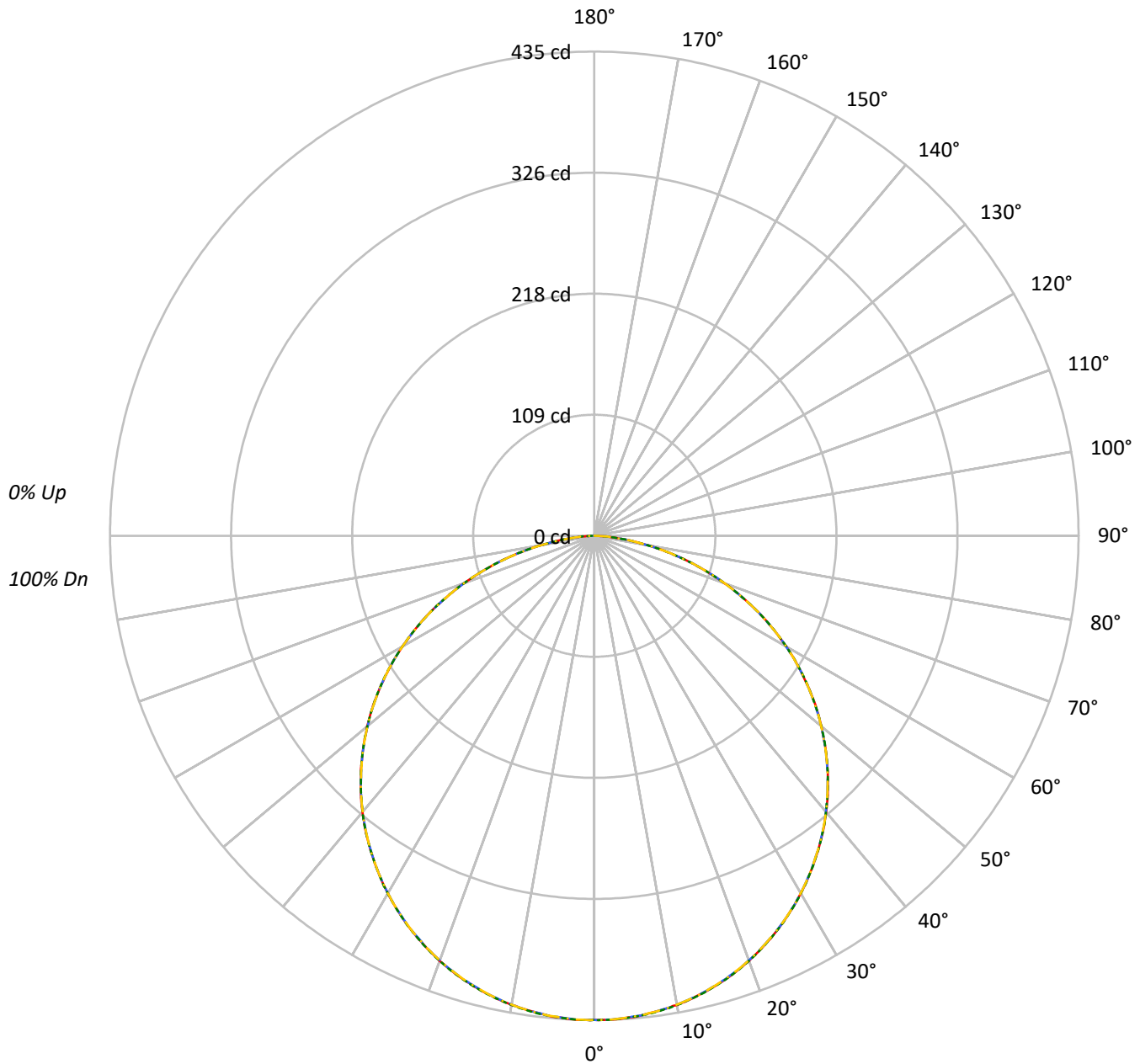
Lumens per Lamp: N/A
Luminaire Lumens: 1267.1 lumens
Efficiency: N/A
Efficacy: 102.2 lumens/watt
Spacing Criteria (0/90/45): 1.27 / 1.27 / 1.39
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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



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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	94	97	94	91	93	91	88	90	88	86	84		
2	99	90	83	78	96	88	82	77	85	80	75	82	77	73	79	75	72	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	58	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	49	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°	23847	23847	23847	23847
5°	23861	23855	23861	23855
10°	23831	23825	23831	23825
15°	23774	23780	23774	23780
20°	23709	23703	23709	23703
25°	23602	23602	23602	23602
30°	23485	23491	23485	23491
35°	23343	23343	23343	23343
40°	23179	23172	23179	23172
45°	22979	22971	22979	22971
50°	22711	22694	22711	22694
55°	22336	22355	22336	22355
60°	21840	21829	21840	21829
65°	21105	21092	21105	21092
70°	19939	19939	19939	19939
75°	18152	18216	18152	18216
80°	15374	15343	15374	15343
85°	11007	10944	11007	10944

