

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: P997213

Luminaire Tested: **SMX6SLSFSD2W-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: P997213
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (A2410656A001)
Test Lab:
Issue Date: 3/11/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: HALO
Catalog Number: SMX6SLSFSD2W-1200LM-3500K
Description: 6IN SQAURE, 90CRI, DIMMING TO 10%, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 3500K CCT
Ballast/Driver: -

Summary

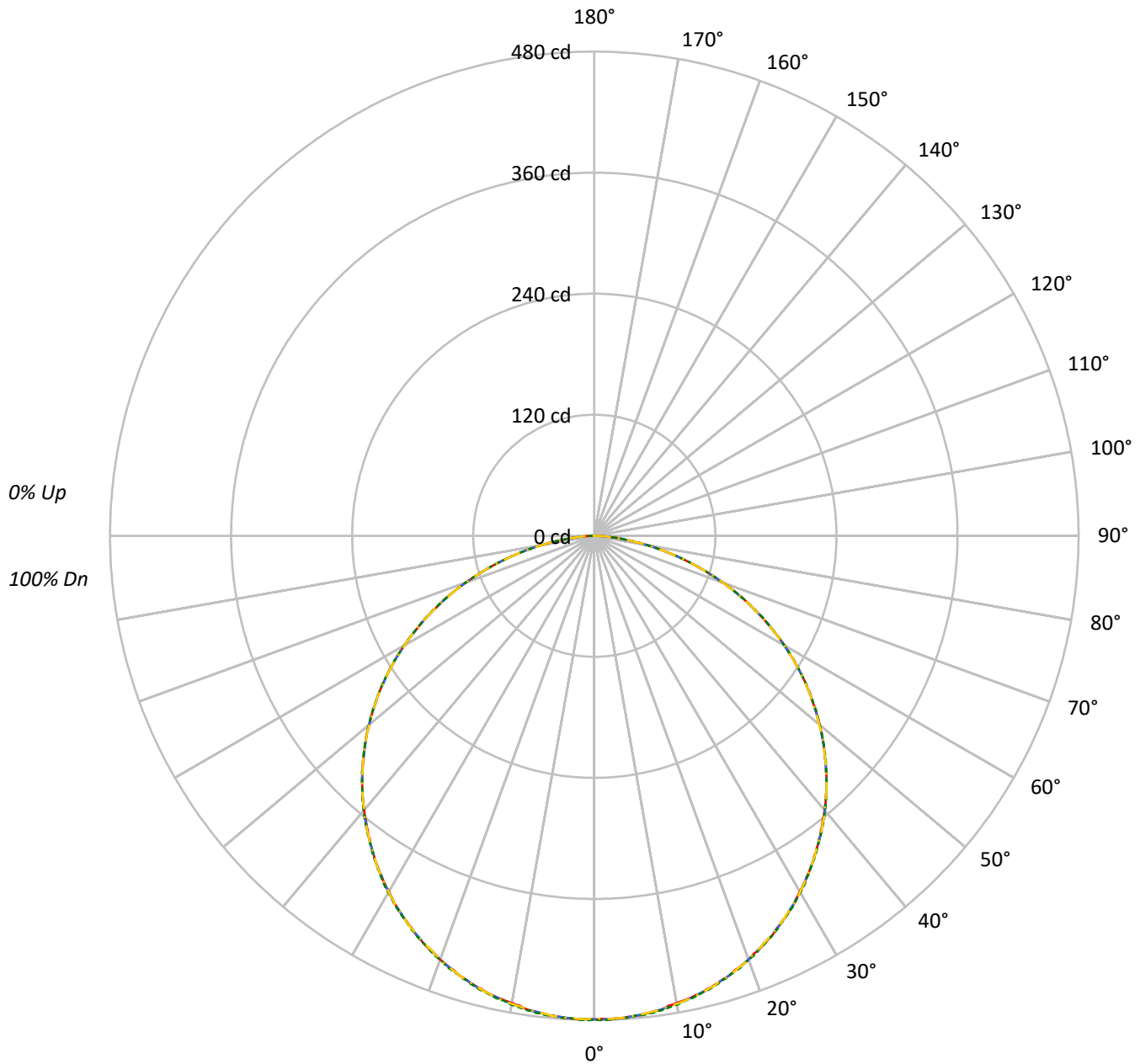
Lumens per Lamp: N/A
Luminaire Lumens: 1388.1 lumens
Efficiency: N/A
Efficacy: 102.1 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.27 / 1.38
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 13.6
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					10
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	84	78	96	89	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	62	69	65	61	58		
4	82	70	61	54	80	69	60	54	66	59	53	64	58	53	62	56	52	50		
5	76	63	53	47	73	61	53	47	59	52	46	57	51	45	55	50	45	43		
6	70	56	47	41	68	55	47	41	53	46	40	52	45	40	50	44	39	37		
7	65	51	42	36	63	50	42	36	49	41	36	47	40	35	46	40	35	33		
8	60	46	38	32	59	46	38	32	44	37	32	43	36	31	42	36	31	29		
9	56	43	34	29	55	42	34	29	41	34	29	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°	20641	20641	20641	20641
5°	20638	20629	20638	20629
10°	20566	20645	20566	20645
15°	20549	20580	20549	20580
20°	20486	20499	20486	20499
25°	20376	20423	20376	20423
30°	20240	20299	20240	20299
35°	20131	20152	20131	20152
40°	19953	20003	19953	20003
45°	19777	19795	19777	19795
50°	19525	19559	19525	19559
55°	19202	19239	19202	19239
60°	18738	18764	18738	18764
65°	18073	18124	18073	18124
70°	17070	17083	17070	17083
75°	15471	15488	15471	15488
80°	13017	13067	13017	13067
85°	8942	9238	8942	9238

