

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: P997182

Luminaire Tested: **SMX6RLSFS010-1200LM-3000K**

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: P997182
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-3000K
Description: 6IN ROUND, 90CRI, 0-10V DIMMING, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 3000K CCT
Ballast/Driver: -

Summary

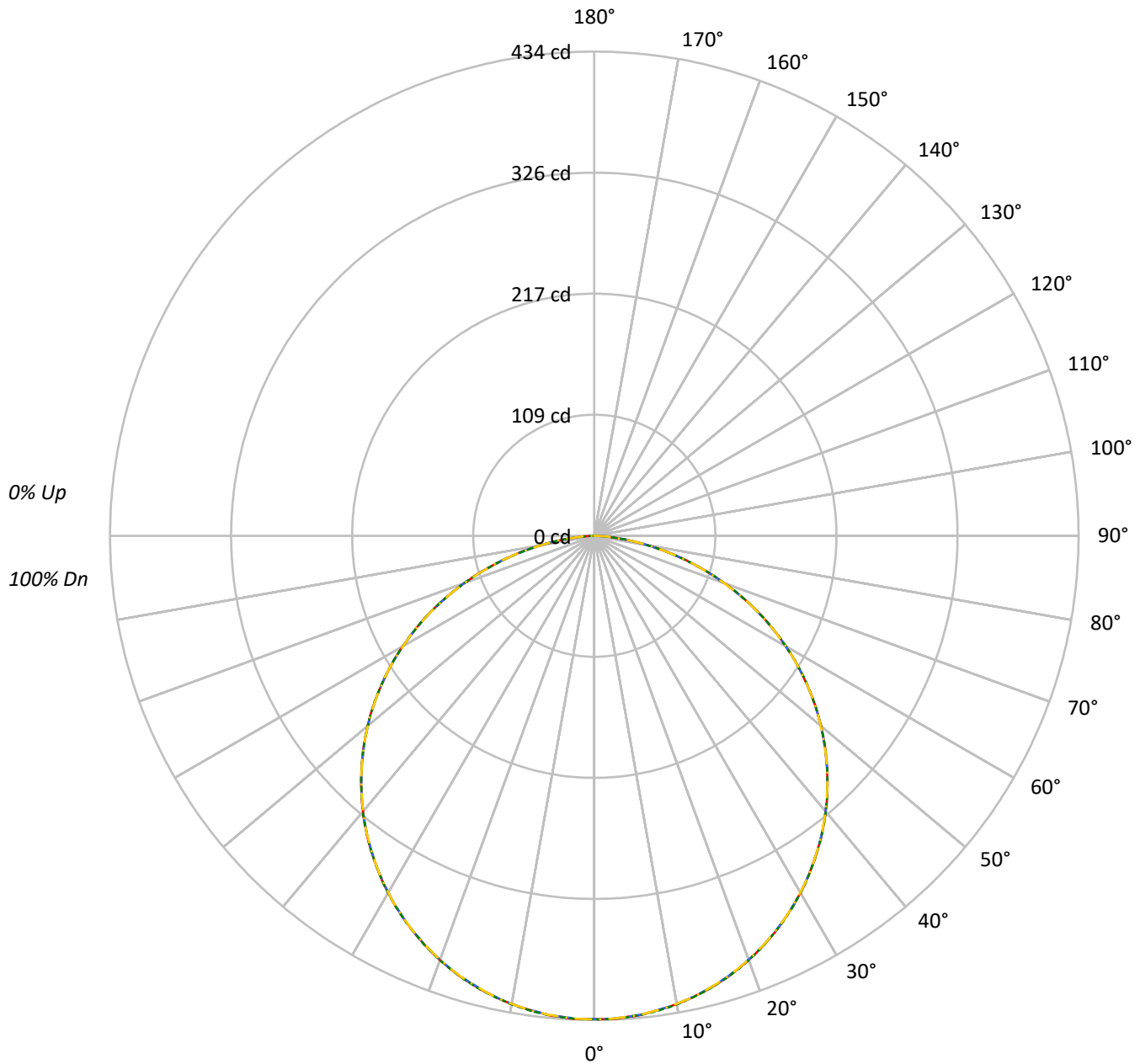
Lumens per Lamp: N/A
Luminaire Lumens: 1262.1 lumens
Efficiency: N/A
Efficacy: 101.8 lumens/watt
Spacing Criteria (0/90/45): 1.27 / 1.27 / 1.39
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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°	23754	23754	23754	23754
5°	23767	23762	23767	23762
10°	23736	23736	23736	23736
15°	23683	23683	23683	23683
20°	23615	23610	23615	23610
25°	23511	23505	23511	23505
30°	23396	23402	23396	23402
35°	23249	23249	23249	23249
40°	23086	23079	23086	23079
45°	22886	22886	22886	22886
50°	22618	22609	22618	22609
55°	22250	22269	22250	22269
60°	21753	21742	21753	21742
65°	21014	21014	21014	21014
70°	19859	19859	19859	19859
75°	18088	18131	18088	18131
80°	15311	15280	15311	15280
85°	10944	10882	10944	10882



