

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: P997184

Luminaire Tested: **SMX6RLSFS010-1200LM-4000K**

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: P997184
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-4000K
Description: 6IN ROUND, 90CRI, 0-10V DIMMING, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 4000K CCT
Ballast/Driver: -

Summary

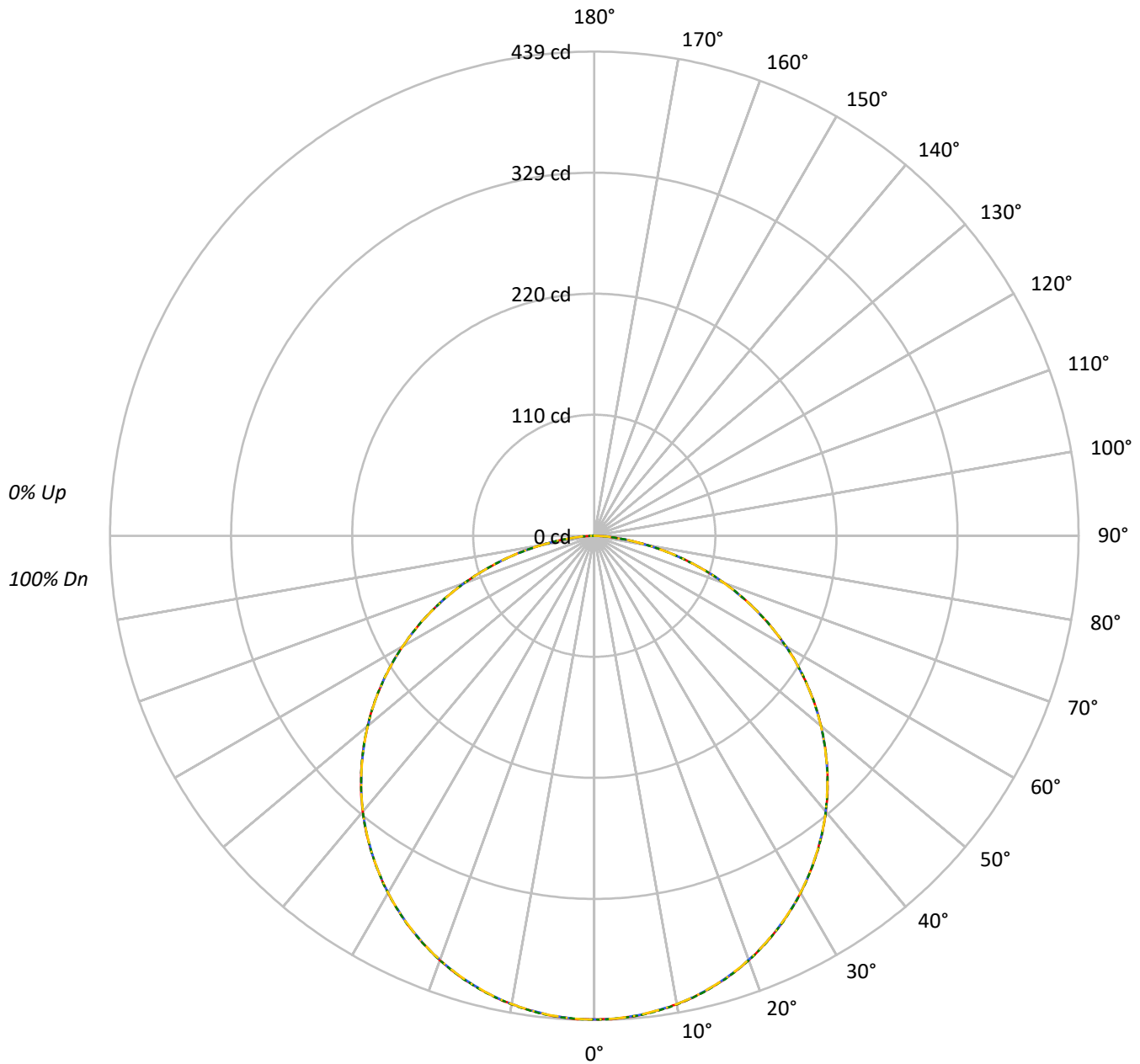
Lumens per Lamp: N/A
Luminaire Lumens: 1277.1 lumens
Efficiency: N/A
Efficacy: 103.0 lumens/watt
Spacing Criteria (0/90/45): 1.27 / 1.27 / 1.39
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 12.4
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°	24039	24039	24039	24039
5°	24048	24042	24048	24042
10°	24020	24014	24020	24014
15°	23962	23967	23962	23967
20°	23895	23890	23895	23890
25°	23790	23784	23790	23784
30°	23675	23681	23675	23681
35°	23523	23530	23523	23530
40°	23365	23351	23365	23351
45°	23157	23157	23157	23157
50°	22891	22873	22891	22873
55°	22508	22537	22508	22537
60°	22005	22005	22005	22005
65°	21273	21260	21273	21260
70°	20100	20084	20100	20084
75°	18300	18343	18300	18343
80°	15501	15469	15501	15469
85°	11070	11007	11070	11007