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°	45.4	3.3
10°-20°	130.1	9.4
20°-30°	197.8	14.2
30°-40°	239.6	17.3
40°-50°	250.4	18.0
50°-60°	228.3	16.4
60°-70°	175.1	12.6
70°-80°	98.4	7.1
80°-90°	22.9	1.6
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°	373.3	26.9
0°-40°	612.9	44.2
0°-60°	1091.6	78.6
0°-90°	1388.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1388.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	479	479	479	479	479	
5°	478	477	478	477	478	45
15°	461	462	461	462	461	130
25°	429	430	429	430	429	198
35°	383	383	383	383	383	239
45°	325	325	325	325	325	250
55°	256	256	256	256	256	228
65°	177	178	177	178	177	175
75°	93	93	93	93	93	98
85°	18	19	18	19	18	23
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°	479.4	479.4	479.4	479.4	479.4	479.4	479.4	479.4	479.4	479.4	479.4
0.5°	479.4	479.2	479.0	479.8	480.2	479.8	479.0	479.2	479.4	479.2	479.0
1°	479.1	479.1	479.3	479.8	480.2	479.8	479.3	479.1	479.1	479.1	479.3
1.5°	479.6	478.8	479.3	479.6	480.2	479.6	479.3	478.8	479.6	478.8	479.3
2°	479.6	478.7	479.1	479.8	480.2	479.8	479.1	478.7	479.6	478.7	479.1
2.5°	479.0	478.6	478.8	479.5	479.2	479.5	478.8	478.6	479.0	478.6	478.8
3°	478.9	478.1	478.7	479.4	478.9	479.4	478.7	478.1	478.9	478.1	478.7
3.5°	478.7	477.9	478.6	479.0	478.6	479.0	478.6	477.9	478.7	477.9	478.6
4°	478.2	477.9	478.3	478.5	478.9	478.5	478.3	477.9	478.2	477.9	478.3
4.5°	478.0	477.2	477.9	477.9	478.2	477.9	477.9	477.2	478.0	477.2	477.9
5°	477.5	476.6	477.7	477.4	477.3	477.4	477.7	476.6	477.5	476.6	477.7
5.5°	477.7	476.6	476.9	477.0	477.7	477.0	476.9	476.6	477.7	476.6	476.9
6°	476.3	475.9	476.4	476.9	477.6	476.9	476.4	475.9	476.3	475.9	476.4
6.5°	476.0	475.5	475.8	476.0	476.5	476.0	475.8	475.5	476.0	475.5	475.8
7°	475.5	475.0	475.2	475.7	476.5	475.7	475.2	475.0	475.5	475.0	475.2
7.5°	474.9	474.4	475.0	474.7	475.2	474.7	475.0	474.4	474.9	474.4	475.0
8°	474.4	473.3	474.5	474.3	475.3	474.3	474.5	473.3	474.4	473.3	474.5
8.5°	473.4	473.1	473.4	473.6	474.2	473.6	473.4	473.1	473.4	473.1	473.4
9°	471.6	472.3	472.5	473.2	473.5	473.2	472.5	472.3	471.6	472.3	472.5
9.5°	471.3	471.8	471.7	472.8	472.5	472.8	471.7	471.8	471.3	471.8	471.7
10°	470.4	471.1	471.0	471.9	472.2	471.9	471.0	471.1	470.4	471.1	471.0
10.5°	469.7	469.9	470.4	470.8	471.1	470.8	470.4	469.9	469.7	469.9	470.4
11°	469.1	468.9	469.6	470.3	469.5	470.3	469.6	468.9	469.1	468.9	469.6
11.5°	468.3	468.1	468.9	468.7	469.1	468.7	468.9	468.1	468.3	468.1	468.9
12°	467.5	466.8	467.4	468.2	468.7	468.2	467.4	466.8	467.5	466.8	467.4
12.5°	466.4	466.2	466.7	467.2	467.2	467.2	466.7	466.2	466.4	466.2	466.7
13°	465.7	465.0	465.5	465.8	466.2	465.8	465.5	465.0	465.7	465.0	465.5
13.5°	464.6	463.9	464.9	464.5	464.7	464.5	464.9	463.9	464.6	463.9	464.9
14°	463.1	463.1	463.5	463.6	464.4	463.6	463.5	463.1	463.1	463.1	463.5
14.5°	462.3	461.9	462.5	462.5	463.1	462.5	462.5	461.9	462.3	461.9	462.5
15°	461.0	460.8	461.5	461.3	461.7	461.3	461.5	460.8	461.0	460.8	461.5
15.5°	459.8	459.4	459.6	460.1	460.7	460.1	459.6	459.4	459.8	459.4	459.6
16°	458.2	458.3	458.6	459.0	458.6	459.0	458.6	458.3	458.2	458.3	458.6
16.5°	457.2	456.8	457.3	457.6	457.9	457.6	457.3	456.8	457.2	456.8	457.3
17°	456.0	455.5	456.1	456.6	455.9	456.6	456.1	455.5	456.0	455.5	456.1
17.5°	454.4	453.9	454.5	454.6	454.9	454.6	454.5	453.9	454.4	453.9	454.5
18°	452.5	452.4	453.0	453.4	453.5	453.4	453.0	452.4	452.5	452.4	453.0
18.5°	451.5	451.5	451.4	451.8	452.5	451.8	451.4	451.5	451.5	451.5	451.4
19°	450.1	449.9	450.4	450.4	451.2	450.4	450.4	449.9	450.1	449.9	450.4
19.5°	448.4	447.7	448.9	448.6	448.6	448.6	448.9	447.7	448.4	447.7	448.9
20°	447.1	446.8	447.0	447.3	447.4	447.3	447.0	446.8	447.1	446.8	447.0
20.5°	445.4	444.5	445.2	445.4	446.0	445.4	445.2	444.5	445.4	444.5	445.2
21°	443.3	443.3	443.3	444.0	444.5	444.0	443.3	443.3	443.3	443.3	443.3