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	41.0	3.3
10°-20°	117.7	9.3
20°-30°	179.1	14.2
30°-40°	217.3	17.2
40°-50°	227.4	18.0
50°-60°	207.9	16.5
60°-70°	159.8	12.7
70°-80°	90.3	7.2
80°-90°	21.6	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°	337.8	26.8
0°-40°	555.1	44.0
0°-60°	990.4	78.5
0°-90°	1262.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1262.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	433	433	433	433	433	
5°	432	432	432	432	432	41
15°	417	417	417	417	417	118
25°	389	389	389	389	389	179
35°	347	347	347	347	347	217
45°	295	295	295	295	295	228
55°	233	233	233	233	233	208
65°	162	162	162	162	162	160
75°	85	86	85	86	85	90
85°	17	17	17	17	17	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°	433.3	433.3	433.3	433.3	433.3	433.3	433.3	433.3	433.3	433.3	433.3
0.5°	433.5	433.1	433.5	433.4	433.5	433.4	433.5	433.1	433.5	433.1	433.5
1°	433.3	433.0	433.4	433.5	433.4	433.5	433.4	433.0	433.3	433.0	433.4
1.5°	433.3	433.0	433.2	433.4	433.5	433.4	433.2	433.0	433.3	433.0	433.2
2°	433.5	433.0	433.2	433.1	433.2	433.1	433.2	433.0	433.5	433.0	433.2
2.5°	433.3	432.6	432.9	433.0	433.1	433.0	432.9	432.6	433.3	432.6	432.9
3°	433.1	432.6	432.7	432.8	432.8	432.8	432.7	432.6	433.1	432.6	432.7
3.5°	432.6	432.3	432.4	432.6	432.7	432.6	432.4	432.3	432.6	432.3	432.4
4°	432.2	432.1	432.2	432.4	432.5	432.4	432.2	432.1	432.2	432.1	432.2
4.5°	432.2	431.8	431.8	432.0	432.0	432.0	431.8	431.8	432.2	431.8	431.8
5°	431.9	431.4	431.5	431.8	431.8	431.8	431.5	431.4	431.9	431.4	431.5
5.5°	431.5	431.1	431.3	431.2	431.5	431.2	431.3	431.1	431.5	431.1	431.3
6°	430.9	430.5	430.7	430.8	431.1	430.8	430.7	430.5	430.9	430.5	430.7
6.5°	430.3	430.2	430.1	430.4	430.7	430.4	430.1	430.2	430.3	430.2	430.1
7°	429.7	429.7	429.6	429.8	430.1	429.8	429.6	429.7	429.7	429.7	429.6
7.5°	429.2	429.2	429.1	429.2	429.8	429.2	429.1	429.2	429.2	429.2	429.1
8°	428.7	428.6	428.6	428.7	429.0	428.7	428.6	428.6	428.7	428.6	428.6
8.5°	428.0	428.1	428.0	428.2	428.4	428.2	428.0	428.1	428.0	428.1	428.0
9°	427.7	427.5	427.4	427.5	427.8	427.5	427.4	427.5	427.7	427.5	427.4
9.5°	426.7	426.6	426.7	426.9	427.2	426.9	426.7	426.6	426.7	426.6	426.7
10°	426.4	425.9	426.0	426.2	426.4	426.2	426.0	425.9	426.4	425.9	426.0
10.5°	425.4	425.3	425.2	425.3	425.8	425.3	425.2	425.3	425.4	425.3	425.2
11°	424.9	424.4	424.4	424.6	424.7	424.6	424.4	424.4	424.9	424.4	424.4
11.5°	424.0	423.6	423.8	423.6	424.0	423.6	423.8	423.6	424.0	423.6	423.8
12°	423.2	422.8	422.8	422.9	423.1	422.9	422.8	422.8	423.2	422.8	422.8
12.5°	422.0	421.7	422.0	421.8	422.3	421.8	422.0	421.7	422.0	421.7	422.0
13°	421.2	420.9	421.0	421.0	421.4	421.0	421.0	420.9	421.2	420.9	421.0
13.5°	420.2	419.8	420.0	420.1	420.5	420.1	420.0	419.8	420.2	419.8	420.0
14°	419.3	418.9	418.9	419.0	419.5	419.0	418.9	418.9	419.3	418.9	418.9
14.5°	418.1	417.7	417.9	417.9	418.5	417.9	417.9	417.7	418.1	417.7	417.9
15°	417.3	416.7	416.9	416.9	417.3	416.9	416.9	416.7	417.3	416.7	416.9
15.5°	416.0	415.7	415.8	415.9	416.2	415.9	415.8	415.7	416.0	415.7	415.8
16°	415.1	414.7	414.6	414.9	415.1	414.9	414.6	414.7	415.1	414.7	414.6
16.5°	413.8	413.6	413.6	413.8	414.1	413.8	413.6	413.6	413.8	413.6	413.6
17°	412.8	412.2	412.3	412.5	412.6	412.5	412.3	412.2	412.8	412.2	412.3
17.5°	411.4	411.0	411.1	411.2	411.5	411.2	411.1	411.0	411.4	411.0	411.1
18°	410.1	409.8	409.8	410.0	410.2	410.0	409.8	409.8	410.1	409.8	409.8
18.5°	408.8	408.4	408.6	408.6	408.9	408.6	408.6	408.4	408.8	408.4	408.6
19°	407.5	407.1	407.2	407.4	407.5	407.4	407.2	407.1	407.5	407.1	407.2
19.5°	406.0	405.7	405.7	405.9	406.1	405.9	405.7	405.7	406.0	405.7	405.7
20°	404.8	404.1	404.3	404.5	404.7	404.5	404.3	404.1	404.8	404.1	404.3
20.5°	403.0	402.7	402.9	403.1	403.3	403.1	402.9	402.7	403.0	402.7	402.9
21°	401.7	401.3	401.5	401.6	401.8	401.6	401.5	401.3	401.7	401.3	401.5