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	41.5	3.3
10°-20°	119.1	9.3
20°-30°	181.2	14.2
30°-40°	219.8	17.2
40°-50°	230.1	18.0
50°-60°	210.3	16.5
60°-70°	161.7	12.7
70°-80°	91.4	7.2
80°-90°	21.9	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°	341.8	26.8
0°-40°	561.7	44.0
0°-60°	1002.1	78.5
0°-90°	1277.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1277.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	438	438	438	438	438	
5°	437	437	437	437	437	42
15°	422	422	422	422	422	119
25°	393	393	393	393	393	181
35°	352	352	352	352	352	220
45°	299	299	299	299	299	230
55°	236	236	236	236	236	210
65°	164	164	164	164	164	162
75°	86	87	86	87	86	91
85°	18	18	18	18	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°	438.5	438.5	438.5	438.5	438.5	438.5	438.5	438.5	438.5	438.5	438.5
0.5°	438.6	438.2	438.7	438.5	438.7	438.5	438.7	438.2	438.6	438.2	438.7
1°	438.4	438.2	438.5	438.6	438.6	438.6	438.5	438.2	438.4	438.2	438.5
1.5°	438.4	438.1	438.4	438.5	438.6	438.5	438.4	438.1	438.4	438.1	438.4
2°	438.7	438.1	438.3	438.3	438.3	438.3	438.3	438.1	438.7	438.1	438.3
2.5°	438.4	437.8	438.1	438.2	438.2	438.2	438.1	437.8	438.4	437.8	438.1
3°	438.2	437.7	437.8	438.0	437.9	438.0	437.8	437.7	438.2	437.7	437.8
3.5°	437.7	437.4	437.5	437.7	437.9	437.7	437.5	437.4	437.7	437.4	437.5
4°	437.3	437.2	437.3	437.5	437.6	437.5	437.3	437.2	437.3	437.2	437.3
4.5°	437.4	436.9	436.9	437.1	437.2	437.1	436.9	436.9	437.4	436.9	436.9
5°	437.0	436.5	436.7	436.9	436.9	436.9	436.7	436.5	437.0	436.5	436.7
5.5°	436.6	436.2	436.4	436.4	436.6	436.4	436.4	436.2	436.6	436.2	436.4
6°	436.1	435.6	435.8	435.9	436.2	435.9	435.8	435.6	436.1	435.6	435.8
6.5°	435.4	435.3	435.2	435.6	435.8	435.6	435.2	435.3	435.4	435.3	435.2
7°	434.8	434.8	434.7	434.9	435.2	434.9	434.7	434.8	434.8	434.8	434.7
7.5°	434.3	434.3	434.2	434.3	434.9	434.3	434.2	434.3	434.3	434.3	434.2
8°	433.8	433.7	433.6	433.8	434.0	433.8	433.6	433.7	433.8	433.7	433.6
8.5°	433.1	433.2	433.0	433.2	433.5	433.2	433.0	433.2	433.1	433.2	433.0
9°	432.8	432.6	432.5	432.6	432.9	432.6	432.5	432.6	432.8	432.6	432.5
9.5°	431.7	431.7	431.8	431.9	432.2	431.9	431.8	431.7	431.7	431.7	431.8
10°	431.5	431.0	431.0	431.2	431.4	431.2	431.0	431.0	431.5	431.0	431.0
10.5°	430.4	430.4	430.2	430.3	430.9	430.3	430.2	430.4	430.4	430.4	430.2
11°	430.0	429.4	429.4	429.6	429.8	429.6	429.4	429.4	430.0	429.4	429.4
11.5°	429.0	428.7	428.8	428.7	429.0	428.7	428.8	428.7	429.0	428.7	428.8
12°	428.2	427.8	427.8	427.9	428.2	427.9	427.8	427.8	428.2	427.8	427.8
12.5°	427.0	426.7	427.0	426.8	427.3	426.8	427.0	426.7	427.0	426.7	427.0
13°	426.2	425.9	426.0	426.0	426.4	426.0	426.0	425.9	426.2	425.9	426.0
13.5°	425.2	424.8	425.0	425.1	425.5	425.1	425.0	424.8	425.2	424.8	425.0
14°	424.3	423.8	423.9	424.0	424.4	424.0	423.9	423.8	424.3	423.8	423.9
14.5°	423.1	422.7	422.9	422.9	423.4	422.9	422.9	422.7	423.1	422.7	422.9
15°	422.2	421.6	421.8	421.9	422.3	421.9	421.8	421.6	422.2	421.6	421.8
15.5°	420.9	420.7	420.7	420.9	421.1	420.9	420.7	420.7	420.9	420.7	420.7
16°	420.1	419.6	419.5	419.8	420.0	419.8	419.5	419.6	420.1	419.6	419.5
16.5°	418.7	418.6	418.5	418.7	419.0	418.7	418.5	418.6	418.7	418.6	418.5
17°	417.7	417.0	417.2	417.4	417.5	417.4	417.2	417.0	417.7	417.0	417.2
17.5°	416.3	415.8	416.0	416.1	416.4	416.1	416.0	415.8	416.3	415.8	416.0
18°	415.0	414.7	414.6	414.9	415.1	414.9	414.6	414.7	415.0	414.7	414.6
18.5°	413.7	413.3	413.5	413.4	413.8	413.4	413.5	413.3	413.7	413.3	413.5
19°	412.3	411.9	412.0	412.2	412.3	412.2	412.0	411.9	412.3	411.9	412.0
19.5°	410.8	410.5	410.5	410.7	410.9	410.7	410.5	410.5	410.8	410.5	410.5
20°	409.6	408.9	409.1	409.3	409.5	409.3	409.1	408.9	409.6	408.9	409.1
20.5°	407.8	407.5	407.7	407.9	408.1	407.9	407.7	407.5	407.8	407.5	407.7
21°	406.5	406.1	406.3	406.3	406.6	406.3	406.3	406.1	406.5	406.1	406.3

