

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: P997216

Luminaire Tested: **SMX6SLSFSD2W-750LM-2700K**

Issue Date: 3/11/2025



Test Information

Test Method: LM-41-14
Report Number: P997216
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-750LM-2700K
Description: 6IN SQAURE, 90CRI, DIMMING TO 10%, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 2700K CCT
Ballast/Driver: -

Summary

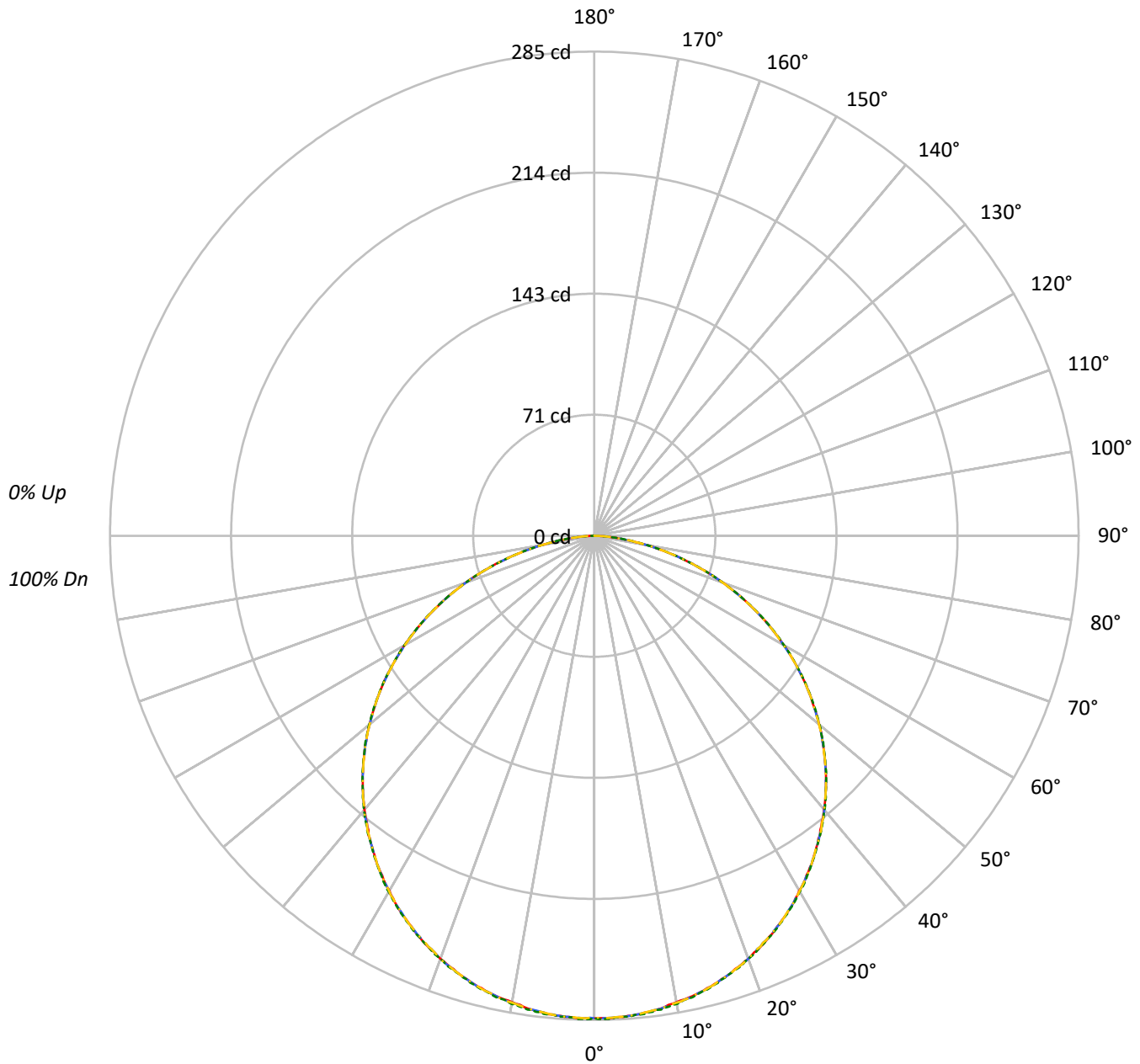
Lumens per Lamp: N/A
Luminaire Lumens: 822.5 lumens
Efficiency: N/A
Efficacy: 105.4 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.27 / 1.38
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 7.8
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



Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



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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	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°	12228	12228	12228	12228
5°	12227	12227	12227	12227
10°	12189	12233	12189	12233
15°	12178	12196	12178	12196
20°	12142	12147	12142	12147
25°	12071	12100	12071	12100
30°	11992	12031	11992	12031
35°	11926	11942	11926	11942
40°	11826	11854	11826	11854
45°	11721	11727	11721	11727
50°	11568	11588	11568	11588
55°	11380	11402	11380	11402
60°	11100	11117	11100	11117
65°	10707	10738	10707	10738
70°	10121	10121	10121	10121
75°	9166	9183	9166	9183
80°	7711	7736	7711	7736
85°	5286	5483	5286	5483