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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°	438.8	437.5	437.7	439.2	438.9	439.2	437.7	437.5	438.8	437.5	437.7
23°	436.9	436.0	436.4	437.5	437.2	437.5	436.4	436.0	436.9	436.0	436.4
23.5°	434.9	434.1	434.6	435.5	435.3	435.5	434.6	434.1	434.9	434.1	434.6
24°	433.5	432.3	432.9	433.3	433.8	433.3	432.9	432.3	433.5	432.3	432.9
24.5°	431.2	430.6	430.8	431.1	431.6	431.1	430.8	430.6	431.2	430.6	430.8
25°	428.9	428.9	429.2	429.4	429.9	429.4	429.2	428.9	428.9	428.9	429.2
25.5°	427.2	426.8	427.4	427.6	427.5	427.6	427.4	426.8	427.2	426.8	427.4
26°	424.9	424.8	425.2	425.3	425.7	425.3	425.2	424.8	424.9	424.8	425.2
26.5°	423.3	422.6	423.2	423.3	423.4	423.3	423.2	422.6	423.3	422.6	423.2
27°	421.1	420.6	420.7	421.3	421.7	421.3	420.7	420.6	421.1	420.6	420.7
27.5°	419.1	418.4	418.7	419.2	419.6	419.2	418.7	418.4	419.1	418.4	418.7
28°	416.9	416.4	416.9	417.2	417.6	417.2	416.9	416.4	416.9	416.4	416.9
28.5°	414.8	414.0	414.8	414.9	415.5	414.9	414.8	414.0	414.8	414.0	414.8
29°	412.0	411.8	412.2	412.4	413.0	412.4	412.2	411.8	412.0	411.8	412.2
29.5°	409.9	409.6	410.2	410.2	410.7	410.2	410.2	409.6	409.9	409.6	410.2
30°	407.1	407.5	407.7	407.9	408.3	407.9	407.7	407.5	407.1	407.5	407.7
30.5°	405.3	404.8	405.4	405.7	406.6	405.7	405.4	404.8	405.3	404.8	405.4
31°	402.9	402.4	403.0	403.3	404.0	403.3	403.0	402.4	402.9	402.4	403.0
31.5°	400.6	399.9	400.6	400.9	401.6	400.9	400.6	399.9	400.6	399.9	400.6
32°	397.8	397.5	398.0	398.4	398.6	398.4	398.0	397.5	397.8	397.5	398.0
32.5°	395.7	394.9	396.0	396.0	396.3	396.0	396.0	394.9	395.7	394.9	396.0
33°	393.0	393.0	393.3	393.7	393.7	393.7	393.3	393.0	393.0	393.0	393.3
33.5°	390.9	390.0	391.0	391.1	390.9	391.1	391.0	390.0	390.9	390.0	391.0
34°	388.3	388.3	387.8	388.5	388.4	388.5	387.8	388.3	388.3	388.3	387.8
34.5°	385.2	385.3	385.6	385.9	386.2	385.9	385.6	385.3	385.2	385.3	385.6
35°	383.0	382.8	382.6	383.2	383.4	383.2	382.6	382.8	383.0	382.8	382.6
35.5°	379.9	380.3	380.1	380.9	380.4	380.9	380.1	380.3	379.9	380.3	380.1
36°	377.8	377.4	377.5	378.3	377.6	378.3	377.5	377.4	377.8	377.4	377.5
36.5°	374.3	374.3	374.9	375.3	375.0	375.3	374.9	374.3	374.3	374.3	374.9
37°	372.6	371.7	372.0	372.3	372.7	372.3	372.0	371.7	372.6	371.7	372.0
37.5°	368.6	368.9	369.7	370.2	370.1	370.2	369.7	368.9	368.6	368.9	369.7
38°	366.2	366.5	366.6	367.2	367.1	367.2	366.6	366.5	366.2	366.5	366.6
38.5°	363.2	363.3	363.6	364.5	364.3	364.5	363.6	363.3	363.2	363.3	363.6
39°	360.6	360.9	361.2	361.3	361.8	361.3	361.2	360.9	360.6	360.9	361.2
39.5°	357.8	357.8	358.5	358.5	358.5	358.5	358.5	357.8	357.8	357.8	358.5
40°	355.0	354.8	355.2	355.7	355.9	355.7	355.2	354.8	355.0	354.8	355.2
40.5°	352.1	351.7	352.2	352.9	352.9	352.9	352.2	351.7	352.1	351.7	352.2
41°	349.4	349.2	349.3	349.6	349.9	349.6	349.3	349.2	349.4	349.2	349.3
41.5°	346.2	345.8	346.4	346.7	347.0	346.7	346.4	345.8	346.2	345.8	346.4
42°	343.3	342.8	343.4	343.9	343.3	343.9	343.4	342.8	343.3	342.8	343.4
42.5°	340.4	339.8	340.4	341.0	340.5	341.0	340.4	339.8	340.4	339.8	340.4
43°	337.2	337.2	337.3	337.7	337.7	337.7	337.3	337.2	337.2	337.2	337.3
43.5°	334.2	333.8	334.0	334.5	334.6	334.5	334.0	333.8	334.2	333.8	334.0