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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°	397.0	396.7	396.7	396.8	397.2	396.8	396.7	396.7	397.0	396.7	396.7
23°	395.4	395.1	395.1	395.3	395.5	395.3	395.1	395.1	395.4	395.1	395.1
23.5°	393.7	393.6	393.5	393.6	393.8	393.6	393.5	393.6	393.7	393.6	393.5
24°	392.1	391.8	391.8	391.9	392.1	391.9	391.8	391.8	392.1	391.8	391.8
24.5°	390.3	390.1	390.2	390.1	390.4	390.1	390.2	390.1	390.3	390.1	390.2
25°	388.7	388.4	388.5	388.3	388.6	388.3	388.5	388.4	388.7	388.4	388.5
25.5°	386.9	386.7	386.7	386.6	386.9	386.6	386.7	386.7	386.9	386.7	386.7
26°	385.1	384.9	384.9	384.8	385.3	384.8	384.9	384.9	385.1	384.9	384.9
26.5°	383.2	382.9	383.1	383.0	383.3	383.0	383.1	382.9	383.2	382.9	383.1
27°	381.3	381.1	381.1	381.2	381.4	381.2	381.1	381.1	381.3	381.1	381.1
27.5°	379.4	379.3	379.2	379.3	379.5	379.3	379.2	379.3	379.4	379.3	379.2
28°	377.5	377.3	377.3	377.4	377.7	377.4	377.3	377.3	377.5	377.3	377.3
28.5°	375.6	375.2	375.5	375.4	375.6	375.4	375.5	375.2	375.6	375.2	375.5
29°	373.6	373.3	373.5	373.5	373.6	373.5	373.5	373.3	373.6	373.3	373.5
29.5°	371.6	371.3	371.4	371.5	371.7	371.5	371.4	371.3	371.6	371.3	371.4
30°	369.6	369.2	369.3	369.5	369.7	369.5	369.3	369.2	369.6	369.2	369.3
30.5°	367.4	367.2	367.2	367.3	367.5	367.3	367.2	367.2	367.4	367.2	367.2
31°	365.4	365.0	365.1	365.2	365.6	365.2	365.1	365.0	365.4	365.0	365.1
31.5°	363.2	362.9	363.0	363.0	363.3	363.0	363.0	362.9	363.2	362.9	363.0
32°	361.0	360.7	360.8	360.9	361.0	360.9	360.8	360.7	361.0	360.7	360.8
32.5°	358.7	358.6	358.7	358.6	358.9	358.6	358.7	358.6	358.7	358.6	358.7
33°	356.5	356.4	356.4	356.4	356.6	356.4	356.4	356.4	356.5	356.4	356.4
33.5°	354.3	354.1	354.1	354.1	354.4	354.1	354.1	354.1	354.3	354.1	354.1
34°	352.0	351.8	351.8	351.9	352.1	351.9	351.8	351.8	352.0	351.8	351.8
34.5°	349.7	349.4	349.4	349.6	349.7	349.6	349.4	349.4	349.7	349.4	349.4
35°	347.4	347.0	347.1	347.3	347.4	347.3	347.1	347.0	347.4	347.0	347.1
35.5°	345.1	344.7	344.8	344.9	345.1	344.9	344.8	344.7	345.1	344.7	344.8
36°	342.6	342.2	342.4	342.5	342.7	342.5	342.4	342.2	342.6	342.2	342.4
36.5°	340.3	339.9	340.1	340.1	340.4	340.1	340.1	339.9	340.3	339.9	340.1
37°	338.0	337.6	337.6	337.8	337.9	337.8	337.6	337.6	338.0	337.6	337.6
37.5°	335.5	335.1	335.3	335.2	335.3	335.2	335.3	335.1	335.5	335.1	335.3
38°	332.9	332.7	332.7	332.9	332.9	332.9	332.7	332.7	332.9	332.7	332.7
38.5°	330.5	330.2	330.1	330.2	330.4	330.2	330.1	330.2	330.5	330.2	330.1
39°	327.8	327.7	327.6	327.8	328.0	327.8	327.6	327.7	327.8	327.7	327.6
39.5°	325.3	325.1	324.9	325.3	325.3	325.3	324.9	325.1	325.3	325.1	324.9
40°	322.6	322.5	322.4	322.5	322.5	322.5	322.4	322.5	322.6	322.5	322.4
40.5°	320.0	319.8	319.7	319.8	319.8	319.8	319.7	319.8	320.0	319.8	319.7
41°	317.4	317.0	317.1	317.1	317.2	317.1	317.1	317.0	317.4	317.0	317.1
41.5°	314.8	314.4	314.4	314.4	314.6	314.4	314.4	314.4	314.8	314.4	314.4
42°	312.1	311.7	311.7	311.7	311.9	311.7	311.7	311.7	312.1	311.7	311.7
42.5°	309.1	308.9	308.9	308.9	309.1	308.9	308.9	308.9	309.1	308.9	308.9
43°	306.5	306.2	306.1	306.2	306.2	306.2	306.1	306.2	306.5	306.2	306.1
43.5°	303.5	303.3	303.3	303.5	303.5	303.5	303.3	303.3	303.5	303.3	303.3