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.9	3.3
10°-20°	77.1	9.4
20°-30°	117.2	14.2
30°-40°	142.0	17.3
40°-50°	148.4	18.0
50°-60°	135.3	16.4
60°-70°	103.8	12.6
70°-80°	58.3	7.1
80°-90°	13.5	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°	221.2	26.9
0°-40°	363.2	44.2
0°-60°	646.9	78.6
0°-90°	822.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	822.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	284	284	284	284	284	
5°	283	283	283	283	283	27
15°	273	274	273	274	273	77
25°	254	255	254	255	254	117
35°	227	227	227	227	227	142
45°	192	193	192	193	192	148
55°	152	152	152	152	152	135
65°	105	105	105	105	105	104
75°	55	55	55	55	55	58
85°	11	11	11	11	11	13
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°	284.0	284.0	284.0	284.0	284.0	284.0	284.0	284.0	284.0	284.0	284.0
0.5°	284.0	283.9	283.8	284.3	284.5	284.3	283.8	283.9	284.0	283.9	283.8
1°	283.9	283.9	284.0	284.3	284.6	284.3	284.0	283.9	283.9	283.9	284.0
1.5°	284.2	283.7	284.0	284.2	284.5	284.2	284.0	283.7	284.2	283.7	284.0
2°	284.2	283.6	283.9	284.3	284.6	284.3	283.9	283.6	284.2	283.6	283.9
2.5°	283.8	283.6	283.7	284.1	283.9	284.1	283.7	283.6	283.8	283.6	283.7
3°	283.7	283.3	283.7	284.0	283.8	284.0	283.7	283.3	283.7	283.3	283.7
3.5°	283.7	283.2	283.6	283.8	283.6	283.8	283.6	283.2	283.7	283.2	283.6
4°	283.3	283.2	283.4	283.5	283.7	283.5	283.4	283.2	283.3	283.2	283.4
4.5°	283.3	282.8	283.2	283.2	283.4	283.2	283.2	282.8	283.3	282.8	283.2
5°	282.9	282.4	283.1	282.9	282.9	282.9	283.1	282.4	282.9	282.4	283.1
5.5°	283.0	282.4	282.6	282.7	283.1	282.7	282.6	282.4	283.0	282.4	282.6
6°	282.2	282.0	282.3	282.6	283.0	282.6	282.3	282.0	282.2	282.0	282.3
6.5°	282.1	281.7	281.9	282.0	282.3	282.0	281.9	281.7	282.1	281.7	281.9
7°	281.8	281.5	281.6	281.9	282.3	281.9	281.6	281.5	281.8	281.5	281.6
7.5°	281.4	281.1	281.4	281.3	281.6	281.3	281.4	281.1	281.4	281.1	281.4
8°	281.1	280.4	281.2	281.1	281.7	281.1	281.2	280.4	281.1	280.4	281.2
8.5°	280.5	280.3	280.5	280.6	281.0	280.6	280.5	280.3	280.5	280.3	280.5
9°	279.5	279.9	280.0	280.4	280.6	280.4	280.0	279.9	279.5	279.9	280.0
9.5°	279.3	279.6	279.5	280.1	280.0	280.1	279.5	279.6	279.3	279.6	279.5
10°	278.8	279.2	279.1	279.6	279.8	279.6	279.1	279.2	278.8	279.2	279.1
10.5°	278.3	278.4	278.8	279.0	279.2	279.0	278.8	278.4	278.3	278.4	278.8
11°	278.0	277.8	278.2	278.7	278.2	278.7	278.2	277.8	278.0	277.8	278.2
11.5°	277.5	277.4	277.9	277.7	278.0	277.7	277.9	277.4	277.5	277.4	277.9
12°	277.0	276.6	277.0	277.4	277.7	277.4	277.0	276.6	277.0	276.6	277.0
12.5°	276.4	276.3	276.5	276.8	276.9	276.8	276.5	276.3	276.4	276.3	276.5
13°	275.9	275.5	275.9	276.0	276.2	276.0	275.9	275.5	275.9	275.5	275.9
13.5°	275.3	274.9	275.5	275.2	275.4	275.2	275.5	274.9	275.3	274.9	275.5
14°	274.4	274.4	274.7	274.7	275.2	274.7	274.7	274.4	274.4	274.4	274.7
14.5°	274.0	273.7	274.0	274.1	274.4	274.1	274.0	273.7	274.0	273.7	274.0
15°	273.2	273.1	273.4	273.4	273.6	273.4	273.4	273.1	273.2	273.1	273.4
15.5°	272.5	272.2	272.4	272.6	273.0	272.6	272.4	272.2	272.5	272.2	272.4
16°	271.5	271.6	271.7	272.0	271.7	272.0	271.7	271.6	271.5	271.6	271.7
16.5°	270.9	270.7	271.0	271.1	271.3	271.1	271.0	270.7	270.9	270.7	271.0
17°	270.2	269.9	270.2	270.5	270.2	270.5	270.2	269.9	270.2	269.9	270.2
17.5°	269.3	269.0	269.3	269.3	269.5	269.3	269.3	269.0	269.3	269.0	269.3
18°	268.1	268.1	268.4	268.6	268.7	268.6	268.4	268.1	268.1	268.1	268.4
18.5°	267.6	267.5	267.5	267.7	268.1	267.7	267.5	267.5	267.6	267.5	267.5
19°	266.7	266.6	266.9	266.9	267.4	266.9	266.9	266.6	266.7	266.6	266.9
19.5°	265.7	265.3	266.0	265.8	265.8	265.8	266.0	265.3	265.7	265.3	266.0
20°	265.0	264.7	264.9	265.1	265.1	265.1	264.9	264.7	265.0	264.7	264.9
20.5°	263.9	263.4	263.8	263.9	264.2	263.9	263.8	263.4	263.9	263.4	263.8
21°	262.7	262.7	262.7	263.1	263.4	263.1	262.7	262.7	262.7	262.7	262.7