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	324.8	324.3	324.6	325.2	325.1	325.2	324.6	324.3	324.8	324.3	324.6
45.5°	321.5	320.8	321.3	321.8	321.8	321.8	321.3	320.8	321.5	320.8	321.3
46°	318.1	317.8	318.2	318.6	318.6	318.6	318.2	317.8	318.1	317.8	318.2
46.5°	314.8	314.4	314.6	315.0	315.3	315.0	314.6	314.4	314.8	314.4	314.6
47°	311.7	311.3	311.7	311.9	312.0	311.9	311.7	311.3	311.7	311.3	311.7
47.5°	308.5	307.9	308.4	308.8	308.9	308.8	308.4	307.9	308.5	307.9	308.4
48°	305.0	304.6	305.0	305.5	305.7	305.5	305.0	304.6	305.0	304.6	305.0
48.5°	301.8	301.4	301.7	301.8	302.1	301.8	301.7	301.4	301.8	301.4	301.7
49°	298.7	298.1	298.3	298.9	298.6	298.9	298.3	298.1	298.7	298.1	298.3
49.5°	295.0	294.6	294.8	295.1	295.6	295.1	294.8	294.6	295.0	294.6	294.8
50°	291.5	291.1	291.1	291.9	292.0	291.9	291.1	291.1	291.5	291.1	291.1
50.5°	288.1	287.6	287.6	288.3	288.5	288.3	287.6	287.6	288.1	287.6	287.6
51°	284.6	284.1	284.0	284.8	284.9	284.8	284.0	284.1	284.6	284.1	284.0
51.5°	281.0	280.7	280.8	281.2	281.6	281.2	280.8	280.7	281.0	280.7	280.8
52°	277.3	277.1	277.0	277.6	278.0	277.6	277.0	277.1	277.3	277.1	277.0
52.5°	273.5	273.4	273.7	274.1	274.3	274.1	273.7	273.4	273.5	273.4	273.7
53°	270.2	269.9	270.2	270.4	270.6	270.4	270.2	269.9	270.2	269.9	270.2
53.5°	266.9	266.3	266.8	266.5	267.1	266.5	266.8	266.3	266.9	266.3	266.8
54°	263.2	262.7	262.9	263.3	263.5	263.3	262.9	262.7	263.2	262.7	262.9
54.5°	259.5	259.0	259.2	259.7	259.8	259.7	259.2	259.0	259.5	259.0	259.2
55°	255.8	255.4	255.5	256.0	256.3	256.0	255.5	255.4	255.8	255.4	255.5
55.5°	252.3	251.7	251.8	252.1	252.6	252.1	251.8	251.7	252.3	251.7	251.8
56°	248.4	247.8	248.1	248.3	248.6	248.3	248.1	247.8	248.4	247.8	248.1
56.5°	244.6	244.1	244.4	244.6	244.7	244.6	244.4	244.1	244.6	244.1	244.4
57°	240.6	240.2	240.5	240.9	241.1	240.9	240.5	240.2	240.6	240.2	240.5
57.5°	236.8	236.4	236.7	237.2	237.3	237.2	236.7	236.4	236.8	236.4	236.7
58°	233.1	232.6	233.0	233.3	233.4	233.3	233.0	232.6	233.1	232.6	233.0
58.5°	229.3	228.9	229.2	229.4	229.5	229.4	229.2	228.9	229.3	228.9	229.2
59°	225.6	225.1	225.0	225.4	225.8	225.4	225.0	225.1	225.6	225.1	225.0
59.5°	221.5	221.2	221.1	221.5	221.8	221.5	221.1	221.2	221.5	221.2	221.1
60°	217.6	217.2	217.2	217.7	217.9	217.7	217.2	217.2	217.6	217.2	217.2
60.5°	213.7	213.3	213.3	213.7	214.0	213.7	213.3	213.3	213.7	213.3	213.3
61°	209.5	209.4	209.3	209.8	210.0	209.8	209.3	209.4	209.5	209.4	209.3
61.5°	205.5	205.3	205.5	205.8	205.9	205.8	205.5	205.3	205.5	205.3	205.5
62°	201.4	201.4	201.4	201.8	202.0	201.8	201.4	201.4	201.4	201.4	201.4
62.5°	197.4	197.4	197.5	197.9	197.9	197.9	197.5	197.4	197.4	197.4	197.5
63°	193.5	193.4	193.5	194.0	194.0	194.0	193.5	193.4	193.5	193.4	193.5
63.5°	189.4	189.4	189.6	189.7	190.1	189.7	189.6	189.4	189.4	189.4	189.6
64°	185.4	185.2	185.5	185.6	186.2	185.6	185.5	185.2	185.4	185.2	185.5
64.5°	181.3	181.2	181.4	181.5	182.0	181.5	181.4	181.2	181.3	181.2	181.4
65°	177.4	177.1	177.2	177.4	177.9	177.4	177.2	177.1	177.4	177.1	177.2
65.5°	173.1	172.9	173.1	173.3	173.5	173.3	173.1	172.9	173.1	172.9	173.1
66°	168.9	168.7	168.8	169.3	169.4	169.3	168.8	168.7	168.9	168.7	168.8