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	295.2	294.9	294.8	294.9	295.2	294.9	294.8	294.9	295.2	294.9	294.8
45.5°	292.1	291.9	292.0	292.0	292.2	292.0	292.0	291.9	292.1	291.9	292.0
46°	289.0	289.1	289.1	289.3	289.3	289.3	289.1	289.1	289.0	289.1	289.1
46.5°	286.2	286.2	286.2	286.2	286.4	286.2	286.2	286.2	286.2	286.2	286.2
47°	283.3	283.2	283.1	283.2	283.4	283.2	283.1	283.2	283.3	283.2	283.1
47.5°	280.4	280.1	280.0	280.3	280.4	280.3	280.0	280.1	280.4	280.1	280.0
48°	277.2	277.0	277.2	277.2	277.4	277.2	277.2	277.0	277.2	277.0	277.2
48.5°	274.2	274.1	274.1	274.2	274.4	274.2	274.1	274.1	274.2	274.1	274.1
49°	271.1	271.0	271.1	271.1	271.3	271.1	271.1	271.0	271.1	271.0	271.1
49.5°	268.1	267.9	268.1	268.0	268.2	268.0	268.1	267.9	268.1	267.9	268.1
50°	265.2	264.8	264.8	264.9	265.1	264.9	264.8	264.8	265.2	264.8	264.8
50.5°	262.0	261.7	261.7	261.9	261.9	261.9	261.7	261.7	262.0	261.7	261.7
51°	258.8	258.7	258.8	258.7	258.9	258.7	258.8	258.7	258.8	258.7	258.8
51.5°	255.8	255.7	255.6	255.5	255.8	255.5	255.6	255.7	255.8	255.7	255.6
52°	252.6	252.4	252.4	252.4	252.6	252.4	252.4	252.4	252.6	252.4	252.4
52.5°	249.5	249.1	249.1	249.2	249.4	249.2	249.1	249.1	249.5	249.1	249.1
53°	246.1	245.9	245.9	246.0	246.1	246.0	245.9	245.9	246.1	245.9	245.9
53.5°	242.8	242.8	242.6	242.6	242.8	242.6	242.6	242.8	242.8	242.8	242.6
54°	239.5	239.4	239.3	239.2	239.6	239.2	239.3	239.4	239.5	239.4	239.3
54.5°	236.1	236.0	236.0	236.0	236.2	236.0	236.0	236.0	236.1	236.0	236.0
55°	232.8	232.6	232.7	232.6	233.0	232.6	232.7	232.6	232.8	232.6	232.7
55.5°	229.3	229.2	229.4	229.3	229.6	229.3	229.4	229.2	229.3	229.2	229.4
56°	225.9	225.9	226.0	226.0	226.4	226.0	226.0	225.9	225.9	225.9	226.0
56.5°	222.5	222.5	222.5	222.5	222.9	222.5	222.5	222.5	222.5	222.5	222.5
57°	219.1	219.1	219.3	219.2	219.3	219.2	219.3	219.1	219.1	219.1	219.3
57.5°	215.8	215.9	215.8	215.8	215.9	215.8	215.8	215.9	215.8	215.9	215.8
58°	212.5	212.3	212.4	212.3	212.6	212.3	212.4	212.3	212.5	212.3	212.4
58.5°	209.0	208.7	208.8	208.8	209.0	208.8	208.8	208.7	209.0	208.7	208.8
59°	205.4	205.2	205.2	205.3	205.5	205.3	205.2	205.2	205.4	205.2	205.2
59.5°	201.8	201.7	201.7	201.7	201.8	201.7	201.7	201.7	201.8	201.7	201.7
60°	198.4	198.1	198.2	198.2	198.3	198.2	198.2	198.1	198.4	198.1	198.2
60.5°	194.6	194.7	194.6	194.6	194.6	194.6	194.6	194.7	194.6	194.7	194.6
61°	190.9	191.0	191.0	191.0	191.1	191.0	191.0	191.0	190.9	191.0	191.0
61.5°	187.6	187.5	187.4	187.5	187.6	187.5	187.4	187.5	187.6	187.5	187.4
62°	184.0	183.8	183.9	183.8	184.0	183.8	183.9	183.8	184.0	183.8	183.9
62.5°	180.3	180.3	180.1	180.1	180.3	180.1	180.1	180.3	180.3	180.3	180.1
63°	176.7	176.6	176.6	176.5	176.6	176.5	176.6	176.6	176.7	176.6	176.6
63.5°	173.1	172.9	172.9	172.9	173.0	172.9	172.9	172.9	173.1	172.9	172.9
64°	169.5	169.2	169.2	169.2	169.4	169.2	169.2	169.2	169.5	169.2	169.2
64.5°	165.8	165.5	165.5	165.6	165.6	165.6	165.5	165.5	165.8	165.5	165.5
65°	162.0	161.9	161.7	161.8	162.0	161.8	161.7	161.9	162.0	161.9	161.7
65.5°	158.3	158.1	158.0	158.0	158.1	158.0	158.0	158.1	158.3	158.1	158.0
66°	154.4	154.2	154.2	154.3	154.4	154.3	154.2	154.2	154.4	154.2	154.2

