

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: P997219

Luminaire Tested: **SMX6SLSFSD2W-750LM-4000K**

Issue Date: 3/11/2025



Test Information

Test Method: LM-41-14
Report Number: P997219
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-4000K
Description: 6IN SQAURE, 90CRI, DIMMING TO 10%, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 4000K CCT
Ballast/Driver: -

Summary

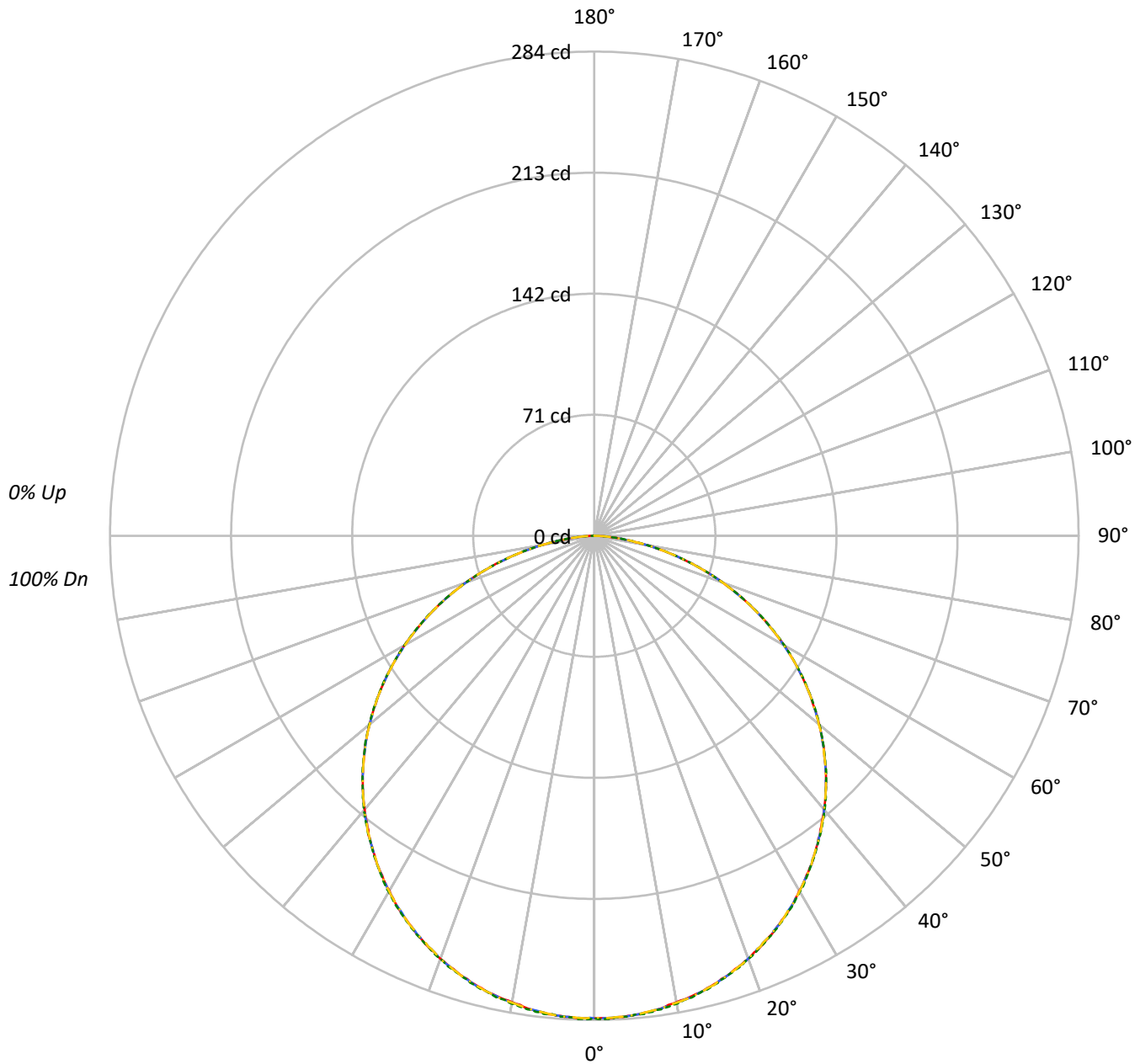
Lumens per Lamp: N/A
Luminaire Lumens: 819.5 lumens
Efficiency: N/A
Efficacy: 106.4 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.27 / 1.38
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 7.7
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°	12185	12185	12185	12185
5°	12184	12179	12184	12179
10°	12145	12189	12145	12189
15°	12133	12151	12133	12151
20°	12096	12105	12096	12105
25°	12029	12057	12029	12057
30°	11947	11987	11947	11987
35°	11884	11900	11884	11900
40°	11781	11814	11781	11814
45°	11679	11691	11679	11691
50°	11528	11548	11528	11548
55°	11335	11357	11335	11357
60°	11065	11083	11065	11083
65°	10667	10697	10667	10697
70°	10083	10083	10083	10083
75°	9133	9149	9133	9149
80°	7686	7711	7686	7711
85°	5286	5483	5286	5483