Classified

Scaled Data Report

Cooper Lighting Solutions Photometric Lab

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Peachtree City, GA 30269



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	41.2	3.3
10°-20°	118.2	9.3
20°-30°	179.8	14.2
30°-40°	218.1	17.2
40°-50°	228.3	18.0
50°-60°	208.7	16.5
60°-70°	160.5	12.7
70°-80°	90.7	7.2
80°-90°	21.7	1.7
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°	339.1	26.8
0°-40°	557.3	44.0
0°-60°	994.3	78.5
0°-90°	1267.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1267.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	435	435	435	435	435	
5°	434	434	434	434	434	41
15°	419	419	419	419	419	118
25°	390	390	390	390	390	180
35°	349	349	349	349	349	218
45°	296	296	296	296	296	228
55°	234	234	234	234	234	209
65°	163	163	163	163	163	161
75°	86	86	86	86	86	91
85°	18	17	18	17	18	22
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°	435.0	435.0	435.0	435.0	435.0	435.0	435.0	435.0	435.0	435.0	435.0
0.5°	435.2	434.8	435.3	435.1	435.2	435.1	435.3	434.8	435.2	434.8	435.3
1°	435.0	434.7	435.1	435.2	435.1	435.2	435.1	434.7	435.0	434.7	435.1
1.5°	435.0	434.7	434.9	435.1	435.2	435.1	434.9	434.7	435.0	434.7	434.9
2°	435.3	434.7	434.9	434.8	434.9	434.8	434.9	434.7	435.3	434.7	434.9
2.5°	435.0	434.4	434.7	434.8	434.8	434.8	434.7	434.4	435.0	434.4	434.7
3°	434.8	434.3	434.4	434.6	434.5	434.6	434.4	434.3	434.8	434.3	434.4
3.5°	434.3	434.0	434.1	434.3	434.4	434.3	434.1	434.0	434.3	434.0	434.1
4°	433.9	433.8	433.9	434.1	434.2	434.1	433.9	433.8	433.9	433.8	433.9
4.5°	433.9	433.5	433.5	433.7	433.7	433.7	433.5	433.5	433.9	433.5	433.5
5°	433.6	433.1	433.3	433.5	433.5	433.5	433.3	433.1	433.6	433.1	433.3
5.5°	433.2	432.8	433.0	433.0	433.2	433.0	433.0	432.8	433.2	432.8	433.0
6°	432.6	432.2	432.4	432.5	432.8	432.5	432.4	432.2	432.6	432.2	432.4
6.5°	432.0	431.9	431.8	432.1	432.4	432.1	431.8	431.9	432.0	431.9	431.8
7°	431.4	431.4	431.3	431.5	431.8	431.5	431.3	431.4	431.4	431.4	431.3
7.5°	430.9	430.9	430.8	430.9	431.5	430.9	430.8	430.9	430.9	430.9	430.8
8°	430.4	430.3	430.2	430.4	430.7	430.4	430.2	430.3	430.4	430.3	430.2
8.5°	429.7	429.8	429.7	429.9	430.1	429.9	429.7	429.8	429.7	429.8	429.7
9°	429.4	429.2	429.1	429.2	429.5	429.2	429.1	429.2	429.4	429.2	429.1
9.5°	428.3	428.3	428.4	428.6	428.8	428.6	428.4	428.3	428.3	428.3	428.4
10°	428.1	427.6	427.6	427.9	428.0	427.9	427.6	427.6	428.1	427.6	427.6
10.5°	427.0	427.0	426.8	426.9	427.5	426.9	426.8	427.0	427.0	427.0	426.8
11°	426.6	426.1	426.1	426.2	426.4	426.2	426.1	426.1	426.6	426.1	426.1
11.5°	425.6	425.3	425.4	425.3	425.7	425.3	425.4	425.3	425.6	425.3	425.4
12°	424.9	424.4	424.4	424.6	424.8	424.6	424.4	424.4	424.9	424.4	424.4
12.5°	423.7	423.4	423.6	423.5	424.0	423.5	423.6	423.4	423.7	423.4	423.6
13°	422.8	422.5	422.7	422.6	423.0	422.6	422.7	422.5	422.8	422.5	422.7
13.5°	421.9	421.5	421.7	421.8	422.1	421.8	421.7	421.5	421.9	421.5	421.7
14°	421.0	420.5	420.5	420.7	421.1	420.7	420.5	420.5	421.0	420.5	420.5
14.5°	419.8	419.4	419.5	419.6	420.1	419.6	419.5	419.4	419.8	419.4	419.5
15°	418.9	418.3	418.5	418.6	419.0	418.6	418.5	418.3	418.9	418.3	418.5
15.5°	417.6	417.4	417.4	417.6	417.9	417.6	417.4	417.4	417.6	417.4	417.4
16°	416.8	416.4	416.2	416.5	416.7	416.5	416.2	416.4	416.8	416.4	416.2
16.5°	415.5	415.3	415.2	415.5	415.7	415.5	415.2	415.3	415.5	415.3	415.2
17°	414.4	413.8	413.9	414.1	414.3	414.1	413.9	413.8	414.4	413.8	413.9
17.5°	413.1	412.6	412.7	412.8	413.2	412.8	412.7	412.6	413.1	412.6	412.7
18°	411.8	411.5	411.4	411.6	411.9	411.6	411.4	411.5	411.8	411.5	411.4
18.5°	410.4	410.0	410.3	410.2	410.6	410.2	410.3	410.0	410.4	410.0	410.3
19°	409.1	408.7	408.8	409.0	409.1	409.0	408.8	408.7	409.1	408.7	408.8
19.5°	407.6	407.3	407.3	407.5	407.7	407.5	407.3	407.3	407.6	407.3	407.3
20°	406.4	405.7	405.9	406.1	406.3	406.1	405.9	405.7	406.4	405.7	405.9
20.5°	404.6	404.3	404.5	404.7	404.9	404.7	404.5	404.3	404.6	404.3	404.5
21°	403.3	402.9	403.1	403.2	403.4	403.2	403.1	402.9	403.3	402.9	403.1