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997213

CATALOG NUMBER: SMX6SLSFSD2W-1200LM-3500K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	156.7	156.2	156.3	156.6	156.8	156.6	156.3	156.2	156.7	156.2	156.3
68°	152.5	152.1	152.2	152.4	152.7	152.4	152.2	152.1	152.5	152.1	152.2
68.5°	148.2	148.0	148.2	148.4	148.4	148.4	148.2	148.0	148.2	148.0	148.2
69°	144.0	143.7	143.6	144.0	144.1	144.0	143.6	143.7	144.0	143.7	143.6
69.5°	139.7	139.5	139.5	139.9	139.9	139.9	139.5	139.5	139.7	139.5	139.5
70°	135.6	135.4	135.5	135.6	135.7	135.6	135.5	135.4	135.6	135.4	135.5
70.5°	131.2	130.9	131.1	131.5	131.4	131.5	131.1	130.9	131.2	130.9	131.1
71°	127.1	126.8	126.9	127.2	127.2	127.2	126.9	126.8	127.1	126.8	126.9
71.5°	122.7	122.5	122.7	122.9	122.8	122.9	122.7	122.5	122.7	122.5	122.7
72°	118.3	118.2	118.2	118.6	118.6	118.6	118.2	118.2	118.3	118.2	118.2
72.5°	114.2	114.0	114.1	114.5	114.3	114.5	114.1	114.0	114.2	114.0	114.1
73°	109.7	109.8	109.8	110.2	110.1	110.2	109.8	109.8	109.7	109.8	109.8
73.5°	105.7	105.5	105.5	105.8	105.8	105.8	105.5	105.5	105.7	105.5	105.5
74°	101.6	101.5	101.5	101.5	101.7	101.5	101.5	101.5	101.6	101.5	101.5
74.5°	97.3	97.3	97.2	97.4	97.4	97.4	97.2	97.3	97.3	97.3	97.2
75°	93.0	93.0	93.0	93.2	93.1	93.2	93.0	93.0	93.0	93.0	93.0
75.5°	88.8	88.7	88.8	89.0	89.0	89.0	88.8	88.7	88.8	88.7	88.8
76°	84.7	84.5	84.6	84.6	84.7	84.6	84.6	84.5	84.7	84.5	84.6
76.5°	80.4	80.3	80.4	80.6	80.5	80.6	80.4	80.3	80.4	80.3	80.4
77°	76.2	76.3	76.4	76.5	76.6	76.5	76.4	76.3	76.2	76.3	76.4
77.5°	72.3	72.2	72.3	72.5	72.5	72.5	72.3	72.2	72.3	72.2	72.3
78°	68.3	68.2	68.3	68.5	68.6	68.5	68.3	68.2	68.3	68.2	68.3
78.5°	64.4	64.3	64.2	64.6	64.6	64.6	64.2	64.3	64.4	64.3	64.2
79°	60.5	60.4	60.4	60.5	60.6	60.5	60.4	60.4	60.5	60.4	60.4
79.5°	56.5	56.4	56.4	56.6	56.6	56.6	56.4	56.4	56.5	56.4	56.4
80°	52.5	52.4	52.5	52.7	52.7	52.7	52.5	52.4	52.5	52.4	52.5
80.5°	48.6	48.6	48.6	48.9	48.8	48.9	48.6	48.6	48.6	48.6	48.6
81°	44.9	44.8	44.9	45.0	45.0	45.0	44.9	44.8	44.9	44.8	44.9
81.5°	41.1	41.0	41.1	41.3	41.3	41.3	41.1	41.0	41.1	41.0	41.1
82°	37.3	37.3	37.4	37.6	37.7	37.6	37.4	37.3	37.3	37.3	37.4
82.5°	33.8	33.7	34.0	34.2	34.3	34.2	34.0	33.7	33.8	33.7	34.0
83°	30.4	30.4	30.5	30.8	30.9	30.8	30.5	30.4	30.4	30.4	30.5
83.5°	27.1	27.1	27.2	27.5	27.6	27.5	27.2	27.1	27.1	27.1	27.2
84°	24.0	24.0	24.1	24.3	24.4	24.3	24.1	24.0	24.0	24.0	24.1
84.5°	21.0	21.0	21.1	21.3	21.5	21.3	21.1	21.0	21.0	21.0	21.1
85°	18.1	18.1	18.1	18.5	18.7	18.5	18.1	18.1	18.1	18.1	18.1
85.5°	15.3	15.3	15.5	15.7	16.0	15.7	15.5	15.3	15.3	15.3	15.5
86°	12.7	12.8	13.0	13.2	13.5	13.2	13.0	12.8	12.7	12.8	13.0
86.5°	10.3	10.4	10.6	10.8	11.2	10.8	10.6	10.4	10.3	10.4	10.6
87°	8.2	8.3	8.5	8.7	9.0	8.7	8.5	8.3	8.2	8.3	8.5
87.5°	6.3	6.4	6.6	6.8	7.2	6.8	6.6	6.4	6.3	6.4	6.6
88°	4.6	4.6	4.9	5.1	5.5	5.1	4.9	4.6	4.6	4.6	4.9
88.5°	3.1	3.2	3.4	3.7	4.1	3.7	3.4	3.2	3.1	3.2	3.4