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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°	260.0	259.2	259.4	260.3	260.1	260.3	259.4	259.2	260.0	259.2	259.4
23°	258.9	258.4	258.6	259.3	259.0	259.3	258.6	258.4	258.9	258.4	258.6
23.5°	257.7	257.2	257.5	258.1	257.9	258.1	257.5	257.2	257.7	257.2	257.5
24°	256.8	256.2	256.5	256.8	257.0	256.8	256.5	256.2	256.8	256.2	256.5
24.5°	255.5	255.1	255.3	255.4	255.8	255.4	255.3	255.1	255.5	255.1	255.3
25°	254.1	254.1	254.3	254.4	254.7	254.4	254.3	254.1	254.1	254.1	254.3
25.5°	253.1	252.9	253.2	253.4	253.3	253.4	253.2	252.9	253.1	252.9	253.2
26°	251.8	251.7	251.9	252.0	252.3	252.0	251.9	251.7	251.8	251.7	251.9
26.5°	250.8	250.4	250.8	250.8	250.9	250.8	250.8	250.4	250.8	250.4	250.8
27°	249.5	249.2	249.3	249.7	249.9	249.7	249.3	249.2	249.5	249.2	249.3
27.5°	248.3	247.9	248.1	248.4	248.6	248.4	248.1	247.9	248.3	247.9	248.1
28°	247.0	246.8	247.0	247.2	247.4	247.2	247.0	246.8	247.0	246.8	247.0
28.5°	245.8	245.3	245.8	245.9	246.2	245.9	245.8	245.3	245.8	245.3	245.8
29°	244.1	244.0	244.2	244.4	244.7	244.4	244.2	244.0	244.1	244.0	244.2
29.5°	242.9	242.7	243.1	243.1	243.3	243.1	243.1	242.7	242.9	242.7	243.1
30°	241.2	241.4	241.6	241.7	242.0	241.7	241.6	241.4	241.2	241.4	241.6
30.5°	240.2	239.9	240.2	240.4	240.9	240.4	240.2	239.9	240.2	239.9	240.2
31°	238.8	238.4	238.8	239.0	239.4	239.0	238.8	238.4	238.8	238.4	238.8
31.5°	237.4	237.0	237.4	237.5	238.0	237.5	237.4	237.0	237.4	237.0	237.4
32°	235.7	235.6	235.8	236.1	236.2	236.1	235.8	235.6	235.7	235.6	235.8
32.5°	234.5	234.0	234.7	234.7	234.8	234.7	234.7	234.0	234.5	234.0	234.7
33°	232.9	232.9	233.0	233.3	233.3	233.3	233.0	232.9	232.9	232.9	233.0
33.5°	231.7	231.1	231.7	231.7	231.6	231.7	231.7	231.1	231.7	231.1	231.7
34°	230.1	230.1	229.8	230.2	230.2	230.2	229.8	230.1	230.1	230.1	229.8
34.5°	228.2	228.3	228.5	228.7	228.9	228.7	228.5	228.3	228.2	228.3	228.5
35°	226.9	226.9	226.7	227.1	227.2	227.1	226.7	226.9	226.9	226.9	226.7
35.5°	225.1	225.3	225.2	225.7	225.4	225.7	225.2	225.3	225.1	225.3	225.2
36°	223.8	223.6	223.7	224.1	223.8	224.1	223.7	223.6	223.8	223.6	223.7
36.5°	221.8	221.8	222.1	222.4	222.2	222.4	222.1	221.8	221.8	221.8	222.1
37°	220.8	220.3	220.4	220.6	220.8	220.6	220.4	220.3	220.8	220.3	220.4
37.5°	218.4	218.6	219.1	219.3	219.3	219.3	219.1	218.6	218.4	218.6	219.1
38°	217.0	217.1	217.2	217.6	217.5	217.6	217.2	217.1	217.0	217.1	217.2
38.5°	215.2	215.3	215.4	216.0	215.9	216.0	215.4	215.3	215.2	215.3	215.4
39°	213.7	213.8	214.1	214.1	214.4	214.1	214.1	213.8	213.7	213.8	214.1
39.5°	212.0	212.0	212.4	212.4	212.4	212.4	212.4	212.0	212.0	212.0	212.4
40°	210.4	210.2	210.5	210.8	210.9	210.8	210.5	210.2	210.4	210.2	210.5
40.5°	208.6	208.4	208.7	209.1	209.1	209.1	208.7	208.4	208.6	208.4	208.7
41°	207.1	206.9	207.0	207.2	207.3	207.2	207.0	206.9	207.1	206.9	207.0
41.5°	205.2	204.9	205.3	205.4	205.6	205.4	205.3	204.9	205.2	204.9	205.3
42°	203.4	203.1	203.5	203.8	203.4	203.8	203.5	203.1	203.4	203.1	203.5
42.5°	201.7	201.3	201.7	202.1	201.8	202.1	201.7	201.3	201.7	201.3	201.7
43°	199.8	199.8	199.9	200.1	200.1	200.1	199.9	199.8	199.8	199.8	199.9
43.5°	198.0	197.8	197.9	198.2	198.3	198.2	197.9	197.8	198.0	197.8	197.9