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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°	398.6	398.3	398.3	398.3	398.7	398.3	398.3	398.3	398.6	398.3	398.3
23°	396.9	396.7	396.6	396.8	397.0	396.8	396.6	396.7	396.9	396.7	396.6
23.5°	395.3	395.1	395.0	395.1	395.4	395.1	395.0	395.1	395.3	395.1	395.0
24°	393.7	393.3	393.3	393.5	393.7	393.5	393.3	393.3	393.7	393.3	393.3
24.5°	391.8	391.6	391.7	391.7	392.0	391.7	391.7	391.6	391.8	391.6	391.7
25°	390.2	390.0	390.0	389.9	390.2	389.9	390.0	390.0	390.2	390.0	390.0
25.5°	388.4	388.2	388.2	388.1	388.5	388.1	388.2	388.2	388.4	388.2	388.2
26°	386.7	386.4	386.4	386.4	386.8	386.4	386.4	386.4	386.7	386.4	386.4
26.5°	384.7	384.4	384.6	384.5	384.9	384.5	384.6	384.4	384.7	384.4	384.6
27°	382.8	382.6	382.7	382.7	382.9	382.7	382.7	382.6	382.8	382.6	382.7
27.5°	380.9	380.8	380.7	380.8	381.0	380.8	380.7	380.8	380.9	380.8	380.7
28°	379.0	378.7	378.8	378.9	379.1	378.9	378.8	378.7	379.0	378.7	378.8
28.5°	377.1	376.7	377.0	376.9	377.1	376.9	377.0	376.7	377.1	376.7	377.0
29°	375.1	374.7	374.9	375.0	375.1	375.0	374.9	374.7	375.1	374.7	374.9
29.5°	373.0	372.8	372.8	373.0	373.2	373.0	372.8	372.8	373.0	372.8	372.8
30°	371.0	370.7	370.8	371.0	371.1	371.0	370.8	370.7	371.0	370.7	370.8
30.5°	368.9	368.6	368.7	368.8	369.0	368.8	368.7	368.6	368.9	368.6	368.7
31°	366.8	366.5	366.5	366.7	367.0	366.7	366.5	366.5	366.8	366.5	366.5
31.5°	364.6	364.3	364.4	364.4	364.8	364.4	364.4	364.3	364.6	364.3	364.4
32°	362.5	362.1	362.2	362.3	362.4	362.3	362.2	362.1	362.5	362.1	362.2
32.5°	360.1	360.0	360.1	360.0	360.3	360.0	360.1	360.0	360.1	360.0	360.1
33°	357.9	357.8	357.8	357.8	358.0	357.8	357.8	357.8	357.9	357.8	357.8
33.5°	355.7	355.5	355.5	355.5	355.8	355.5	355.5	355.5	355.7	355.5	355.5
34°	353.4	353.2	353.2	353.3	353.5	353.3	353.2	353.2	353.4	353.2	353.2
34.5°	351.1	350.8	350.8	351.0	351.1	351.0	350.8	350.8	351.1	350.8	350.8
35°	348.8	348.4	348.5	348.7	348.8	348.7	348.5	348.4	348.8	348.4	348.5
35.5°	346.4	346.1	346.1	346.3	346.4	346.3	346.1	346.1	346.4	346.1	346.1
36°	343.9	343.6	343.8	343.9	344.1	343.9	343.8	343.6	343.9	343.6	343.8
36.5°	341.6	341.3	341.5	341.5	341.7	341.5	341.5	341.3	341.6	341.3	341.5
37°	339.3	338.9	338.9	339.1	339.2	339.1	338.9	338.9	339.3	338.9	338.9
37.5°	336.8	336.5	336.6	336.5	336.7	336.5	336.6	336.5	336.8	336.5	336.6
38°	334.2	334.0	334.0	334.2	334.2	334.2	334.0	334.0	334.2	334.0	334.0
38.5°	331.8	331.5	331.4	331.5	331.7	331.5	331.4	331.5	331.8	331.5	331.4
39°	329.1	329.0	328.9	329.1	329.3	329.1	328.9	329.0	329.1	329.0	328.9
39.5°	326.6	326.4	326.2	326.6	326.6	326.6	326.2	326.4	326.6	326.4	326.2
40°	323.9	323.8	323.7	323.8	323.8	323.8	323.7	323.8	323.9	323.8	323.7
40.5°	321.3	321.1	321.0	321.1	321.1	321.1	321.0	321.1	321.3	321.1	321.0
41°	318.7	318.3	318.4	318.4	318.4	318.4	318.4	318.3	318.7	318.3	318.4
41.5°	316.1	315.7	315.6	315.6	315.8	315.6	315.6	315.7	316.1	315.7	315.6
42°	313.4	312.9	312.9	312.9	313.1	312.9	312.9	312.9	313.4	312.9	312.9
42.5°	310.3	310.1	310.1	310.1	310.3	310.1	310.1	310.1	310.3	310.1	310.1
43°	307.7	307.4	307.3	307.4	307.5	307.4	307.3	307.4	307.7	307.4	307.3
43.5°	304.7	304.5	304.5	304.7	304.7	304.7	304.5	304.5	304.7	304.5	304.5