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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°	401.7	401.4	401.5	401.5	401.9	401.5	401.5	401.4	401.7	401.4	401.5
23°	400.1	399.8	399.8	400.0	400.2	400.0	399.8	399.8	400.1	399.8	399.8
23.5°	398.4	398.3	398.1	398.2	398.5	398.2	398.1	398.3	398.4	398.3	398.1
24°	396.8	396.4	396.4	396.6	396.8	396.6	396.4	396.4	396.8	396.4	396.4
24.5°	394.9	394.7	394.8	394.7	395.1	394.7	394.8	394.7	394.9	394.7	394.8
25°	393.3	393.0	393.1	393.0	393.2	393.0	393.1	393.0	393.3	393.0	393.1
25.5°	391.5	391.3	391.2	391.2	391.5	391.2	391.2	391.3	391.5	391.3	391.2
26°	389.7	389.4	389.4	389.4	389.9	389.4	389.4	389.4	389.7	389.4	389.4
26.5°	387.7	387.5	387.6	387.5	387.9	387.5	387.6	387.5	387.7	387.5	387.6
27°	385.8	385.6	385.7	385.7	385.9	385.7	385.7	385.6	385.8	385.6	385.7
27.5°	383.9	383.8	383.7	383.8	384.0	383.8	383.7	383.8	383.9	383.8	383.7
28°	382.0	381.7	381.8	381.9	382.1	381.9	381.8	381.7	382.0	381.7	381.8
28.5°	380.1	379.7	379.9	379.9	380.1	379.9	379.9	379.7	380.1	379.7	379.9
29°	378.1	377.7	377.9	377.9	378.1	377.9	377.9	377.7	378.1	377.7	377.9
29.5°	376.0	375.7	375.8	375.9	376.1	375.9	375.8	375.7	376.0	375.7	375.8
30°	374.0	373.6	373.7	373.9	374.1	373.9	373.7	373.6	374.0	373.6	373.7
30.5°	371.8	371.5	371.6	371.7	371.9	371.7	371.6	371.5	371.8	371.5	371.6
31°	369.7	369.4	369.4	369.5	369.9	369.5	369.4	369.4	369.7	369.4	369.4
31.5°	367.5	367.2	367.3	367.3	367.6	367.3	367.3	367.2	367.5	367.2	367.3
32°	365.3	365.0	365.1	365.1	365.2	365.1	365.1	365.0	365.3	365.0	365.1
32.5°	363.0	362.8	363.0	362.8	363.1	362.8	363.0	362.8	363.0	362.8	363.0
33°	360.7	360.6	360.7	360.6	360.9	360.6	360.7	360.6	360.7	360.6	360.7
33.5°	358.5	358.3	358.3	358.3	358.6	358.3	358.3	358.3	358.5	358.3	358.3
34°	356.2	356.0	356.0	356.0	356.3	356.0	356.0	356.0	356.2	356.0	356.0
34.5°	353.8	353.5	353.6	353.7	353.8	353.7	353.6	353.5	353.8	353.5	353.6
35°	351.5	351.1	351.3	351.4	351.6	351.4	351.3	351.1	351.5	351.1	351.3
35.5°	349.2	348.8	348.9	349.0	349.2	349.0	348.9	348.8	349.2	348.8	348.9
36°	346.6	346.3	346.5	346.6	346.8	346.6	346.5	346.3	346.6	346.3	346.5
36.5°	344.3	344.0	344.1	344.2	344.4	344.2	344.1	344.0	344.3	344.0	344.1
37°	342.0	341.6	341.6	341.8	341.9	341.8	341.6	341.6	342.0	341.6	341.6
37.5°	339.5	339.1	339.3	339.2	339.3	339.2	339.3	339.1	339.5	339.1	339.3
38°	336.8	336.6	336.7	336.8	336.8	336.8	336.7	336.6	336.8	336.6	336.7
38.5°	334.4	334.1	334.0	334.1	334.3	334.1	334.0	334.1	334.4	334.1	334.0
39°	331.7	331.6	331.5	331.7	331.8	331.7	331.5	331.6	331.7	331.6	331.5
39.5°	329.2	329.0	328.8	329.1	329.2	329.1	328.8	329.0	329.2	329.0	328.8
40°	326.5	326.4	326.2	326.3	326.3	326.3	326.2	326.4	326.5	326.4	326.2
40.5°	323.8	323.6	323.5	323.6	323.6	323.6	323.5	323.6	323.8	323.6	323.5
41°	321.2	320.8	320.9	320.9	320.9	320.9	320.9	320.8	321.2	320.8	320.9
41.5°	318.6	318.1	318.1	318.1	318.3	318.1	318.1	318.1	318.6	318.1	318.1
42°	315.8	315.4	315.4	315.4	315.6	315.4	315.4	315.4	315.8	315.4	315.4
42.5°	312.8	312.5	312.6	312.5	312.8	312.5	312.6	312.5	312.8	312.5	312.6
43°	310.1	309.8	309.7	309.8	309.9	309.8	309.7	309.8	310.1	309.8	309.7
43.5°	307.1	306.9	306.9	307.1	307.1	307.1	306.9	306.9	307.1	306.9	306.9