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

Scaled Data Report



TEST NUMBER: P997213
CATALOG NUMBER: SMX6SLSFSD2W-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: P997213

CATALOG NUMBER: SMX6SLSFSD2W-1200LM-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	479.4	479.4	479.4	479.4	479.4	479.4
0.5°	479.8	480.2	479.8	479.0	479.2	479.4
1°	479.8	480.2	479.8	479.3	479.1	479.1
1.5°	479.6	480.2	479.6	479.3	478.8	479.6
2°	479.8	480.2	479.8	479.1	478.7	479.6
2.5°	479.5	479.2	479.5	478.8	478.6	479.0
3°	479.4	478.9	479.4	478.7	478.1	478.9
3.5°	479.0	478.6	479.0	478.6	477.9	478.7
4°	478.5	478.9	478.5	478.3	477.9	478.2
4.5°	477.9	478.2	477.9	477.9	477.2	478.0
5°	477.4	477.3	477.4	477.7	476.6	477.5
5.5°	477.0	477.7	477.0	476.9	476.6	477.7
6°	476.9	477.6	476.9	476.4	475.9	476.3
6.5°	476.0	476.5	476.0	475.8	475.5	476.0
7°	475.7	476.5	475.7	475.2	475.0	475.5
7.5°	474.7	475.2	474.7	475.0	474.4	474.9
8°	474.3	475.3	474.3	474.5	473.3	474.4
8.5°	473.6	474.2	473.6	473.4	473.1	473.4
9°	473.2	473.5	473.2	472.5	472.3	471.6
9.5°	472.8	472.5	472.8	471.7	471.8	471.3
10°	471.9	472.2	471.9	471.0	471.1	470.4
10.5°	470.8	471.1	470.8	470.4	469.9	469.7
11°	470.3	469.5	470.3	469.6	468.9	469.1
11.5°	468.7	469.1	468.7	468.9	468.1	468.3
12°	468.2	468.7	468.2	467.4	466.8	467.5
12.5°	467.2	467.2	467.2	466.7	466.2	466.4
13°	465.8	466.2	465.8	465.5	465.0	465.7
13.5°	464.5	464.7	464.5	464.9	463.9	464.6
14°	463.6	464.4	463.6	463.5	463.1	463.1
14.5°	462.5	463.1	462.5	462.5	461.9	462.3
15°	461.3	461.7	461.3	461.5	460.8	461.0
15.5°	460.1	460.7	460.1	459.6	459.4	459.8
16°	459.0	458.6	459.0	458.6	458.3	458.2
16.5°	457.6	457.9	457.6	457.3	456.8	457.2
17°	456.6	455.9	456.6	456.1	455.5	456.0
17.5°	454.6	454.9	454.6	454.5	453.9	454.4
18°	453.4	453.5	453.4	453.0	452.4	452.5
18.5°	451.8	452.5	451.8	451.4	451.5	451.5
19°	450.4	451.2	450.4	450.4	449.9	450.1
19.5°	448.6	448.6	448.6	448.9	447.7	448.4
20°	447.3	447.4	447.3	447.0	446.8	447.1
20.5°	445.4	446.0	445.4	445.2	444.5	445.4
21°	444.0	444.5	444.0	443.3	443.3	443.3