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997182

CATALOG NUMBER: SMX6RLSFS010-1200LM-3000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	142.9	143.0	142.8	142.9	142.9	142.9	142.8	143.0	142.9	143.0	142.8
68°	139.2	139.2	139.1	139.1	139.2	139.1	139.1	139.2	139.2	139.2	139.1
68.5°	135.4	135.3	135.3	135.3	135.5	135.3	135.3	135.3	135.4	135.3	135.3
69°	131.6	131.4	131.4	131.5	131.6	131.5	131.4	131.4	131.6	131.4	131.4
69.5°	127.7	127.6	127.6	127.6	127.7	127.6	127.6	127.6	127.7	127.6	127.6
70°	123.9	123.8	123.8	123.7	123.9	123.7	123.8	123.8	123.9	123.8	123.8
70.5°	120.0	119.9	119.9	119.8	120.1	119.8	119.9	119.9	120.0	119.9	119.9
71°	116.1	116.0	116.1	116.0	116.2	116.0	116.1	116.0	116.1	116.0	116.1
71.5°	112.3	112.2	112.2	112.1	112.4	112.1	112.2	112.2	112.3	112.2	112.2
72°	108.4	108.3	108.3	108.3	108.5	108.3	108.3	108.3	108.4	108.3	108.3
72.5°	104.6	104.5	104.5	104.5	104.6	104.5	104.5	104.5	104.6	104.5	104.5
73°	100.8	100.7	100.7	100.5	100.8	100.5	100.7	100.7	100.8	100.7	100.7
73.5°	96.9	96.9	96.9	96.8	96.9	96.8	96.9	96.9	96.9	96.9	96.9
74°	93.1	93.1	93.2	93.0	93.2	93.0	93.2	93.1	93.1	93.1	93.2
74.5°	89.3	89.3	89.3	89.2	89.4	89.2	89.3	89.3	89.3	89.3	89.3
75°	85.4	85.5	85.5	85.4	85.6	85.4	85.5	85.5	85.4	85.5	85.5
75.5°	81.6	81.7	81.7	81.6	81.8	81.6	81.7	81.7	81.6	81.7	81.7
76°	77.8	77.8	77.9	77.8	78.0	77.8	77.9	77.8	77.8	77.8	77.9
76.5°	74.1	74.1	74.1	74.0	74.2	74.0	74.1	74.1	74.1	74.1	74.1
77°	70.4	70.3	70.4	70.3	70.5	70.3	70.4	70.3	70.4	70.3	70.4
77.5°	66.6	66.6	66.7	66.6	66.7	66.6	66.7	66.6	66.6	66.6	66.7
78°	62.9	62.9	62.9	62.8	63.0	62.8	62.9	62.9	62.9	62.9	62.9
78.5°	59.3	59.3	59.3	59.2	59.4	59.2	59.3	59.3	59.3	59.3	59.3
79°	55.6	55.6	55.6	55.5	55.6	55.5	55.6	55.6	55.6	55.6	55.6
79.5°	52.0	51.9	51.9	51.9	52.1	51.9	51.9	51.9	52.0	51.9	51.9
80°	48.5	48.3	48.3	48.3	48.4	48.3	48.3	48.3	48.5	48.3	48.3
80.5°	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
81°	41.4	41.5	41.4	41.5	41.4	41.5	41.4	41.5	41.4	41.5	41.4
81.5°	38.0	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.0	38.1	38.1
82°	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
82.5°	31.6	31.6	31.7	31.7	31.6	31.7	31.7	31.6	31.6	31.6	31.7
83°	28.7	28.5	28.6	28.6	28.6	28.6	28.6	28.5	28.7	28.5	28.6
83.5°	25.6	25.5	25.6	25.6	25.6	25.6	25.6	25.5	25.6	25.5	25.6
84°	22.8	22.7	22.8	22.8	22.7	22.8	22.8	22.7	22.8	22.7	22.8
84.5°	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1
85°	17.4	17.4	17.4	17.5	17.3	17.5	17.4	17.4	17.4	17.4	17.4
85.5°	14.8	15.0	15.0	15.0	15.0	15.0	15.0	15.0	14.8	15.0	15.0
86°	12.7	12.7	12.7	12.6	12.6	12.6	12.7	12.7	12.7	12.7	12.7
86.5°	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
87°	8.5	8.6	8.6	8.6	8.5	8.6	8.6	8.6	8.5	8.6	8.6
87.5°	6.8	6.8	6.9	6.9	6.7	6.9	6.9	6.8	6.8	6.8	6.9
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: P997182
CATALOG NUMBER: SMX6RLSFS010-1200LM-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: P997182