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	296.4	296.0	296.0	296.1	296.3	296.1	296.0	296.0	296.4	296.0	296.0
45.5°	293.3	293.1	293.1	293.2	293.3	293.2	293.1	293.1	293.3	293.1	293.1
46°	290.2	290.2	290.3	290.4	290.4	290.4	290.3	290.2	290.2	290.2	290.3
46.5°	287.4	287.3	287.3	287.3	287.5	287.3	287.3	287.3	287.4	287.3	287.3
47°	284.5	284.4	284.3	284.4	284.5	284.4	284.3	284.4	284.5	284.4	284.3
47.5°	281.5	281.2	281.2	281.4	281.5	281.4	281.2	281.2	281.5	281.2	281.2
48°	278.3	278.1	278.3	278.3	278.5	278.3	278.3	278.1	278.3	278.1	278.3
48.5°	275.3	275.1	275.1	275.3	275.5	275.3	275.1	275.1	275.3	275.1	275.1
49°	272.2	272.1	272.2	272.2	272.3	272.2	272.2	272.1	272.2	272.1	272.2
49.5°	269.1	269.0	269.1	269.0	269.2	269.0	269.1	269.0	269.1	269.0	269.1
50°	266.3	265.8	265.9	266.0	266.1	266.0	265.9	265.8	266.3	265.8	265.9
50.5°	263.0	262.7	262.8	262.9	262.9	262.9	262.8	262.7	263.0	262.7	262.8
51°	259.8	259.7	259.8	259.8	259.9	259.8	259.8	259.7	259.8	259.7	259.8
51.5°	256.8	256.7	256.6	256.6	256.8	256.6	256.6	256.7	256.8	256.7	256.6
52°	253.6	253.4	253.4	253.4	253.6	253.4	253.4	253.4	253.6	253.4	253.4
52.5°	250.5	250.1	250.1	250.2	250.4	250.2	250.1	250.1	250.5	250.1	250.1
53°	247.1	246.9	246.9	247.0	247.0	247.0	246.9	246.9	247.1	246.9	246.9
53.5°	243.8	243.7	243.5	243.6	243.7	243.6	243.5	243.7	243.8	243.7	243.5
54°	240.4	240.3	240.2	240.1	240.5	240.1	240.2	240.3	240.4	240.3	240.2
54.5°	237.0	237.0	236.9	236.9	237.1	236.9	236.9	237.0	237.0	237.0	236.9
55°	233.7	233.6	233.6	233.6	233.9	233.6	233.6	233.6	233.7	233.6	233.6
55.5°	230.2	230.1	230.3	230.2	230.5	230.2	230.3	230.1	230.2	230.1	230.3
56°	226.8	226.8	226.9	226.9	227.3	226.9	226.9	226.8	226.8	226.8	226.9
56.5°	223.4	223.3	223.4	223.4	223.8	223.4	223.4	223.3	223.4	223.3	223.4
57°	220.0	219.9	220.2	220.1	220.2	220.1	220.2	219.9	220.0	219.9	220.2
57.5°	216.6	216.7	216.6	216.6	216.7	216.6	216.6	216.7	216.6	216.7	216.6
58°	213.3	213.1	213.2	213.1	213.4	213.1	213.2	213.1	213.3	213.1	213.2
58.5°	209.8	209.6	209.6	209.6	209.9	209.6	209.6	209.6	209.8	209.6	209.6
59°	206.2	206.1	206.1	206.1	206.3	206.1	206.1	206.1	206.2	206.1	206.1
59.5°	202.6	202.5	202.5	202.5	202.6	202.5	202.5	202.5	202.6	202.5	202.5
60°	199.2	198.9	199.0	198.9	199.1	198.9	199.0	198.9	199.2	198.9	199.0
60.5°	195.4	195.4	195.4	195.4	195.4	195.4	195.4	195.4	195.4	195.4	195.4
61°	191.7	191.8	191.8	191.7	191.8	191.7	191.8	191.8	191.7	191.8	191.8
61.5°	188.3	188.2	188.2	188.2	188.4	188.2	188.2	188.2	188.3	188.2	188.2
62°	184.7	184.5	184.6	184.5	184.7	184.5	184.6	184.5	184.7	184.5	184.6
62.5°	181.1	181.0	180.8	180.9	181.0	180.9	180.8	181.0	181.1	181.0	180.8
63°	177.4	177.3	177.3	177.2	177.3	177.2	177.3	177.3	177.4	177.3	177.3
63.5°	173.8	173.6	173.6	173.6	173.7	173.6	173.6	173.6	173.8	173.6	173.6
64°	170.2	169.9	169.9	169.9	170.0	169.9	169.9	169.9	170.2	169.9	169.9
64.5°	166.5	166.1	166.1	166.2	166.2	166.2	166.1	166.1	166.5	166.1	166.1
65°	162.7	162.5	162.4	162.4	162.6	162.4	162.4	162.5	162.7	162.5	162.4
65.5°	158.9	158.7	158.6	158.6	158.7	158.6	158.6	158.7	158.9	158.7	158.6
66°	155.0	154.8	154.8	154.9	155.1	154.9	154.8	154.8	155.0	154.8	154.8

