

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: P997181

Luminaire Tested: **SMX6RLSFS010-1200LM-2700K**

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: P997181
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-2700K
Description: 6IN ROUND, 90CRI, 0-10V DIMMING, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 2700K CCT
Ballast/Driver: -

Summary

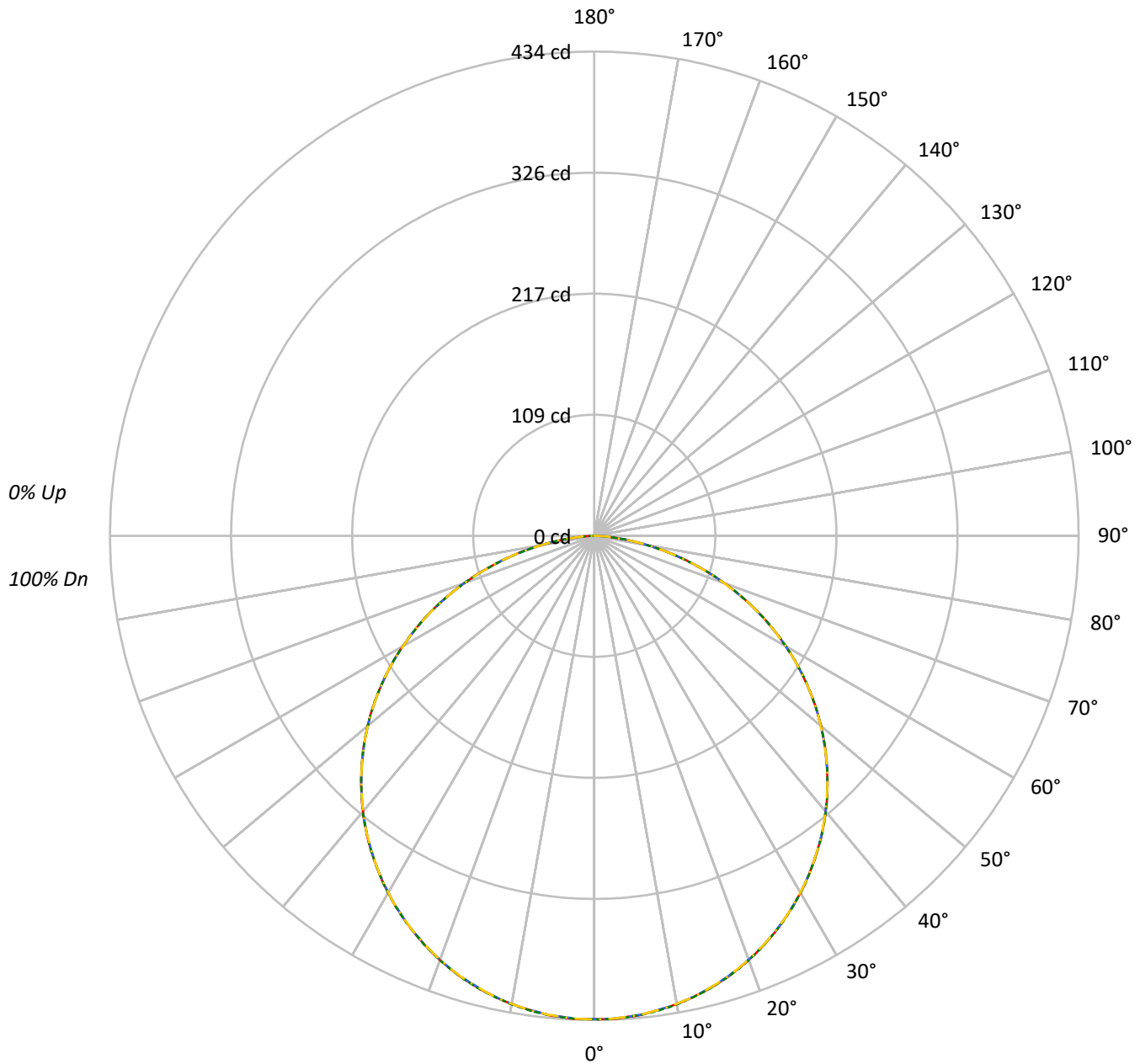
Lumens per Lamp: N/A
Luminaire Lumens: 1262.1 lumens
Efficiency: N/A
Efficacy: 101.0 lumens/watt
Spacing Criteria (0/90/45): 1.27 / 1.27 / 1.39
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 12.5
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

TEST NUMBER: P997181

CATALOG NUMBER: SMX6RLSFS010-1200LM-2700K

Luminous Intensity Polar Plot



Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997181

CATALOG NUMBER: SMX6RLSFS010-1200LM-2700K

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



TEST NUMBER: P997181
CATALOG NUMBER: SMX6RLSFS010-1200LM-2700K

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	

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997181

CATALOG NUMBER: SMX6RLSFS010-1200LM-2700K

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

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997181

CATALOG NUMBER: SMX6RLSFS010-1200LM-2700K

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

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997181

CATALOG NUMBER: SMX6RLSFS010-1200LM-2700K

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: P997181

CATALOG NUMBER: SMX6RLSFS010-1200LM-2700K

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: P997181
CATALOG NUMBER: SMX6RLSFS010-1200LM-2700K

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: P997181

CATALOG NUMBER: SMX6RLSFS010-1200LM-2700K

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: P997181

CATALOG NUMBER: SMX6RLSFS010-1200LM-2700K

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: P997181

CATALOG NUMBER: SMX6RLSFS010-1200LM-2700K

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: P997181

CATALOG NUMBER: SMX6RLSFS010-1200LM-2700K

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

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

Scaled Data Report



TEST NUMBER: P997181
CATALOG NUMBER: SMX6RLSFS010-1200LM-2700K

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

Classified

Scaled Data Report

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



Report Generated By 670245859 / DESKTOP-T8S5UU9

Classified

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report





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

Classified

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report



Classified

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report





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

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

Scaled Data Report



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

Classified

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report



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

Scaled Data Report



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

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

Scaled Data Report



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

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

Scaled Data Report



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

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

Scaled Data Report



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

Classified

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report



(END OF REPORT)