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	192.5	192.1	192.3	192.7	192.6	192.7	192.3	192.1	192.5	192.1	192.3
45.5°	190.5	190.1	190.4	190.7	190.7	190.7	190.4	190.1	190.5	190.1	190.4
46°	188.5	188.3	188.5	188.8	188.8	188.8	188.5	188.3	188.5	188.3	188.5
46.5°	186.5	186.3	186.4	186.6	186.8	186.6	186.4	186.3	186.5	186.3	186.4
47°	184.7	184.5	184.7	184.8	184.9	184.8	184.7	184.5	184.7	184.5	184.7
47.5°	182.8	182.5	182.7	183.0	183.0	183.0	182.7	182.5	182.8	182.5	182.7
48°	180.7	180.5	180.7	181.0	181.2	181.0	180.7	180.5	180.7	180.5	180.7
48.5°	178.8	178.6	178.8	178.8	179.0	178.8	178.8	178.6	178.8	178.6	178.8
49°	177.0	176.6	176.8	177.1	176.9	177.1	176.8	176.6	177.0	176.6	176.8
49.5°	174.8	174.6	174.7	174.9	175.2	174.9	174.7	174.6	174.8	174.6	174.7
50°	172.7	172.5	172.5	173.0	173.0	173.0	172.5	172.5	172.7	172.5	172.5
50.5°	170.7	170.4	170.4	170.8	170.9	170.8	170.4	170.4	170.7	170.4	170.4
51°	168.7	168.4	168.3	168.8	168.8	168.8	168.3	168.4	168.7	168.4	168.3
51.5°	166.5	166.3	166.4	166.6	166.8	166.6	166.4	166.3	166.5	166.3	166.4
52°	164.3	164.2	164.1	164.5	164.7	164.5	164.1	164.2	164.3	164.2	164.1
52.5°	162.1	162.0	162.2	162.4	162.6	162.4	162.2	162.0	162.1	162.0	162.2
53°	160.1	159.9	160.1	160.2	160.3	160.2	160.1	159.9	160.1	159.9	160.1
53.5°	158.1	157.8	158.1	157.9	158.3	157.9	158.1	157.8	158.1	157.8	158.1
54°	155.9	155.6	155.8	156.0	156.1	156.0	155.8	155.6	155.9	155.6	155.8
54.5°	153.7	153.5	153.6	153.9	153.9	153.9	153.6	153.5	153.7	153.5	153.6
55°	151.6	151.3	151.4	151.7	151.9	151.7	151.4	151.3	151.6	151.3	151.4
55.5°	149.5	149.2	149.2	149.4	149.7	149.4	149.2	149.2	149.5	149.2	149.2
56°	147.2	146.9	147.0	147.1	147.3	147.1	147.0	146.9	147.2	146.9	147.0
56.5°	144.9	144.7	144.8	145.0	145.0	145.0	144.8	144.7	144.9	144.7	144.8
57°	142.6	142.3	142.5	142.8	142.9	142.8	142.5	142.3	142.6	142.3	142.5
57.5°	140.3	140.1	140.3	140.6	140.6	140.6	140.3	140.1	140.3	140.1	140.3
58°	138.1	137.8	138.0	138.3	138.3	138.3	138.0	137.8	138.1	137.8	138.0
58.5°	135.9	135.6	135.8	135.9	136.0	135.9	135.8	135.6	135.9	135.6	135.8
59°	133.7	133.4	133.3	133.5	133.8	133.5	133.3	133.4	133.7	133.4	133.3
59.5°	131.3	131.1	131.0	131.2	131.4	131.2	131.0	131.1	131.3	131.1	131.0
60°	128.9	128.7	128.7	129.0	129.1	129.0	128.7	128.7	128.9	128.7	128.7
60.5°	126.6	126.4	126.4	126.6	126.8	126.6	126.4	126.4	126.6	126.4	126.4
61°	124.1	124.1	124.0	124.3	124.4	124.3	124.0	124.1	124.1	124.1	124.0
61.5°	121.8	121.7	121.7	122.0	122.0	122.0	121.7	121.7	121.8	121.7	121.7
62°	119.3	119.3	119.3	119.6	119.7	119.6	119.3	119.3	119.3	119.3	119.3
62.5°	117.0	117.0	117.0	117.3	117.3	117.3	117.0	117.0	117.0	117.0	117.0
63°	114.7	114.6	114.7	114.9	115.0	114.9	114.7	114.6	114.7	114.6	114.7
63.5°	112.2	112.2	112.3	112.4	112.6	112.4	112.3	112.2	112.2	112.2	112.3
64°	109.9	109.7	109.9	110.0	110.3	110.0	109.9	109.7	109.9	109.7	109.9
64.5°	107.4	107.4	107.5	107.5	107.8	107.5	107.5	107.4	107.4	107.4	107.5
65°	105.1	104.9	105.0	105.1	105.4	105.1	105.0	104.9	105.1	104.9	105.0
65.5°	102.5	102.4	102.6	102.7	102.8	102.7	102.6	102.4	102.5	102.4	102.6
66°	100.1	100.0	100.0	100.3	100.4	100.3	100.0	100.0	100.1	100.0	100.0