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997213

CATALOG NUMBER: SMX6SLSFSD2W-1200LM-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	439.2	438.9	439.2	437.7	437.5	438.8
23°	437.5	437.2	437.5	436.4	436.0	436.9
23.5°	435.5	435.3	435.5	434.6	434.1	434.9
24°	433.3	433.8	433.3	432.9	432.3	433.5
24.5°	431.1	431.6	431.1	430.8	430.6	431.2
25°	429.4	429.9	429.4	429.2	428.9	428.9
25.5°	427.6	427.5	427.6	427.4	426.8	427.2
26°	425.3	425.7	425.3	425.2	424.8	424.9
26.5°	423.3	423.4	423.3	423.2	422.6	423.3
27°	421.3	421.7	421.3	420.7	420.6	421.1
27.5°	419.2	419.6	419.2	418.7	418.4	419.1
28°	417.2	417.6	417.2	416.9	416.4	416.9
28.5°	414.9	415.5	414.9	414.8	414.0	414.8
29°	412.4	413.0	412.4	412.2	411.8	412.0
29.5°	410.2	410.7	410.2	410.2	409.6	409.9
30°	407.9	408.3	407.9	407.7	407.5	407.1
30.5°	405.7	406.6	405.7	405.4	404.8	405.3
31°	403.3	404.0	403.3	403.0	402.4	402.9
31.5°	400.9	401.6	400.9	400.6	399.9	400.6
32°	398.4	398.6	398.4	398.0	397.5	397.8
32.5°	396.0	396.3	396.0	396.0	394.9	395.7
33°	393.7	393.7	393.7	393.3	393.0	393.0
33.5°	391.1	390.9	391.1	391.0	390.0	390.9
34°	388.5	388.4	388.5	387.8	388.3	388.3
34.5°	385.9	386.2	385.9	385.6	385.3	385.2
35°	383.2	383.4	383.2	382.6	382.8	383.0
35.5°	380.9	380.4	380.9	380.1	380.3	379.9
36°	378.3	377.6	378.3	377.5	377.4	377.8
36.5°	375.3	375.0	375.3	374.9	374.3	374.3
37°	372.3	372.7	372.3	372.0	371.7	372.6
37.5°	370.2	370.1	370.2	369.7	368.9	368.6
38°	367.2	367.1	367.2	366.6	366.5	366.2
38.5°	364.5	364.3	364.5	363.6	363.3	363.2
39°	361.3	361.8	361.3	361.2	360.9	360.6
39.5°	358.5	358.5	358.5	358.5	357.8	357.8
40°	355.7	355.9	355.7	355.2	354.8	355.0
40.5°	352.9	352.9	352.9	352.2	351.7	352.1
41°	349.6	349.9	349.6	349.3	349.2	349.4
41.5°	346.7	347.0	346.7	346.4	345.8	346.2
42°	343.9	343.3	343.9	343.4	342.8	343.3
42.5°	341.0	340.5	341.0	340.4	339.8	340.4
43°	337.7	337.7	337.7	337.3	337.2	337.2
43.5°	334.5	334.6	334.5	334.0	333.8	334.2

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997213

CATALOG NUMBER: SMX6SLSFSD2W-1200LM-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	325.2	325.1	325.2	324.6	324.3	324.8
45.5°	321.8	321.8	321.8	321.3	320.8	321.5
46°	318.6	318.6	318.6	318.2	317.8	318.1
46.5°	315.0	315.3	315.0	314.6	314.4	314.8
47°	311.9	312.0	311.9	311.7	311.3	311.7
47.5°	308.8	308.9	308.8	308.4	307.9	308.5
48°	305.5	305.7	305.5	305.0	304.6	305.0
48.5°	301.8	302.1	301.8	301.7	301.4	301.8
49°	298.9	298.6	298.9	298.3	298.1	298.7
49.5°	295.1	295.6	295.1	294.8	294.6	295.0
50°	291.9	292.0	291.9	291.1	291.1	291.5
50.5°	288.3	288.5	288.3	287.6	287.6	288.1
51°	284.8	284.9	284.8	284.0	284.1	284.6
51.5°	281.2	281.6	281.2	280.8	280.7	281.0
52°	277.6	278.0	277.6	277.0	277.1	277.3
52.5°	274.1	274.3	274.1	273.7	273.4	273.5
53°	270.4	270.6	270.4	270.2	269.9	270.2
53.5°	266.5	267.1	266.5	266.8	266.3	266.9
54°	263.3	263.5	263.3	262.9	262.7	263.2
54.5°	259.7	259.8	259.7	259.2	259.0	259.5
55°	256.0	256.3	256.0	255.5	255.4	255.8
55.5°	252.1	252.6	252.1	251.8	251.7	252.3
56°	248.3	248.6	248.3	248.1	247.8	248.4
56.5°	244.6	244.7	244.6	244.4	244.1	244.6
57°	240.9	241.1	240.9	240.5	240.2	240.6
57.5°	237.2	237.3	237.2	236.7	236.4	236.8
58°	233.3	233.4	233.3	233.0	232.6	233.1
58.5°	229.4	229.5	229.4	229.2	228.9	229.3
59°	225.4	225.8	225.4	225.0	225.1	225.6
59.5°	221.5	221.8	221.5	221.1	221.2	221.5
60°	217.7	217.9	217.7	217.2	217.2	217.6
60.5°	213.7	214.0	213.7	213.3	213.3	213.7
61°	209.8	210.0	209.8	209.3	209.4	209.5
61.5°	205.8	205.9	205.8	205.5	205.3	205.5
62°	201.8	202.0	201.8	201.4	201.4	201.4
62.5°	197.9	197.9	197.9	197.5	197.4	197.4
63°	194.0	194.0	194.0	193.5	193.4	193.5
63.5°	189.7	190.1	189.7	189.6	189.4	189.4
64°	185.6	186.2	185.6	185.5	185.2	185.4
64.5°	181.5	182.0	181.5	181.4	181.2	181.3
65°	177.4	177.9	177.4	177.2	177.1	177.4
65.5°	173.3	173.5	173.3	173.1	172.9	173.1
66°	169.3	169.4	169.3	168.8	168.7	168.9