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997183

CATALOG NUMBER: SMX6RLSFS010-1200LM-3500K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	143.5	143.5	143.4	143.5	143.5	143.5	143.4	143.5	143.5	143.5	143.4
68°	139.8	139.8	139.6	139.6	139.8	139.6	139.6	139.8	139.8	139.8	139.6
68.5°	136.0	135.9	135.8	135.9	136.0	135.9	135.8	135.9	136.0	135.9	135.8
69°	132.1	131.9	131.9	132.0	132.2	132.0	131.9	131.9	132.1	131.9	131.9
69.5°	128.2	128.1	128.1	128.1	128.3	128.1	128.1	128.1	128.2	128.1	128.1
70°	124.4	124.3	124.3	124.2	124.4	124.2	124.3	124.3	124.4	124.3	124.3
70.5°	120.5	120.4	120.4	120.3	120.6	120.3	120.4	120.4	120.5	120.4	120.4
71°	116.6	116.5	116.5	116.5	116.7	116.5	116.5	116.5	116.6	116.5	116.5
71.5°	112.7	112.6	112.6	112.6	112.8	112.6	112.6	112.6	112.7	112.6	112.6
72°	108.9	108.7	108.7	108.7	108.9	108.7	108.7	108.7	108.9	108.7	108.7
72.5°	105.0	104.9	104.9	104.9	105.0	104.9	104.9	104.9	105.0	104.9	104.9
73°	101.2	101.1	101.1	100.9	101.2	100.9	101.1	101.1	101.2	101.1	101.1
73.5°	97.2	97.3	97.3	97.2	97.3	97.2	97.3	97.3	97.2	97.3	97.3
74°	93.5	93.5	93.5	93.4	93.6	93.4	93.5	93.5	93.5	93.5	93.5
74.5°	89.7	89.7	89.7	89.6	89.8	89.6	89.7	89.7	89.7	89.7	89.7
75°	85.7	85.8	85.8	85.7	86.0	85.7	85.8	85.8	85.7	85.8	85.8
75.5°	81.9	82.0	82.0	82.0	82.1	82.0	82.0	82.0	81.9	82.0	82.0
76°	78.1	78.1	78.2	78.1	78.3	78.1	78.2	78.1	78.1	78.1	78.2
76.5°	74.4	74.4	74.4	74.3	74.5	74.3	74.4	74.4	74.4	74.4	74.4
77°	70.6	70.6	70.7	70.6	70.7	70.6	70.7	70.6	70.6	70.6	70.7
77.5°	66.9	66.9	67.0	66.9	67.0	66.9	67.0	66.9	66.9	66.9	67.0
78°	63.2	63.2	63.2	63.1	63.2	63.1	63.2	63.2	63.2	63.2	63.2
78.5°	59.6	59.5	59.5	59.4	59.6	59.4	59.5	59.5	59.6	59.5	59.5
79°	55.8	55.8	55.8	55.7	55.9	55.7	55.8	55.8	55.8	55.8	55.8
79.5°	52.2	52.2	52.1	52.1	52.3	52.1	52.1	52.2	52.2	52.2	52.1
80°	48.7	48.5	48.5	48.4	48.6	48.4	48.5	48.5	48.7	48.5	48.5
80.5°	45.1	45.1	45.1	45.0	45.1	45.0	45.1	45.1	45.1	45.1	45.1
81°	41.6	41.7	41.6	41.7	41.6	41.7	41.6	41.7	41.6	41.7	41.6
81.5°	38.2	38.2	38.2	38.2	38.3	38.2	38.2	38.2	38.2	38.2	38.2
82°	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
82.5°	31.8	31.7	31.8	31.9	31.8	31.9	31.8	31.7	31.8	31.7	31.8
83°	28.8	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.8	28.7	28.7
83.5°	25.7	25.6	25.7	25.7	25.7	25.7	25.7	25.6	25.7	25.6	25.7
84°	22.9	22.8	22.9	22.9	22.8	22.9	22.9	22.8	22.9	22.8	22.9
84.5°	20.2	20.2	20.1	20.2	20.1	20.2	20.1	20.2	20.2	20.2	20.1
85°	17.5	17.4	17.5	17.5	17.4	17.5	17.5	17.4	17.5	17.4	17.5
85.5°	14.9	15.0	15.1	15.1	15.1	15.1	15.1	15.0	14.9	15.0	15.1
86°	12.7	12.7	12.8	12.7	12.6	12.7	12.8	12.7	12.7	12.7	12.8
86.5°	10.6	10.5	10.6	10.6	10.6	10.6	10.6	10.5	10.6	10.5	10.6
87°	8.6	8.6	8.6	8.6	8.5	8.6	8.6	8.6	8.6	8.6	8.6
87.5°	6.8	6.9	7.0	6.9	6.7	6.9	7.0	6.9	6.8	6.9	7.0
88°	5.3	5.3	5.4	5.3	5.2	5.3	5.4	5.3	5.3	5.3	5.4
88.5°	4.0	4.0	4.0	4.0	3.9	4.0	4.0	4.0	4.0	4.0	4.0