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997216

CATALOG NUMBER: SMX6SLSFSD2W-750LM-2700K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	92.9	92.5	92.6	92.8	92.9	92.8	92.6	92.5	92.9	92.5	92.6
68°	90.4	90.1	90.2	90.3	90.5	90.3	90.2	90.1	90.4	90.1	90.2
68.5°	87.8	87.7	87.8	87.9	87.9	87.9	87.8	87.7	87.8	87.7	87.8
69°	85.3	85.2	85.1	85.4	85.4	85.4	85.1	85.2	85.3	85.2	85.1
69.5°	82.8	82.6	82.7	82.9	82.9	82.9	82.7	82.6	82.8	82.6	82.7
70°	80.4	80.2	80.3	80.3	80.4	80.3	80.3	80.2	80.4	80.2	80.3
70.5°	77.7	77.6	77.7	77.9	77.9	77.9	77.7	77.6	77.7	77.6	77.7
71°	75.3	75.1	75.2	75.4	75.3	75.4	75.2	75.1	75.3	75.1	75.2
71.5°	72.7	72.6	72.7	72.8	72.8	72.8	72.7	72.6	72.7	72.6	72.7
72°	70.1	70.1	70.1	70.3	70.3	70.3	70.1	70.1	70.1	70.1	70.1
72.5°	67.7	67.6	67.6	67.8	67.7	67.8	67.6	67.6	67.7	67.6	67.6
73°	65.0	65.0	65.1	65.3	65.3	65.3	65.1	65.0	65.0	65.0	65.1
73.5°	62.6	62.5	62.5	62.7	62.7	62.7	62.5	62.5	62.6	62.5	62.5
74°	60.2	60.1	60.1	60.2	60.3	60.2	60.1	60.1	60.2	60.1	60.1
74.5°	57.6	57.6	57.6	57.7	57.7	57.7	57.6	57.6	57.6	57.6	57.6
75°	55.1	55.1	55.1	55.2	55.2	55.2	55.1	55.1	55.1	55.1	55.1
75.5°	52.6	52.6	52.6	52.7	52.7	52.7	52.6	52.6	52.6	52.6	52.6
76°	50.2	50.1	50.1	50.2	50.2	50.2	50.1	50.1	50.2	50.1	50.1
76.5°	47.7	47.6	47.7	47.8	47.7	47.8	47.7	47.6	47.7	47.6	47.7
77°	45.2	45.2	45.2	45.4	45.4	45.4	45.2	45.2	45.2	45.2	45.2
77.5°	42.8	42.8	42.8	43.0	42.9	43.0	42.8	42.8	42.8	42.8	42.8
78°	40.5	40.4	40.5	40.6	40.6	40.6	40.5	40.4	40.5	40.4	40.5
78.5°	38.2	38.1	38.1	38.3	38.3	38.3	38.1	38.1	38.2	38.1	38.1
79°	35.8	35.8	35.8	35.9	35.9	35.9	35.8	35.8	35.8	35.8	35.8
79.5°	33.5	33.4	33.4	33.6	33.6	33.6	33.4	33.4	33.5	33.4	33.4
80°	31.1	31.1	31.1	31.2	31.2	31.2	31.1	31.1	31.1	31.1	31.1
80.5°	28.8	28.8	28.8	29.0	28.9	29.0	28.8	28.8	28.8	28.8	28.8
81°	26.6	26.5	26.6	26.7	26.7	26.7	26.6	26.5	26.6	26.5	26.6
81.5°	24.4	24.3	24.4	24.4	24.5	24.4	24.4	24.3	24.4	24.3	24.4
82°	22.1	22.1	22.2	22.3	22.3	22.3	22.2	22.1	22.1	22.1	22.2
82.5°	20.0	20.0	20.1	20.3	20.3	20.3	20.1	20.0	20.0	20.0	20.1
83°	18.0	18.0	18.1	18.2	18.3	18.2	18.1	18.0	18.0	18.0	18.1
83.5°	16.0	16.1	16.1	16.3	16.4	16.3	16.1	16.1	16.0	16.1	16.1
84°	14.2	14.2	14.3	14.4	14.5	14.4	14.3	14.2	14.2	14.2	14.3
84.5°	12.5	12.5	12.5	12.6	12.7	12.6	12.5	12.5	12.5	12.5	12.5
85°	10.7	10.7	10.7	10.9	11.1	10.9	10.7	10.7	10.7	10.7	10.7
85.5°	9.1	9.1	9.2	9.3	9.5	9.3	9.2	9.1	9.1	9.1	9.2
86°	7.5	7.6	7.7	7.8	8.0	7.8	7.7	7.6	7.5	7.6	7.7
86.5°	6.1	6.2	6.3	6.4	6.6	6.4	6.3	6.2	6.1	6.2	6.3
87°	4.9	4.9	5.0	5.1	5.4	5.1	5.0	4.9	4.9	4.9	5.0
87.5°	3.7	3.8	3.9	4.0	4.3	4.0	3.9	3.8	3.7	3.8	3.9
88°	2.7	2.8	2.9	3.0	3.3	3.0	2.9	2.8	2.7	2.8	2.9
88.5°	1.8	1.9	2.0	2.2	2.4	2.2	2.0	1.9	1.8	1.9	2.0