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	298.7	298.4	298.3	298.4	298.7	298.4	298.3	298.4	298.7	298.4	298.3
45.5°	295.6	295.4	295.4	295.5	295.6	295.5	295.4	295.4	295.6	295.4	295.4
46°	292.5	292.5	292.5	292.7	292.7	292.7	292.5	292.5	292.5	292.5	292.5
46.5°	289.6	289.6	289.5	289.6	289.8	289.6	289.5	289.6	289.6	289.6	289.5
47°	286.7	286.6	286.5	286.6	286.7	286.6	286.5	286.6	286.7	286.6	286.5
47.5°	283.7	283.4	283.4	283.6	283.7	283.6	283.4	283.4	283.7	283.4	283.4
48°	280.5	280.2	280.4	280.5	280.7	280.5	280.4	280.2	280.5	280.2	280.4
48.5°	277.4	277.3	277.3	277.5	277.7	277.5	277.3	277.3	277.4	277.3	277.3
49°	274.4	274.2	274.3	274.3	274.5	274.3	274.3	274.2	274.4	274.2	274.3
49.5°	271.3	271.1	271.2	271.1	271.4	271.1	271.2	271.1	271.3	271.1	271.2
50°	268.4	267.9	268.0	268.1	268.2	268.1	268.0	267.9	268.4	267.9	268.0
50.5°	265.1	264.8	264.9	265.0	265.0	265.0	264.9	264.8	265.1	264.8	264.9
51°	261.9	261.7	261.8	261.8	262.0	261.8	261.8	261.7	261.9	261.7	261.8
51.5°	258.8	258.7	258.6	258.6	258.9	258.6	258.6	258.7	258.8	258.7	258.6
52°	255.6	255.4	255.4	255.4	255.6	255.4	255.4	255.4	255.6	255.4	255.4
52.5°	252.4	252.1	252.1	252.2	252.4	252.2	252.1	252.1	252.4	252.1	252.1
53°	249.0	248.8	248.8	248.9	249.0	248.9	248.8	248.8	249.0	248.8	248.8
53.5°	245.7	245.6	245.5	245.5	245.7	245.5	245.5	245.6	245.7	245.6	245.5
54°	242.3	242.2	242.1	242.0	242.4	242.0	242.1	242.2	242.3	242.2	242.1
54.5°	238.9	238.8	238.8	238.8	239.0	238.8	238.8	238.8	238.9	238.8	238.8
55°	235.5	235.4	235.5	235.4	235.8	235.4	235.5	235.4	235.5	235.4	235.5
55.5°	232.1	232.0	232.1	232.0	232.3	232.0	232.1	232.0	232.1	232.0	232.1
56°	228.6	228.5	228.7	228.7	229.1	228.7	228.7	228.5	228.6	228.5	228.7
56.5°	225.2	225.1	225.2	225.2	225.6	225.2	225.2	225.1	225.2	225.1	225.2
57°	221.7	221.7	221.9	221.8	221.9	221.8	221.9	221.7	221.7	221.7	221.9
57.5°	218.3	218.4	218.3	218.3	218.4	218.3	218.3	218.4	218.3	218.4	218.3
58°	215.0	214.8	214.9	214.8	215.1	214.8	214.9	214.8	215.0	214.8	214.9
58.5°	211.5	211.2	211.3	211.3	211.5	211.3	211.3	211.2	211.5	211.2	211.3
59°	207.9	207.7	207.7	207.7	207.9	207.7	207.7	207.7	207.9	207.7	207.7
59.5°	204.2	204.1	204.1	204.1	204.2	204.1	204.1	204.1	204.2	204.1	204.1
60°	200.7	200.5	200.6	200.5	200.7	200.5	200.6	200.5	200.7	200.5	200.6
60.5°	196.9	197.0	196.9	196.9	196.9	196.9	196.9	197.0	196.9	197.0	196.9
61°	193.2	193.3	193.3	193.2	193.3	193.2	193.3	193.3	193.2	193.3	193.3
61.5°	189.8	189.7	189.7	189.7	189.9	189.7	189.7	189.7	189.8	189.7	189.7
62°	186.2	186.0	186.0	186.0	186.2	186.0	186.0	186.0	186.2	186.0	186.0
62.5°	182.5	182.4	182.3	182.3	182.4	182.3	182.3	182.4	182.5	182.4	182.3
63°	178.8	178.7	178.7	178.6	178.7	178.6	178.7	178.7	178.8	178.7	178.7
63.5°	175.2	175.0	175.0	175.0	175.0	175.0	175.0	175.0	175.2	175.0	175.0
64°	171.5	171.2	171.2	171.2	171.4	171.2	171.2	171.2	171.5	171.2	171.2
64.5°	167.8	167.5	167.4	167.5	167.5	167.5	167.4	167.5	167.8	167.5	167.4
65°	164.0	163.8	163.6	163.7	163.9	163.7	163.6	163.8	164.0	163.8	163.6
65.5°	160.2	159.9	159.9	159.9	159.9	159.9	159.9	159.9	160.2	159.9	159.9
66°	156.2	156.0	156.0	156.1	156.3	156.1	156.0	156.0	156.2	156.0	156.0