CATALOG NUMBER: SMX6RLSFS010-1200LM-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	433.3	433.3	433.3	433.3	433.3	433.3
0.5°	433.4	433.5	433.4	433.5	433.1	433.5
1°	433.5	433.4	433.5	433.4	433.0	433.3
1.5°	433.4	433.5	433.4	433.2	433.0	433.3
2°	433.1	433.2	433.1	433.2	433.0	433.5
2.5°	433.0	433.1	433.0	432.9	432.6	433.3
3°	432.8	432.8	432.8	432.7	432.6	433.1
3.5°	432.6	432.7	432.6	432.4	432.3	432.6
4°	432.4	432.5	432.4	432.2	432.1	432.2
4.5°	432.0	432.0	432.0	431.8	431.8	432.2
5°	431.8	431.8	431.8	431.5	431.4	431.9
5.5°	431.2	431.5	431.2	431.3	431.1	431.5
6°	430.8	431.1	430.8	430.7	430.5	430.9
6.5°	430.4	430.7	430.4	430.1	430.2	430.3
7°	429.8	430.1	429.8	429.6	429.7	429.7
7.5°	429.2	429.8	429.2	429.1	429.2	429.2
8°	428.7	429.0	428.7	428.6	428.6	428.7
8.5°	428.2	428.4	428.2	428.0	428.1	428.0
9°	427.5	427.8	427.5	427.4	427.5	427.7
9.5°	426.9	427.2	426.9	426.7	426.6	426.7
10°	426.2	426.4	426.2	426.0	425.9	426.4
10.5°	425.3	425.8	425.3	425.2	425.3	425.4
11°	424.6	424.7	424.6	424.4	424.4	424.9
11.5°	423.6	424.0	423.6	423.8	423.6	424.0
12°	422.9	423.1	422.9	422.8	422.8	423.2
12.5°	421.8	422.3	421.8	422.0	421.7	422.0
13°	421.0	421.4	421.0	421.0	420.9	421.2
13.5°	420.1	420.5	420.1	420.0	419.8	420.2
14°	419.0	419.5	419.0	418.9	418.9	419.3
14.5°	417.9	418.5	417.9	417.9	417.7	418.1
15°	416.9	417.3	416.9	416.9	416.7	417.3
15.5°	415.9	416.2	415.9	415.8	415.7	416.0
16°	414.9	415.1	414.9	414.6	414.7	415.1
16.5°	413.8	414.1	413.8	413.6	413.6	413.8
17°	412.5	412.6	412.5	412.3	412.2	412.8
17.5°	411.2	411.5	411.2	411.1	411.0	411.4
18°	410.0	410.2	410.0	409.8	409.8	410.1
18.5°	408.6	408.9	408.6	408.6	408.4	408.8
19°	407.4	407.5	407.4	407.2	407.1	407.5
19.5°	405.9	406.1	405.9	405.7	405.7	406.0
20°	404.5	404.7	404.5	404.3	404.1	404.8
20.5°	403.1	403.3	403.1	402.9	402.7	403.0
21°	401.6	401.8	401.6	401.5	401.3	401.7