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

Scaled Data Report



TEST NUMBER: P997216
CATALOG NUMBER: SMX6SLSFSD2W-750LM-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: P997216

CATALOG NUMBER: SMX6SLSFSD2W-750LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	284.0	284.0	284.0	284.0	284.0	284.0
0.5°	284.3	284.5	284.3	283.8	283.9	284.0
1°	284.3	284.6	284.3	284.0	283.9	283.9
1.5°	284.2	284.5	284.2	284.0	283.7	284.2
2°	284.3	284.6	284.3	283.9	283.6	284.2
2.5°	284.1	283.9	284.1	283.7	283.6	283.8
3°	284.0	283.8	284.0	283.7	283.3	283.7
3.5°	283.8	283.6	283.8	283.6	283.2	283.7
4°	283.5	283.7	283.5	283.4	283.2	283.3
4.5°	283.2	283.4	283.2	283.2	282.8	283.3
5°	282.9	282.9	282.9	283.1	282.4	282.9
5.5°	282.7	283.1	282.7	282.6	282.4	283.0
6°	282.6	283.0	282.6	282.3	282.0	282.2
6.5°	282.0	282.3	282.0	281.9	281.7	282.1
7°	281.9	282.3	281.9	281.6	281.5	281.8
7.5°	281.3	281.6	281.3	281.4	281.1	281.4
8°	281.1	281.7	281.1	281.2	280.4	281.1
8.5°	280.6	281.0	280.6	280.5	280.3	280.5
9°	280.4	280.6	280.4	280.0	279.9	279.5
9.5°	280.1	280.0	280.1	279.5	279.6	279.3
10°	279.6	279.8	279.6	279.1	279.2	278.8
10.5°	279.0	279.2	279.0	278.8	278.4	278.3
11°	278.7	278.2	278.7	278.2	277.8	278.0
11.5°	277.7	278.0	277.7	277.9	277.4	277.5
12°	277.4	277.7	277.4	277.0	276.6	277.0
12.5°	276.8	276.9	276.8	276.5	276.3	276.4
13°	276.0	276.2	276.0	275.9	275.5	275.9
13.5°	275.2	275.4	275.2	275.5	274.9	275.3
14°	274.7	275.2	274.7	274.7	274.4	274.4
14.5°	274.1	274.4	274.1	274.0	273.7	274.0
15°	273.4	273.6	273.4	273.4	273.1	273.2
15.5°	272.6	273.0	272.6	272.4	272.2	272.5
16°	272.0	271.7	272.0	271.7	271.6	271.5
16.5°	271.1	271.3	271.1	271.0	270.7	270.9
17°	270.5	270.2	270.5	270.2	269.9	270.2
17.5°	269.3	269.5	269.3	269.3	269.0	269.3
18°	268.6	268.7	268.6	268.4	268.1	268.1
18.5°	267.7	268.1	267.7	267.5	267.5	267.6
19°	266.9	267.4	266.9	266.9	266.6	266.7
19.5°	265.8	265.8	265.8	266.0	265.3	265.7
20°	265.1	265.1	265.1	264.9	264.7	265.0
20.5°	263.9	264.2	263.9	263.8	263.4	263.9
21°	263.1	263.4	263.1	262.7	262.7	262.7