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.8	3.3
10°-20°	76.8	9.4
20°-30°	116.8	14.2
30°-40°	141.5	17.3
40°-50°	147.8	18.0
50°-60°	134.8	16.4
60°-70°	103.4	12.6
70°-80°	58.1	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°	220.4	26.9
0°-40°	361.9	44.2
0°-60°	644.5	78.6
0°-90°	819.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	819.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	283	283	283	283	283	
5°	282	282	282	282	282	27
15°	272	273	272	273	272	77
25°	253	254	253	254	253	117
35°	226	226	226	226	226	141
45°	192	192	192	192	192	148
55°	151	151	151	151	151	135
65°	105	105	105	105	105	103
75°	55	55	55	55	55	58
85°	11	11	11	11	11	13
90°	0	0	0	0	0	

Cooper Lighting Solutions Photometric Lab

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	283.0	283.0	283.0	283.0	283.0	283.0	283.0	283.0	283.0	283.0	283.0
0.5°	283.0	282.9	282.8	283.3	283.5	283.3	282.8	282.9	283.0	282.9	282.8
1°	282.9	282.9	283.0	283.3	283.6	283.3	283.0	282.9	282.9	282.9	283.0
1.5°	283.2	282.7	283.0	283.2	283.5	283.2	283.0	282.7	283.2	282.7	283.0
2°	283.2	282.6	282.9	283.3	283.6	283.3	282.9	282.6	283.2	282.6	282.9
2.5°	282.8	282.6	282.7	283.1	282.9	283.1	282.7	282.6	282.8	282.6	282.7
3°	282.7	282.3	282.6	283.0	282.8	283.0	282.6	282.3	282.7	282.3	282.6
3.5°	282.7	282.2	282.6	282.8	282.6	282.8	282.6	282.2	282.7	282.2	282.6
4°	282.3	282.2	282.4	282.5	282.7	282.5	282.4	282.2	282.3	282.2	282.4
4.5°	282.3	281.8	282.2	282.1	282.4	282.1	282.2	281.8	282.3	281.8	282.2
5°	281.9	281.4	282.0	281.9	281.8	281.9	282.0	281.4	281.9	281.4	282.0
5.5°	282.0	281.4	281.6	281.6	282.0	281.6	281.6	281.4	282.0	281.4	281.6
6°	281.2	281.0	281.3	281.6	282.0	281.6	281.3	281.0	281.2	281.0	281.3
6.5°	281.1	280.7	280.9	281.0	281.3	281.0	280.9	280.7	281.1	280.7	280.9
7°	280.8	280.5	280.6	280.9	281.3	280.9	280.6	280.5	280.8	280.5	280.6
7.5°	280.4	280.1	280.4	280.3	280.6	280.3	280.4	280.1	280.4	280.1	280.4
8°	280.1	279.4	280.2	280.1	280.6	280.1	280.2	279.4	280.1	279.4	280.2
8.5°	279.5	279.3	279.5	279.6	280.0	279.6	279.5	279.3	279.5	279.3	279.5
9°	278.5	278.9	279.0	279.4	279.6	279.4	279.0	278.9	278.5	278.9	279.0
9.5°	278.3	278.6	278.5	279.1	279.0	279.1	278.5	278.6	278.3	278.6	278.5
10°	277.8	278.2	278.1	278.6	278.8	278.6	278.1	278.2	277.8	278.2	278.1
10.5°	277.3	277.4	277.8	278.0	278.2	278.0	277.8	277.4	277.3	277.4	277.8
11°	277.0	276.9	277.2	277.7	277.2	277.7	277.2	276.9	277.0	276.9	277.2
11.5°	276.5	276.4	276.9	276.7	277.0	276.7	276.9	276.4	276.5	276.4	276.9
12°	276.0	275.6	276.0	276.5	276.7	276.5	276.0	275.6	276.0	275.6	276.0
12.5°	275.4	275.3	275.6	275.8	275.9	275.8	275.6	275.3	275.4	275.3	275.6
13°	275.0	274.6	274.9	275.0	275.2	275.0	274.9	274.6	275.0	274.6	274.9
13.5°	274.3	273.9	274.5	274.2	274.4	274.2	274.5	273.9	274.3	273.9	274.5
14°	273.4	273.4	273.7	273.7	274.2	273.7	273.7	273.4	273.4	273.4	273.7
14.5°	273.0	272.7	273.1	273.1	273.4	273.1	273.1	272.7	273.0	272.7	273.1
15°	272.2	272.1	272.5	272.4	272.6	272.4	272.5	272.1	272.2	272.1	272.5
15.5°	271.5	271.3	271.4	271.6	272.0	271.6	271.4	271.3	271.5	271.3	271.4
16°	270.5	270.6	270.8	271.0	270.8	271.0	270.8	270.6	270.5	270.6	270.8
16.5°	270.0	269.7	270.0	270.2	270.3	270.2	270.0	269.7	270.0	269.7	270.0
17°	269.2	269.0	269.3	269.6	269.2	269.6	269.3	269.0	269.2	269.0	269.3
17.5°	268.3	268.0	268.3	268.4	268.6	268.4	268.3	268.0	268.3	268.0	268.3
18°	267.2	267.1	267.5	267.7	267.7	267.7	267.5	267.1	267.2	267.1	267.5
18.5°	266.6	266.6	266.5	266.7	267.2	266.7	266.5	266.6	266.6	266.6	266.5
19°	265.7	265.6	265.9	265.9	266.4	265.9	265.9	265.6	265.7	265.6	265.9
19.5°	264.7	264.3	265.0	264.8	264.9	264.8	265.0	264.3	264.7	264.3	265.0
20°	264.0	263.8	263.9	264.1	264.2	264.1	263.9	263.8	264.0	263.8	263.9
20.5°	263.0	262.5	262.8	263.0	263.3	263.0	262.8	262.5	263.0	262.5	262.8
21°	261.7	261.8	261.7	262.1	262.4	262.1	261.7	261.8	261.7	261.8	261.7