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997182

CATALOG NUMBER: SMX6RLSFS010-1200LM-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	396.8	397.2	396.8	396.7	396.7	397.0
23°	395.3	395.5	395.3	395.1	395.1	395.4
23.5°	393.6	393.8	393.6	393.5	393.6	393.7
24°	391.9	392.1	391.9	391.8	391.8	392.1
24.5°	390.1	390.4	390.1	390.2	390.1	390.3
25°	388.3	388.6	388.3	388.5	388.4	388.7
25.5°	386.6	386.9	386.6	386.7	386.7	386.9
26°	384.8	385.3	384.8	384.9	384.9	385.1
26.5°	383.0	383.3	383.0	383.1	382.9	383.2
27°	381.2	381.4	381.2	381.1	381.1	381.3
27.5°	379.3	379.5	379.3	379.2	379.3	379.4
28°	377.4	377.7	377.4	377.3	377.3	377.5
28.5°	375.4	375.6	375.4	375.5	375.2	375.6
29°	373.5	373.6	373.5	373.5	373.3	373.6
29.5°	371.5	371.7	371.5	371.4	371.3	371.6
30°	369.5	369.7	369.5	369.3	369.2	369.6
30.5°	367.3	367.5	367.3	367.2	367.2	367.4
31°	365.2	365.6	365.2	365.1	365.0	365.4
31.5°	363.0	363.3	363.0	363.0	362.9	363.2
32°	360.9	361.0	360.9	360.8	360.7	361.0
32.5°	358.6	358.9	358.6	358.7	358.6	358.7
33°	356.4	356.6	356.4	356.4	356.4	356.5
33.5°	354.1	354.4	354.1	354.1	354.1	354.3
34°	351.9	352.1	351.9	351.8	351.8	352.0
34.5°	349.6	349.7	349.6	349.4	349.4	349.7
35°	347.3	347.4	347.3	347.1	347.0	347.4
35.5°	344.9	345.1	344.9	344.8	344.7	345.1
36°	342.5	342.7	342.5	342.4	342.2	342.6
36.5°	340.1	340.4	340.1	340.1	339.9	340.3
37°	337.8	337.9	337.8	337.6	337.6	338.0
37.5°	335.2	335.3	335.2	335.3	335.1	335.5
38°	332.9	332.9	332.9	332.7	332.7	332.9
38.5°	330.2	330.4	330.2	330.1	330.2	330.5
39°	327.8	328.0	327.8	327.6	327.7	327.8
39.5°	325.3	325.3	325.3	324.9	325.1	325.3
40°	322.5	322.5	322.5	322.4	322.5	322.6
40.5°	319.8	319.8	319.8	319.7	319.8	320.0
41°	317.1	317.2	317.1	317.1	317.0	317.4
41.5°	314.4	314.6	314.4	314.4	314.4	314.8
42°	311.7	311.9	311.7	311.7	311.7	312.1
42.5°	308.9	309.1	308.9	308.9	308.9	309.1
43°	306.2	306.2	306.2	306.1	306.2	306.5
43.5°	303.5	303.5	303.5	303.3	303.3	303.5

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997182

CATALOG NUMBER: SMX6RLSFS010-1200LM-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	294.9	295.2	294.9	294.8	294.9	295.2
45.5°	292.0	292.2	292.0	292.0	291.9	292.1
46°	289.3	289.3	289.3	289.1	289.1	289.0
46.5°	286.2	286.4	286.2	286.2	286.2	286.2
47°	283.2	283.4	283.2	283.1	283.2	283.3
47.5°	280.3	280.4	280.3	280.0	280.1	280.4
48°	277.2	277.4	277.2	277.2	277.0	277.2
48.5°	274.2	274.4	274.2	274.1	274.1	274.2
49°	271.1	271.3	271.1	271.1	271.0	271.1
49.5°	268.0	268.2	268.0	268.1	267.9	268.1
50°	264.9	265.1	264.9	264.8	264.8	265.2
50.5°	261.9	261.9	261.9	261.7	261.7	262.0
51°	258.7	258.9	258.7	258.8	258.7	258.8
51.5°	255.5	255.8	255.5	255.6	255.7	255.8
52°	252.4	252.6	252.4	252.4	252.4	252.6
52.5°	249.2	249.4	249.2	249.1	249.1	249.5
53°	246.0	246.1	246.0	245.9	245.9	246.1
53.5°	242.6	242.8	242.6	242.6	242.8	242.8
54°	239.2	239.6	239.2	239.3	239.4	239.5
54.5°	236.0	236.2	236.0	236.0	236.0	236.1
55°	232.6	233.0	232.6	232.7	232.6	232.8
55.5°	229.3	229.6	229.3	229.4	229.2	229.3
56°	226.0	226.4	226.0	226.0	225.9	225.9
56.5°	222.5	222.9	222.5	222.5	222.5	222.5
57°	219.2	219.3	219.2	219.3	219.1	219.1
57.5°	215.8	215.9	215.8	215.8	215.9	215.8
58°	212.3	212.6	212.3	212.4	212.3	212.5
58.5°	208.8	209.0	208.8	208.8	208.7	209.0
59°	205.3	205.5	205.3	205.2	205.2	205.4
59.5°	201.7	201.8	201.7	201.7	201.7	201.8
60°	198.2	198.3	198.2	198.2	198.1	198.4
60.5°	194.6	194.6	194.6	194.6	194.7	194.6
61°	191.0	191.1	191.0	191.0	191.0	190.9
61.5°	187.5	187.6	187.5	187.4	187.5	187.6
62°	183.8	184.0	183.8	183.9	183.8	184.0
62.5°	180.1	180.3	180.1	180.1	180.3	180.3
63°	176.5	176.6	176.5	176.6	176.6	176.7
63.5°	172.9	173.0	172.9	172.9	172.9	173.1
64°	169.2	169.4	169.2	169.2	169.2	169.5
64.5°	165.6	165.6	165.6	165.5	165.5	165.8
65°	161.8	162.0	161.8	161.7	161.9	162.0
65.5°	158.0	158.1	158.0	158.0	158.1	158.3
66°	154.3	154.4	154.3	154.2	154.2	154.4