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

Scaled Data Report



TEST NUMBER: P997183
CATALOG NUMBER: SMX6RLSFS010-1200LM-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: P997183

CATALOG NUMBER: SMX6RLSFS010-1200LM-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	435.0	435.0	435.0	435.0	435.0	435.0
0.5°	435.1	435.2	435.1	435.3	434.8	435.2
1°	435.2	435.1	435.2	435.1	434.7	435.0
1.5°	435.1	435.2	435.1	434.9	434.7	435.0
2°	434.8	434.9	434.8	434.9	434.7	435.3
2.5°	434.8	434.8	434.8	434.7	434.4	435.0
3°	434.6	434.5	434.6	434.4	434.3	434.8
3.5°	434.3	434.4	434.3	434.1	434.0	434.3
4°	434.1	434.2	434.1	433.9	433.8	433.9
4.5°	433.7	433.7	433.7	433.5	433.5	433.9
5°	433.5	433.5	433.5	433.3	433.1	433.6
5.5°	433.0	433.2	433.0	433.0	432.8	433.2
6°	432.5	432.8	432.5	432.4	432.2	432.6
6.5°	432.1	432.4	432.1	431.8	431.9	432.0
7°	431.5	431.8	431.5	431.3	431.4	431.4
7.5°	430.9	431.5	430.9	430.8	430.9	430.9
8°	430.4	430.7	430.4	430.2	430.3	430.4
8.5°	429.9	430.1	429.9	429.7	429.8	429.7
9°	429.2	429.5	429.2	429.1	429.2	429.4
9.5°	428.6	428.8	428.6	428.4	428.3	428.3
10°	427.9	428.0	427.9	427.6	427.6	428.1
10.5°	426.9	427.5	426.9	426.8	427.0	427.0
11°	426.2	426.4	426.2	426.1	426.1	426.6
11.5°	425.3	425.7	425.3	425.4	425.3	425.6
12°	424.6	424.8	424.6	424.4	424.4	424.9
12.5°	423.5	424.0	423.5	423.6	423.4	423.7
13°	422.6	423.0	422.6	422.7	422.5	422.8
13.5°	421.8	422.1	421.8	421.7	421.5	421.9
14°	420.7	421.1	420.7	420.5	420.5	421.0
14.5°	419.6	420.1	419.6	419.5	419.4	419.8
15°	418.6	419.0	418.6	418.5	418.3	418.9
15.5°	417.6	417.9	417.6	417.4	417.4	417.6
16°	416.5	416.7	416.5	416.2	416.4	416.8
16.5°	415.5	415.7	415.5	415.2	415.3	415.5
17°	414.1	414.3	414.1	413.9	413.8	414.4
17.5°	412.8	413.2	412.8	412.7	412.6	413.1
18°	411.6	411.9	411.6	411.4	411.5	411.8
18.5°	410.2	410.6	410.2	410.3	410.0	410.4
19°	409.0	409.1	409.0	408.8	408.7	409.1
19.5°	407.5	407.7	407.5	407.3	407.3	407.6
20°	406.1	406.3	406.1	405.9	405.7	406.4
20.5°	404.7	404.9	404.7	404.5	404.3	404.6
21°	403.2	403.4	403.2	403.1	402.9	403.3