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997184

CATALOG NUMBER: SMX6RLSFS010-1200LM-4000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	144.6	144.7	144.5	144.6	144.6	144.6	144.5	144.7	144.6	144.7	144.5
68°	140.9	140.9	140.7	140.7	140.9	140.7	140.7	140.9	140.9	140.9	140.7
68.5°	137.0	136.9	136.9	136.9	137.1	136.9	136.9	136.9	137.0	136.9	136.9
69°	133.1	133.0	133.0	133.0	133.2	133.0	133.0	133.0	133.1	133.0	133.0
69.5°	129.2	129.1	129.1	129.1	129.3	129.1	129.1	129.1	129.2	129.1	129.1
70°	125.4	125.2	125.3	125.2	125.3	125.2	125.3	125.2	125.4	125.2	125.3
70.5°	121.4	121.3	121.3	121.2	121.5	121.2	121.3	121.3	121.4	121.3	121.3
71°	117.5	117.4	117.4	117.4	117.6	117.4	117.4	117.4	117.5	117.4	117.4
71.5°	113.6	113.5	113.5	113.5	113.7	113.5	113.5	113.5	113.6	113.5	113.5
72°	109.7	109.6	109.6	109.6	109.8	109.6	109.6	109.6	109.7	109.6	109.6
72.5°	105.8	105.7	105.7	105.7	105.8	105.7	105.7	105.7	105.8	105.7	105.7
73°	102.0	101.9	101.9	101.7	102.0	101.7	101.9	101.9	102.0	101.9	101.9
73.5°	98.0	98.1	98.1	98.0	98.1	98.0	98.1	98.1	98.0	98.1	98.1
74°	94.2	94.2	94.3	94.2	94.3	94.2	94.3	94.2	94.2	94.2	94.3
74.5°	90.4	90.4	90.4	90.3	90.5	90.3	90.4	90.4	90.4	90.4	90.4
75°	86.4	86.5	86.5	86.4	86.6	86.4	86.5	86.5	86.4	86.5	86.5
75.5°	82.6	82.7	82.6	82.6	82.8	82.6	82.6	82.7	82.6	82.7	82.6
76°	78.8	78.8	78.8	78.7	78.9	78.7	78.8	78.8	78.8	78.8	78.8
76.5°	75.0	75.0	75.0	74.9	75.1	74.9	75.0	75.0	75.0	75.0	75.0
77°	71.2	71.2	71.2	71.2	71.3	71.2	71.2	71.2	71.2	71.2	71.2
77.5°	67.4	67.4	67.5	67.4	67.5	67.4	67.5	67.4	67.4	67.4	67.5
78°	63.7	63.7	63.7	63.6	63.7	63.6	63.7	63.7	63.7	63.7	63.7
78.5°	60.0	60.0	60.0	59.9	60.1	59.9	60.0	60.0	60.0	60.0	60.0
79°	56.2	56.2	56.3	56.2	56.3	56.2	56.3	56.2	56.2	56.2	56.3
79.5°	52.6	52.6	52.6	52.5	52.7	52.5	52.6	52.6	52.6	52.6	52.6
80°	49.1	48.9	48.9	48.8	49.0	48.8	48.9	48.9	49.1	48.9	48.9
80.5°	45.4	45.5	45.5	45.4	45.4	45.4	45.5	45.5	45.4	45.5	45.5
81°	41.9	42.0	41.9	42.0	41.9	42.0	41.9	42.0	41.9	42.0	41.9
81.5°	38.5	38.5	38.5	38.5	38.6	38.5	38.5	38.5	38.5	38.5	38.5
82°	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
82.5°	32.0	32.0	32.1	32.1	32.0	32.1	32.1	32.0	32.0	32.0	32.1
83°	29.0	28.9	28.9	28.9	28.9	28.9	28.9	28.9	29.0	28.9	28.9
83.5°	25.9	25.8	25.9	25.9	25.9	25.9	25.9	25.8	25.9	25.8	25.9
84°	23.0	23.0	23.0	23.1	23.0	23.1	23.0	23.0	23.0	23.0	23.0
84.5°	20.3	20.3	20.3	20.4	20.3	20.4	20.3	20.3	20.3	20.3	20.3
85°	17.6	17.6	17.7	17.7	17.5	17.7	17.7	17.6	17.6	17.6	17.7
85.5°	15.0	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.0	15.2	15.2
86°	12.8	12.8	12.9	12.8	12.7	12.8	12.9	12.8	12.8	12.8	12.9
86.5°	10.6	10.6	10.7	10.7	10.6	10.7	10.7	10.6	10.6	10.6	10.7
87°	8.6	8.7	8.7	8.7	8.6	8.7	8.7	8.7	8.6	8.7	8.7
87.5°	6.8	6.9	7.0	6.9	6.8	6.9	7.0	6.9	6.8	6.9	7.0
88°	5.3	5.4	5.4	5.3	5.2	5.3	5.4	5.4	5.3	5.4	5.4
88.5°	4.0	4.0	4.1	4.0	3.9	4.0	4.1	4.0	4.0	4.0	4.1