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997216

CATALOG NUMBER: SMX6SLSFSD2W-750LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	260.3	260.1	260.3	259.4	259.2	260.0
23°	259.3	259.0	259.3	258.6	258.4	258.9
23.5°	258.1	257.9	258.1	257.5	257.2	257.7
24°	256.8	257.0	256.8	256.5	256.2	256.8
24.5°	255.4	255.8	255.4	255.3	255.1	255.5
25°	254.4	254.7	254.4	254.3	254.1	254.1
25.5°	253.4	253.3	253.4	253.2	252.9	253.1
26°	252.0	252.3	252.0	251.9	251.7	251.8
26.5°	250.8	250.9	250.8	250.8	250.4	250.8
27°	249.7	249.9	249.7	249.3	249.2	249.5
27.5°	248.4	248.6	248.4	248.1	247.9	248.3
28°	247.2	247.4	247.2	247.0	246.8	247.0
28.5°	245.9	246.2	245.9	245.8	245.3	245.8
29°	244.4	244.7	244.4	244.2	244.0	244.1
29.5°	243.1	243.3	243.1	243.1	242.7	242.9
30°	241.7	242.0	241.7	241.6	241.4	241.2
30.5°	240.4	240.9	240.4	240.2	239.9	240.2
31°	239.0	239.4	239.0	238.8	238.4	238.8
31.5°	237.5	238.0	237.5	237.4	237.0	237.4
32°	236.1	236.2	236.1	235.8	235.6	235.7
32.5°	234.7	234.8	234.7	234.7	234.0	234.5
33°	233.3	233.3	233.3	233.0	232.9	232.9
33.5°	231.7	231.6	231.7	231.7	231.1	231.7
34°	230.2	230.2	230.2	229.8	230.1	230.1
34.5°	228.7	228.9	228.7	228.5	228.3	228.2
35°	227.1	227.2	227.1	226.7	226.9	226.9
35.5°	225.7	225.4	225.7	225.2	225.3	225.1
36°	224.1	223.8	224.1	223.7	223.6	223.8
36.5°	222.4	222.2	222.4	222.1	221.8	221.8
37°	220.6	220.8	220.6	220.4	220.3	220.8
37.5°	219.3	219.3	219.3	219.1	218.6	218.4
38°	217.6	217.5	217.6	217.2	217.1	217.0
38.5°	216.0	215.9	216.0	215.4	215.3	215.2
39°	214.1	214.4	214.1	214.1	213.8	213.7
39.5°	212.4	212.4	212.4	212.4	212.0	212.0
40°	210.8	210.9	210.8	210.5	210.2	210.4
40.5°	209.1	209.1	209.1	208.7	208.4	208.6
41°	207.2	207.3	207.2	207.0	206.9	207.1
41.5°	205.4	205.6	205.4	205.3	204.9	205.2
42°	203.8	203.4	203.8	203.5	203.1	203.4
42.5°	202.1	201.8	202.1	201.7	201.3	201.7
43°	200.1	200.1	200.1	199.9	199.8	199.8
43.5°	198.2	198.3	198.2	197.9	197.8	198.0

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997216

CATALOG NUMBER: SMX6SLSFSD2W-750LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	192.7	192.6	192.7	192.3	192.1	192.5
45.5°	190.7	190.7	190.7	190.4	190.1	190.5
46°	188.8	188.8	188.8	188.5	188.3	188.5
46.5°	186.6	186.8	186.6	186.4	186.3	186.5
47°	184.8	184.9	184.8	184.7	184.5	184.7
47.5°	183.0	183.0	183.0	182.7	182.5	182.8
48°	181.0	181.2	181.0	180.7	180.5	180.7
48.5°	178.8	179.0	178.8	178.8	178.6	178.8
49°	177.1	176.9	177.1	176.8	176.6	177.0
49.5°	174.9	175.2	174.9	174.7	174.6	174.8
50°	173.0	173.0	173.0	172.5	172.5	172.7
50.5°	170.8	170.9	170.8	170.4	170.4	170.7
51°	168.8	168.8	168.8	168.3	168.4	168.7
51.5°	166.6	166.8	166.6	166.4	166.3	166.5
52°	164.5	164.7	164.5	164.1	164.2	164.3
52.5°	162.4	162.6	162.4	162.2	162.0	162.1
53°	160.2	160.3	160.2	160.1	159.9	160.1
53.5°	157.9	158.3	157.9	158.1	157.8	158.1
54°	156.0	156.1	156.0	155.8	155.6	155.9
54.5°	153.9	153.9	153.9	153.6	153.5	153.7
55°	151.7	151.9	151.7	151.4	151.3	151.6
55.5°	149.4	149.7	149.4	149.2	149.2	149.5
56°	147.1	147.3	147.1	147.0	146.9	147.2
56.5°	145.0	145.0	145.0	144.8	144.7	144.9
57°	142.8	142.9	142.8	142.5	142.3	142.6
57.5°	140.6	140.6	140.6	140.3	140.1	140.3
58°	138.3	138.3	138.3	138.0	137.8	138.1
58.5°	135.9	136.0	135.9	135.8	135.6	135.9
59°	133.5	133.8	133.5	133.3	133.4	133.7
59.5°	131.2	131.4	131.2	131.0	131.1	131.3
60°	129.0	129.1	129.0	128.7	128.7	128.9
60.5°	126.6	126.8	126.6	126.4	126.4	126.6
61°	124.3	124.4	124.3	124.0	124.1	124.1
61.5°	122.0	122.0	122.0	121.7	121.7	121.8
62°	119.6	119.7	119.6	119.3	119.3	119.3
62.5°	117.3	117.3	117.3	117.0	117.0	117.0
63°	114.9	115.0	114.9	114.7	114.6	114.7
63.5°	112.4	112.6	112.4	112.3	112.2	112.2
64°	110.0	110.3	110.0	109.9	109.7	109.9
64.5°	107.5	107.8	107.5	107.5	107.4	107.4
65°	105.1	105.4	105.1	105.0	104.9	105.1
65.5°	102.7	102.8	102.7	102.6	102.4	102.5
66°	100.3	100.4	100.3	100.0	100.0	100.1