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997183

CATALOG NUMBER: SMX6RLSFS010-1200LM-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	398.3	398.7	398.3	398.3	398.3	398.6
23°	396.8	397.0	396.8	396.6	396.7	396.9
23.5°	395.1	395.4	395.1	395.0	395.1	395.3
24°	393.5	393.7	393.5	393.3	393.3	393.7
24.5°	391.7	392.0	391.7	391.7	391.6	391.8
25°	389.9	390.2	389.9	390.0	390.0	390.2
25.5°	388.1	388.5	388.1	388.2	388.2	388.4
26°	386.4	386.8	386.4	386.4	386.4	386.7
26.5°	384.5	384.9	384.5	384.6	384.4	384.7
27°	382.7	382.9	382.7	382.7	382.6	382.8
27.5°	380.8	381.0	380.8	380.7	380.8	380.9
28°	378.9	379.1	378.9	378.8	378.7	379.0
28.5°	376.9	377.1	376.9	377.0	376.7	377.1
29°	375.0	375.1	375.0	374.9	374.7	375.1
29.5°	373.0	373.2	373.0	372.8	372.8	373.0
30°	371.0	371.1	371.0	370.8	370.7	371.0
30.5°	368.8	369.0	368.8	368.7	368.6	368.9
31°	366.7	367.0	366.7	366.5	366.5	366.8
31.5°	364.4	364.8	364.4	364.4	364.3	364.6
32°	362.3	362.4	362.3	362.2	362.1	362.5
32.5°	360.0	360.3	360.0	360.1	360.0	360.1
33°	357.8	358.0	357.8	357.8	357.8	357.9
33.5°	355.5	355.8	355.5	355.5	355.5	355.7
34°	353.3	353.5	353.3	353.2	353.2	353.4
34.5°	351.0	351.1	351.0	350.8	350.8	351.1
35°	348.7	348.8	348.7	348.5	348.4	348.8
35.5°	346.3	346.4	346.3	346.1	346.1	346.4
36°	343.9	344.1	343.9	343.8	343.6	343.9
36.5°	341.5	341.7	341.5	341.5	341.3	341.6
37°	339.1	339.2	339.1	338.9	338.9	339.3
37.5°	336.5	336.7	336.5	336.6	336.5	336.8
38°	334.2	334.2	334.2	334.0	334.0	334.2
38.5°	331.5	331.7	331.5	331.4	331.5	331.8
39°	329.1	329.3	329.1	328.9	329.0	329.1
39.5°	326.6	326.6	326.6	326.2	326.4	326.6
40°	323.8	323.8	323.8	323.7	323.8	323.9
40.5°	321.1	321.1	321.1	321.0	321.1	321.3
41°	318.4	318.4	318.4	318.4	318.3	318.7
41.5°	315.6	315.8	315.6	315.6	315.7	316.1
42°	312.9	313.1	312.9	312.9	312.9	313.4
42.5°	310.1	310.3	310.1	310.1	310.1	310.3
43°	307.4	307.5	307.4	307.3	307.4	307.7
43.5°	304.7	304.7	304.7	304.5	304.5	304.7

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997183

CATALOG NUMBER: SMX6RLSFS010-1200LM-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	296.1	296.3	296.1	296.0	296.0	296.4
45.5°	293.2	293.3	293.2	293.1	293.1	293.3
46°	290.4	290.4	290.4	290.3	290.2	290.2
46.5°	287.3	287.5	287.3	287.3	287.3	287.4
47°	284.4	284.5	284.4	284.3	284.4	284.5
47.5°	281.4	281.5	281.4	281.2	281.2	281.5
48°	278.3	278.5	278.3	278.3	278.1	278.3
48.5°	275.3	275.5	275.3	275.1	275.1	275.3
49°	272.2	272.3	272.2	272.2	272.1	272.2
49.5°	269.0	269.2	269.0	269.1	269.0	269.1
50°	266.0	266.1	266.0	265.9	265.8	266.3
50.5°	262.9	262.9	262.9	262.8	262.7	263.0
51°	259.8	259.9	259.8	259.8	259.7	259.8
51.5°	256.6	256.8	256.6	256.6	256.7	256.8
52°	253.4	253.6	253.4	253.4	253.4	253.6
52.5°	250.2	250.4	250.2	250.1	250.1	250.5
53°	247.0	247.0	247.0	246.9	246.9	247.1
53.5°	243.6	243.7	243.6	243.5	243.7	243.8
54°	240.1	240.5	240.1	240.2	240.3	240.4
54.5°	236.9	237.1	236.9	236.9	237.0	237.0
55°	233.6	233.9	233.6	233.6	233.6	233.7
55.5°	230.2	230.5	230.2	230.3	230.1	230.2
56°	226.9	227.3	226.9	226.9	226.8	226.8
56.5°	223.4	223.8	223.4	223.4	223.3	223.4
57°	220.1	220.2	220.1	220.2	219.9	220.0
57.5°	216.6	216.7	216.6	216.6	216.7	216.6
58°	213.1	213.4	213.1	213.2	213.1	213.3
58.5°	209.6	209.9	209.6	209.6	209.6	209.8
59°	206.1	206.3	206.1	206.1	206.1	206.2
59.5°	202.5	202.6	202.5	202.5	202.5	202.6
60°	198.9	199.1	198.9	199.0	198.9	199.2
60.5°	195.4	195.4	195.4	195.4	195.4	195.4
61°	191.7	191.8	191.7	191.8	191.8	191.7
61.5°	188.2	188.4	188.2	188.2	188.2	188.3
62°	184.5	184.7	184.5	184.6	184.5	184.7
62.5°	180.9	181.0	180.9	180.8	181.0	181.1
63°	177.2	177.3	177.2	177.3	177.3	177.4
63.5°	173.6	173.7	173.6	173.6	173.6	173.8
64°	169.9	170.0	169.9	169.9	169.9	170.2
64.5°	166.2	166.2	166.2	166.1	166.1	166.5
65°	162.4	162.6	162.4	162.4	162.5	162.7
65.5°	158.6	158.7	158.6	158.6	158.7	158.9
66°	154.9	155.1	154.9	154.8	154.8	155.0