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

Scaled Data Report



TEST NUMBER: P997184
CATALOG NUMBER: SMX6RLSFS010-1200LM-4000K

CANDELA DISTRIBUTION (continued):

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

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997184

CATALOG NUMBER: SMX6RLSFS010-1200LM-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	438.5	438.5	438.5	438.5	438.5	438.5
0.5°	438.5	438.7	438.5	438.7	438.2	438.6
1°	438.6	438.6	438.6	438.5	438.2	438.4
1.5°	438.5	438.6	438.5	438.4	438.1	438.4
2°	438.3	438.3	438.3	438.3	438.1	438.7
2.5°	438.2	438.2	438.2	438.1	437.8	438.4
3°	438.0	437.9	438.0	437.8	437.7	438.2
3.5°	437.7	437.9	437.7	437.5	437.4	437.7
4°	437.5	437.6	437.5	437.3	437.2	437.3
4.5°	437.1	437.2	437.1	436.9	436.9	437.4
5°	436.9	436.9	436.9	436.7	436.5	437.0
5.5°	436.4	436.6	436.4	436.4	436.2	436.6
6°	435.9	436.2	435.9	435.8	435.6	436.1
6.5°	435.6	435.8	435.6	435.2	435.3	435.4
7°	434.9	435.2	434.9	434.7	434.8	434.8
7.5°	434.3	434.9	434.3	434.2	434.3	434.3
8°	433.8	434.0	433.8	433.6	433.7	433.8
8.5°	433.2	433.5	433.2	433.0	433.2	433.1
9°	432.6	432.9	432.6	432.5	432.6	432.8
9.5°	431.9	432.2	431.9	431.8	431.7	431.7
10°	431.2	431.4	431.2	431.0	431.0	431.5
10.5°	430.3	430.9	430.3	430.2	430.4	430.4
11°	429.6	429.8	429.6	429.4	429.4	430.0
11.5°	428.7	429.0	428.7	428.8	428.7	429.0
12°	427.9	428.2	427.9	427.8	427.8	428.2
12.5°	426.8	427.3	426.8	427.0	426.7	427.0
13°	426.0	426.4	426.0	426.0	425.9	426.2
13.5°	425.1	425.5	425.1	425.0	424.8	425.2
14°	424.0	424.4	424.0	423.9	423.8	424.3
14.5°	422.9	423.4	422.9	422.9	422.7	423.1
15°	421.9	422.3	421.9	421.8	421.6	422.2
15.5°	420.9	421.1	420.9	420.7	420.7	420.9
16°	419.8	420.0	419.8	419.5	419.6	420.1
16.5°	418.7	419.0	418.7	418.5	418.6	418.7
17°	417.4	417.5	417.4	417.2	417.0	417.7
17.5°	416.1	416.4	416.1	416.0	415.8	416.3
18°	414.9	415.1	414.9	414.6	414.7	415.0
18.5°	413.4	413.8	413.4	413.5	413.3	413.7
19°	412.2	412.3	412.2	412.0	411.9	412.3
19.5°	410.7	410.9	410.7	410.5	410.5	410.8
20°	409.3	409.5	409.3	409.1	408.9	409.6
20.5°	407.9	408.1	407.9	407.7	407.5	407.8
21°	406.3	406.6	406.3	406.3	406.1	406.5