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997216

CATALOG NUMBER: SMX6SLSFSD2W-750LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	92.8	92.9	92.8	92.6	92.5	92.9
68°	90.3	90.5	90.3	90.2	90.1	90.4
68.5°	87.9	87.9	87.9	87.8	87.7	87.8
69°	85.4	85.4	85.4	85.1	85.2	85.3
69.5°	82.9	82.9	82.9	82.7	82.6	82.8
70°	80.3	80.4	80.3	80.3	80.2	80.4
70.5°	77.9	77.9	77.9	77.7	77.6	77.7
71°	75.4	75.3	75.4	75.2	75.1	75.3
71.5°	72.8	72.8	72.8	72.7	72.6	72.7
72°	70.3	70.3	70.3	70.1	70.1	70.1
72.5°	67.8	67.7	67.8	67.6	67.6	67.7
73°	65.3	65.3	65.3	65.1	65.0	65.0
73.5°	62.7	62.7	62.7	62.5	62.5	62.6
74°	60.2	60.3	60.2	60.1	60.1	60.2
74.5°	57.7	57.7	57.7	57.6	57.6	57.6
75°	55.2	55.2	55.2	55.1	55.1	55.1
75.5°	52.7	52.7	52.7	52.6	52.6	52.6
76°	50.2	50.2	50.2	50.1	50.1	50.2
76.5°	47.8	47.7	47.8	47.7	47.6	47.7
77°	45.4	45.4	45.4	45.2	45.2	45.2
77.5°	43.0	42.9	43.0	42.8	42.8	42.8
78°	40.6	40.6	40.6	40.5	40.4	40.5
78.5°	38.3	38.3	38.3	38.1	38.1	38.2
79°	35.9	35.9	35.9	35.8	35.8	35.8
79.5°	33.6	33.6	33.6	33.4	33.4	33.5
80°	31.2	31.2	31.2	31.1	31.1	31.1
80.5°	29.0	28.9	29.0	28.8	28.8	28.8
81°	26.7	26.7	26.7	26.6	26.5	26.6
81.5°	24.4	24.5	24.4	24.4	24.3	24.4
82°	22.3	22.3	22.3	22.2	22.1	22.1
82.5°	20.3	20.3	20.3	20.1	20.0	20.0
83°	18.2	18.3	18.2	18.1	18.0	18.0
83.5°	16.3	16.4	16.3	16.1	16.1	16.0
84°	14.4	14.5	14.4	14.3	14.2	14.2
84.5°	12.6	12.7	12.6	12.5	12.5	12.5
85°	10.9	11.1	10.9	10.7	10.7	10.7
85.5°	9.3	9.5	9.3	9.2	9.1	9.1
86°	7.8	8.0	7.8	7.7	7.6	7.5
86.5°	6.4	6.6	6.4	6.3	6.2	6.1
87°	5.1	5.4	5.1	5.0	4.9	4.9
87.5°	4.0	4.3	4.0	3.9	3.8	3.7
88°	3.0	3.3	3.0	2.9	2.8	2.7
88.5°	2.2	2.4	2.2	2.0	1.9	1.8

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Scaled Data Report



TEST NUMBER: P997216
CATALOG NUMBER: SMX6SLSFSD2W-750LM-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

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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°	262.1	261.5	261.5	261.9	262.1	261.9	261.5	261.5	262.1	261.5	261.5
22°	261.0	260.4	260.9	261.2	260.9	261.2	260.9	260.4	261.0	260.4	260.9



44°	196.3	195.9	196.1	196.5	196.4	196.5	196.1	195.9	196.3	195.9	196.1
44.5°	194.2	194.0	194.2	194.5	194.6	194.5	194.2	194.0	194.2	194.0	194.2

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66.5°	97.7	97.5	97.5	97.8	97.8	97.5	97.5	97.7	97.5	97.5
67°	95.3	95.0	95.1	95.2	95.2	95.1	95.0	95.3	95.0	95.1



89°	1.1	1.2	1.4	1.5	1.7	1.5	1.4	1.2	1.1	1.2	1.4
89.5°	0.6	0.7	0.8	1.0	1.2	1.0	0.8	0.7	0.6	0.7	0.8

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21.5°	261.9	262.1	261.9	261.5	261.5	262.1
22°	261.2	260.9	261.2	260.9	260.4	261.0

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44°	196.5	196.4	196.5	196.1	195.9	196.3
44.5°	194.5	194.6	194.5	194.2	194.0	194.2

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66.5°	97.8	97.8	97.8	97.5	97.5	97.7
67°	95.2	95.4	95.2	95.1	95.0	95.3

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89°	1.5	1.7	1.5	1.4	1.2	1.1
89.5°	1.0	1.2	1.0	0.8	0.7	0.6

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(END OF REPORT)