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997183

CATALOG NUMBER: SMX6RLSFS010-1200LM-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	143.5	143.5	143.5	143.4	143.5	143.5
68°	139.6	139.8	139.6	139.6	139.8	139.8
68.5°	135.9	136.0	135.9	135.8	135.9	136.0
69°	132.0	132.2	132.0	131.9	131.9	132.1
69.5°	128.1	128.3	128.1	128.1	128.1	128.2
70°	124.2	124.4	124.2	124.3	124.3	124.4
70.5°	120.3	120.6	120.3	120.4	120.4	120.5
71°	116.5	116.7	116.5	116.5	116.5	116.6
71.5°	112.6	112.8	112.6	112.6	112.6	112.7
72°	108.7	108.9	108.7	108.7	108.7	108.9
72.5°	104.9	105.0	104.9	104.9	104.9	105.0
73°	100.9	101.2	100.9	101.1	101.1	101.2
73.5°	97.2	97.3	97.2	97.3	97.3	97.2
74°	93.4	93.6	93.4	93.5	93.5	93.5
74.5°	89.6	89.8	89.6	89.7	89.7	89.7
75°	85.7	86.0	85.7	85.8	85.8	85.7
75.5°	82.0	82.1	82.0	82.0	82.0	81.9
76°	78.1	78.3	78.1	78.2	78.1	78.1
76.5°	74.3	74.5	74.3	74.4	74.4	74.4
77°	70.6	70.7	70.6	70.7	70.6	70.6
77.5°	66.9	67.0	66.9	67.0	66.9	66.9
78°	63.1	63.2	63.1	63.2	63.2	63.2
78.5°	59.4	59.6	59.4	59.5	59.5	59.6
79°	55.7	55.9	55.7	55.8	55.8	55.8
79.5°	52.1	52.3	52.1	52.1	52.2	52.2
80°	48.4	48.6	48.4	48.5	48.5	48.7
80.5°	45.0	45.1	45.0	45.1	45.1	45.1
81°	41.7	41.6	41.7	41.6	41.7	41.6
81.5°	38.2	38.3	38.2	38.2	38.2	38.2
82°	34.9	34.9	34.9	34.9	34.9	34.9
82.5°	31.9	31.8	31.9	31.8	31.7	31.8
83°	28.7	28.7	28.7	28.7	28.7	28.8
83.5°	25.7	25.7	25.7	25.7	25.6	25.7
84°	22.9	22.8	22.9	22.9	22.8	22.9
84.5°	20.2	20.1	20.2	20.1	20.2	20.2
85°	17.5	17.4	17.5	17.5	17.4	17.5
85.5°	15.1	15.1	15.1	15.1	15.0	14.9
86°	12.7	12.6	12.7	12.8	12.7	12.7
86.5°	10.6	10.6	10.6	10.6	10.5	10.6
87°	8.6	8.5	8.6	8.6	8.6	8.6
87.5°	6.9	6.7	6.9	7.0	6.9	6.8
88°	5.3	5.2	5.3	5.4	5.3	5.3
88.5°	4.0	3.9	4.0	4.0	4.0	4.0

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Scaled Data Report



TEST NUMBER: P997183
CATALOG NUMBER: SMX6RLSFS010-1200LM-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°	401.7	401.4	401.4	401.6	401.9	401.6	401.4	401.4	401.7	401.4	401.4
22°	400.1	399.9	399.9	400.1	400.2	400.1	399.9	399.9	400.1	399.9	399.9



44°	301.9	301.7	301.6	301.9	302.0	301.9	301.6	301.7	301.9	301.7	301.6
44.5°	299.1	299.0	298.8	299.0	299.1	299.0	298.8	299.0	299.1	299.0	298.8



66.5°	151.1	151.0	151.0	151.1	151.2	151.1	151.0	151.0	151.1	151.0	151.0
67°	147.3	147.3	147.2	147.3	147.4	147.3	147.2	147.3	147.3	147.3	147.2

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89°	2.9	2.8	2.9	3.0	2.7	3.0	2.9	2.8	2.9	2.8	2.9
89.5°	2.0	2.0	1.8	2.0	2.0	2.0	1.8	2.0	2.0	2.0	1.8

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21.5°	401.6	401.9	401.6	401.4	401.4	401.7
22°	400.1	400.2	400.1	399.9	399.9	400.1

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44°	301.9	302.0	301.9	301.6	301.7	301.9
44.5°	299.0	299.1	299.0	298.8	299.0	299.1

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66.5°	151.1	151.2	151.1	151.0	151.0	151.1
67°	147.3	147.4	147.3	147.2	147.3	147.3

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89°	3.0	2.7	3.0	2.9	2.8	2.9
89.5°	2.0	2.0	2.0	1.8	2.0	2.0

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(END OF REPORT)