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997184

CATALOG NUMBER: SMX6RLSFS010-1200LM-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	401.5	401.9	401.5	401.5	401.4	401.7
23°	400.0	400.2	400.0	399.8	399.8	400.1
23.5°	398.2	398.5	398.2	398.1	398.3	398.4
24°	396.6	396.8	396.6	396.4	396.4	396.8
24.5°	394.7	395.1	394.7	394.8	394.7	394.9
25°	393.0	393.2	393.0	393.1	393.0	393.3
25.5°	391.2	391.5	391.2	391.2	391.3	391.5
26°	389.4	389.9	389.4	389.4	389.4	389.7
26.5°	387.5	387.9	387.5	387.6	387.5	387.7
27°	385.7	385.9	385.7	385.7	385.6	385.8
27.5°	383.8	384.0	383.8	383.7	383.8	383.9
28°	381.9	382.1	381.9	381.8	381.7	382.0
28.5°	379.9	380.1	379.9	379.9	379.7	380.1
29°	377.9	378.1	377.9	377.9	377.7	378.1
29.5°	375.9	376.1	375.9	375.8	375.7	376.0
30°	373.9	374.1	373.9	373.7	373.6	374.0
30.5°	371.7	371.9	371.7	371.6	371.5	371.8
31°	369.5	369.9	369.5	369.4	369.4	369.7
31.5°	367.3	367.6	367.3	367.3	367.2	367.5
32°	365.1	365.2	365.1	365.1	365.0	365.3
32.5°	362.8	363.1	362.8	363.0	362.8	363.0
33°	360.6	360.9	360.6	360.7	360.6	360.7
33.5°	358.3	358.6	358.3	358.3	358.3	358.5
34°	356.0	356.3	356.0	356.0	356.0	356.2
34.5°	353.7	353.8	353.7	353.6	353.5	353.8
35°	351.4	351.6	351.4	351.3	351.1	351.5
35.5°	349.0	349.2	349.0	348.9	348.8	349.2
36°	346.6	346.8	346.6	346.5	346.3	346.6
36.5°	344.2	344.4	344.2	344.1	344.0	344.3
37°	341.8	341.9	341.8	341.6	341.6	342.0
37.5°	339.2	339.3	339.2	339.3	339.1	339.5
38°	336.8	336.8	336.8	336.7	336.6	336.8
38.5°	334.1	334.3	334.1	334.0	334.1	334.4
39°	331.7	331.8	331.7	331.5	331.6	331.7
39.5°	329.1	329.2	329.1	328.8	329.0	329.2
40°	326.3	326.3	326.3	326.2	326.4	326.5
40.5°	323.6	323.6	323.6	323.5	323.6	323.8
41°	320.9	320.9	320.9	320.9	320.8	321.2
41.5°	318.1	318.3	318.1	318.1	318.1	318.6
42°	315.4	315.6	315.4	315.4	315.4	315.8
42.5°	312.5	312.8	312.5	312.6	312.5	312.8
43°	309.8	309.9	309.8	309.7	309.8	310.1
43.5°	307.1	307.1	307.1	306.9	306.9	307.1

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997184

CATALOG NUMBER: SMX6RLSFS010-1200LM-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	298.4	298.7	298.4	298.3	298.4	298.7
45.5°	295.5	295.6	295.5	295.4	295.4	295.6
46°	292.7	292.7	292.7	292.5	292.5	292.5
46.5°	289.6	289.8	289.6	289.5	289.6	289.6
47°	286.6	286.7	286.6	286.5	286.6	286.7
47.5°	283.6	283.7	283.6	283.4	283.4	283.7
48°	280.5	280.7	280.5	280.4	280.2	280.5
48.5°	277.5	277.7	277.5	277.3	277.3	277.4
49°	274.3	274.5	274.3	274.3	274.2	274.4
49.5°	271.1	271.4	271.1	271.2	271.1	271.3
50°	268.1	268.2	268.1	268.0	267.9	268.4
50.5°	265.0	265.0	265.0	264.9	264.8	265.1
51°	261.8	262.0	261.8	261.8	261.7	261.9
51.5°	258.6	258.9	258.6	258.6	258.7	258.8
52°	255.4	255.6	255.4	255.4	255.4	255.6
52.5°	252.2	252.4	252.2	252.1	252.1	252.4
53°	248.9	249.0	248.9	248.8	248.8	249.0
53.5°	245.5	245.7	245.5	245.5	245.6	245.7
54°	242.0	242.4	242.0	242.1	242.2	242.3
54.5°	238.8	239.0	238.8	238.8	238.8	238.9
55°	235.4	235.8	235.4	235.5	235.4	235.5
55.5°	232.0	232.3	232.0	232.1	232.0	232.1
56°	228.7	229.1	228.7	228.7	228.5	228.6
56.5°	225.2	225.6	225.2	225.2	225.1	225.2
57°	221.8	221.9	221.8	221.9	221.7	221.7
57.5°	218.3	218.4	218.3	218.3	218.4	218.3
58°	214.8	215.1	214.8	214.9	214.8	215.0
58.5°	211.3	211.5	211.3	211.3	211.2	211.5
59°	207.7	207.9	207.7	207.7	207.7	207.9
59.5°	204.1	204.2	204.1	204.1	204.1	204.2
60°	200.5	200.7	200.5	200.6	200.5	200.7
60.5°	196.9	196.9	196.9	196.9	197.0	196.9
61°	193.2	193.3	193.2	193.3	193.3	193.2
61.5°	189.7	189.9	189.7	189.7	189.7	189.8
62°	186.0	186.2	186.0	186.0	186.0	186.2
62.5°	182.3	182.4	182.3	182.3	182.4	182.5
63°	178.6	178.7	178.6	178.7	178.7	178.8
63.5°	175.0	175.0	175.0	175.0	175.0	175.2
64°	171.2	171.4	171.2	171.2	171.2	171.5
64.5°	167.5	167.5	167.5	167.4	167.5	167.8
65°	163.7	163.9	163.7	163.6	163.8	164.0
65.5°	159.9	159.9	159.9	159.9	159.9	160.2
66°	156.1	156.3	156.1	156.0	156.0	156.2