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997182

CATALOG NUMBER: SMX6RLSFS010-1200LM-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	142.9	142.9	142.9	142.8	143.0	142.9
68°	139.1	139.2	139.1	139.1	139.2	139.2
68.5°	135.3	135.5	135.3	135.3	135.3	135.4
69°	131.5	131.6	131.5	131.4	131.4	131.6
69.5°	127.6	127.7	127.6	127.6	127.6	127.7
70°	123.7	123.9	123.7	123.8	123.8	123.9
70.5°	119.8	120.1	119.8	119.9	119.9	120.0
71°	116.0	116.2	116.0	116.1	116.0	116.1
71.5°	112.1	112.4	112.1	112.2	112.2	112.3
72°	108.3	108.5	108.3	108.3	108.3	108.4
72.5°	104.5	104.6	104.5	104.5	104.5	104.6
73°	100.5	100.8	100.5	100.7	100.7	100.8
73.5°	96.8	96.9	96.8	96.9	96.9	96.9
74°	93.0	93.2	93.0	93.2	93.1	93.1
74.5°	89.2	89.4	89.2	89.3	89.3	89.3
75°	85.4	85.6	85.4	85.5	85.5	85.4
75.5°	81.6	81.8	81.6	81.7	81.7	81.6
76°	77.8	78.0	77.8	77.9	77.8	77.8
76.5°	74.0	74.2	74.0	74.1	74.1	74.1
77°	70.3	70.5	70.3	70.4	70.3	70.4
77.5°	66.6	66.7	66.6	66.7	66.6	66.6
78°	62.8	63.0	62.8	62.9	62.9	62.9
78.5°	59.2	59.4	59.2	59.3	59.3	59.3
79°	55.5	55.6	55.5	55.6	55.6	55.6
79.5°	51.9	52.1	51.9	51.9	51.9	52.0
80°	48.3	48.4	48.3	48.3	48.3	48.5
80.5°	44.9	44.9	44.9	44.9	44.9	44.9
81°	41.5	41.4	41.5	41.4	41.5	41.4
81.5°	38.1	38.1	38.1	38.1	38.1	38.0
82°	34.8	34.8	34.8	34.8	34.8	34.8
82.5°	31.7	31.6	31.7	31.7	31.6	31.6
83°	28.6	28.6	28.6	28.6	28.5	28.7
83.5°	25.6	25.6	25.6	25.6	25.5	25.6
84°	22.8	22.7	22.8	22.8	22.7	22.8
84.5°	20.1	20.1	20.1	20.1	20.1	20.1
85°	17.5	17.3	17.5	17.4	17.4	17.4
85.5°	15.0	15.0	15.0	15.0	15.0	14.8
86°	12.6	12.6	12.6	12.7	12.7	12.7
86.5°	10.5	10.5	10.5	10.5	10.5	10.5
87°	8.6	8.5	8.6	8.6	8.6	8.5
87.5°	6.9	6.7	6.9	6.9	6.8	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: P997182
CATALOG NUMBER: SMX6RLSFS010-1200LM-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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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°	400.1	399.8	399.8	400.0	400.3	400.0	399.8	399.8	400.1	399.8	399.8
22°	398.5	398.3	398.3	398.5	398.7	398.5	398.3	398.3	398.5	398.3	398.3



44°	300.7	300.5	300.4	300.7	300.8	300.7	300.4	300.5	300.7	300.5	300.4
44.5°	297.9	297.8	297.7	297.8	297.9	297.8	297.7	297.8	297.9	297.8	297.7



66.5°	150.5	150.4	150.4	150.5	150.6	150.5	150.4	150.4	150.5	150.4	150.4
67°	146.7	146.7	146.6	146.7	146.8	146.7	146.6	146.7	146.7	146.7	146.6

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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°	400.0	400.3	400.0	399.8	399.8	400.1
22°	398.5	398.7	398.5	398.3	398.3	398.5

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44°	300.7	300.8	300.7	300.4	300.5	300.7
44.5°	297.8	297.9	297.8	297.7	297.8	297.9

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66.5°	150.5	150.6	150.5	150.4	150.4	150.5
67°	146.7	146.8	146.7	146.6	146.7	146.7

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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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Scaled Data Report



(END OF REPORT)