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997213

CATALOG NUMBER: SMX6SLSFSD2W-1200LM-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	156.6	156.8	156.6	156.3	156.2	156.7
68°	152.4	152.7	152.4	152.2	152.1	152.5
68.5°	148.4	148.4	148.4	148.2	148.0	148.2
69°	144.0	144.1	144.0	143.6	143.7	144.0
69.5°	139.9	139.9	139.9	139.5	139.5	139.7
70°	135.6	135.7	135.6	135.5	135.4	135.6
70.5°	131.5	131.4	131.5	131.1	130.9	131.2
71°	127.2	127.2	127.2	126.9	126.8	127.1
71.5°	122.9	122.8	122.9	122.7	122.5	122.7
72°	118.6	118.6	118.6	118.2	118.2	118.3
72.5°	114.5	114.3	114.5	114.1	114.0	114.2
73°	110.2	110.1	110.2	109.8	109.8	109.7
73.5°	105.8	105.8	105.8	105.5	105.5	105.7
74°	101.5	101.7	101.5	101.5	101.5	101.6
74.5°	97.4	97.4	97.4	97.2	97.3	97.3
75°	93.2	93.1	93.2	93.0	93.0	93.0
75.5°	89.0	89.0	89.0	88.8	88.7	88.8
76°	84.6	84.7	84.6	84.6	84.5	84.7
76.5°	80.6	80.5	80.6	80.4	80.3	80.4
77°	76.5	76.6	76.5	76.4	76.3	76.2
77.5°	72.5	72.5	72.5	72.3	72.2	72.3
78°	68.5	68.6	68.5	68.3	68.2	68.3
78.5°	64.6	64.6	64.6	64.2	64.3	64.4
79°	60.5	60.6	60.5	60.4	60.4	60.5
79.5°	56.6	56.6	56.6	56.4	56.4	56.5
80°	52.7	52.7	52.7	52.5	52.4	52.5
80.5°	48.9	48.8	48.9	48.6	48.6	48.6
81°	45.0	45.0	45.0	44.9	44.8	44.9
81.5°	41.3	41.3	41.3	41.1	41.0	41.1
82°	37.6	37.7	37.6	37.4	37.3	37.3
82.5°	34.2	34.3	34.2	34.0	33.7	33.8
83°	30.8	30.9	30.8	30.5	30.4	30.4
83.5°	27.5	27.6	27.5	27.2	27.1	27.1
84°	24.3	24.4	24.3	24.1	24.0	24.0
84.5°	21.3	21.5	21.3	21.1	21.0	21.0
85°	18.5	18.7	18.5	18.1	18.1	18.1
85.5°	15.7	16.0	15.7	15.5	15.3	15.3
86°	13.2	13.5	13.2	13.0	12.8	12.7
86.5°	10.8	11.2	10.8	10.6	10.4	10.3
87°	8.7	9.0	8.7	8.5	8.3	8.2
87.5°	6.8	7.2	6.8	6.6	6.4	6.3
88°	5.1	5.5	5.1	4.9	4.6	4.6
88.5°	3.7	4.1	3.7	3.4	3.2	3.1

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Scaled Data Report



TEST NUMBER: P997213
CATALOG NUMBER: SMX6SLSFSD2W-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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Report Generated By 670245859 / DESKTOP-T8S5UU9

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

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21.5°	442.3	441.3	441.3	442.0	442.4	442.0	441.3	441.3	442.3	441.3	441.3
22°	440.5	439.4	440.2	440.9	440.3	440.9	440.2	439.4	440.5	439.4	440.2



44°	331.3	330.6	331.0	331.6	331.4	331.6	331.0	330.6	331.3	330.6	331.0
44.5°	327.7	327.3	327.7	328.3	328.4	328.3	327.7	327.3	327.7	327.3	327.7



66.5°	164.9	164.5	164.6	165.1	165.1	164.6	164.5	164.9	164.5	164.6
67°	160.8	160.3	160.5	160.7	160.7	160.5	160.3	160.8	160.3	160.5

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89°	1.9	2.0	2.3	2.5	2.9	2.5	2.3	2.0	1.9	2.0	2.3
89.5°	1.0	1.1	1.4	1.7	2.0	1.7	1.4	1.1	1.0	1.1	1.4

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21.5°	442.0	442.4	442.0	441.3	441.3	442.3
22°	440.9	440.3	440.9	440.2	439.4	440.5

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44°	331.6	331.4	331.6	331.0	330.6	331.3
44.5°	328.3	328.4	328.3	327.7	327.3	327.7

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66.5°	165.1	165.1	165.1	164.6	164.5	164.9
67°	160.7	161.1	160.7	160.5	160.3	160.8

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89°	2.5	2.9	2.5	2.3	2.0	1.9
89.5°	1.7	2.0	1.7	1.4	1.1	1.0

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(END OF REPORT)