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997184

CATALOG NUMBER: SMX6RLSFS010-1200LM-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	144.6	144.6	144.6	144.5	144.7	144.6
68°	140.7	140.9	140.7	140.7	140.9	140.9
68.5°	136.9	137.1	136.9	136.9	136.9	137.0
69°	133.0	133.2	133.0	133.0	133.0	133.1
69.5°	129.1	129.3	129.1	129.1	129.1	129.2
70°	125.2	125.3	125.2	125.3	125.2	125.4
70.5°	121.2	121.5	121.2	121.3	121.3	121.4
71°	117.4	117.6	117.4	117.4	117.4	117.5
71.5°	113.5	113.7	113.5	113.5	113.5	113.6
72°	109.6	109.8	109.6	109.6	109.6	109.7
72.5°	105.7	105.8	105.7	105.7	105.7	105.8
73°	101.7	102.0	101.7	101.9	101.9	102.0
73.5°	98.0	98.1	98.0	98.1	98.1	98.0
74°	94.2	94.3	94.2	94.3	94.2	94.2
74.5°	90.3	90.5	90.3	90.4	90.4	90.4
75°	86.4	86.6	86.4	86.5	86.5	86.4
75.5°	82.6	82.8	82.6	82.6	82.7	82.6
76°	78.7	78.9	78.7	78.8	78.8	78.8
76.5°	74.9	75.1	74.9	75.0	75.0	75.0
77°	71.2	71.3	71.2	71.2	71.2	71.2
77.5°	67.4	67.5	67.4	67.5	67.4	67.4
78°	63.6	63.7	63.6	63.7	63.7	63.7
78.5°	59.9	60.1	59.9	60.0	60.0	60.0
79°	56.2	56.3	56.2	56.3	56.2	56.2
79.5°	52.5	52.7	52.5	52.6	52.6	52.6
80°	48.8	49.0	48.8	48.9	48.9	49.1
80.5°	45.4	45.4	45.4	45.5	45.5	45.4
81°	42.0	41.9	42.0	41.9	42.0	41.9
81.5°	38.5	38.6	38.5	38.5	38.5	38.5
82°	35.2	35.2	35.2	35.2	35.2	35.2
82.5°	32.1	32.0	32.1	32.1	32.0	32.0
83°	28.9	28.9	28.9	28.9	28.9	29.0
83.5°	25.9	25.9	25.9	25.9	25.8	25.9
84°	23.1	23.0	23.1	23.0	23.0	23.0
84.5°	20.4	20.3	20.4	20.3	20.3	20.3
85°	17.7	17.5	17.7	17.7	17.6	17.6
85.5°	15.2	15.2	15.2	15.2	15.2	15.0
86°	12.8	12.7	12.8	12.9	12.8	12.8
86.5°	10.7	10.6	10.7	10.7	10.6	10.6
87°	8.7	8.6	8.7	8.7	8.7	8.6
87.5°	6.9	6.8	6.9	7.0	6.9	6.8
88°	5.3	5.2	5.3	5.4	5.4	5.3
88.5°	4.0	3.9	4.0	4.1	4.0	4.0

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Scaled Data Report



TEST NUMBER: P997184
CATALOG NUMBER: SMX6RLSFS010-1200LM-4000K

CANDELA DISTRIBUTION (continued):

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

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Scaled Data Report

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Peachtree City, GA 30269



Report Generated By 670245859 / DESKTOP-T8S5UU9

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

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21.5°	404.9	404.6	404.6	404.8	405.1	404.8	404.6	404.6	404.9	404.6	404.6
22°	403.2	403.0	403.1	403.2	403.4	403.2	403.1	403.0	403.2	403.0	403.1



44°	304.2	304.1	304.0	304.3	304.3	304.3	304.0	304.1	304.2	304.1	304.0
44.5°	301.5	301.3	301.2	301.4	301.5	301.4	301.2	301.3	301.5	301.3	301.2



66.5°	152.3	152.1	152.2	152.3	152.3	152.3	152.2	152.1	152.3	152.1	152.2
67°	148.4	148.4	148.4	148.6	148.4	148.4	148.4	148.4	148.4	148.4	148.4



89°	2.9	2.8	2.9	3.0	2.8	3.0	2.9	2.8	2.9	2.8	2.9
89.5°	2.0	2.0	1.9	2.1	2.1	2.1	1.9	2.0	2.0	2.0	1.9

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21.5°	404.8	405.1	404.8	404.6	404.6	404.9
22°	403.2	403.4	403.2	403.1	403.0	403.2

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44°	304.3	304.3	304.3	304.0	304.1	304.2
44.5°	301.4	301.5	301.4	301.2	301.3	301.5

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66.5°	152.3	152.3	152.3	152.2	152.1	152.3
67°	148.4	148.6	148.4	148.4	148.4	148.4

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89°	3.0	2.8	3.0	2.9	2.8	2.9
89.5°	2.1	2.1	2.1	1.9	2.0	2.0

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Scaled Data Report



(END OF REPORT)