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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°	259.1	258.3	258.4	259.3	259.1	259.3	258.4	258.3	259.1	258.3	258.4
23°	257.9	257.5	257.6	258.3	258.1	258.3	257.6	257.5	257.9	257.5	257.6
23.5°	256.8	256.3	256.6	257.1	257.0	257.1	256.6	256.3	256.8	256.3	256.6
24°	255.9	255.3	255.6	255.8	256.1	255.8	255.6	255.3	255.9	255.3	255.6
24.5°	254.6	254.2	254.3	254.5	254.8	254.5	254.3	254.2	254.6	254.2	254.3
25°	253.2	253.2	253.4	253.5	253.8	253.5	253.4	253.2	253.2	253.2	253.4
25.5°	252.2	252.0	252.3	252.5	252.4	252.5	252.3	252.0	252.2	252.0	252.3
26°	250.9	250.8	251.0	251.1	251.4	251.1	251.0	250.8	250.9	250.8	251.0
26.5°	249.9	249.5	249.9	249.9	250.0	249.9	249.9	249.5	249.9	249.5	249.9
27°	248.6	248.3	248.4	248.8	249.0	248.8	248.4	248.3	248.6	248.3	248.4
27.5°	247.5	247.0	247.2	247.5	247.7	247.5	247.2	247.0	247.5	247.0	247.2
28°	246.1	245.9	246.1	246.3	246.6	246.3	246.1	245.9	246.1	245.9	246.1
28.5°	244.9	244.4	244.9	245.0	245.4	245.0	244.9	244.4	244.9	244.4	244.9
29°	243.3	243.1	243.4	243.5	243.8	243.5	243.4	243.1	243.3	243.1	243.4
29.5°	242.0	241.8	242.2	242.2	242.5	242.2	242.2	241.8	242.0	241.8	242.2
30°	240.3	240.6	240.7	240.8	241.1	240.8	240.7	240.6	240.3	240.6	240.7
30.5°	239.3	239.0	239.4	239.5	240.1	239.5	239.4	239.0	239.3	239.0	239.4
31°	237.9	237.6	237.9	238.1	238.6	238.1	237.9	237.6	237.9	237.6	237.9
31.5°	236.5	236.1	236.5	236.7	237.1	236.7	236.5	236.1	236.5	236.1	236.5
32°	234.9	234.7	235.0	235.2	235.3	235.2	235.0	234.7	234.9	234.7	235.0
32.5°	233.7	233.1	233.8	233.8	234.0	233.8	233.8	233.1	233.7	233.1	233.8
33°	232.1	232.0	232.2	232.5	232.4	232.5	232.2	232.0	232.1	232.0	232.2
33.5°	230.8	230.2	230.9	230.9	230.8	230.9	230.9	230.2	230.8	230.2	230.9
34°	229.3	229.3	228.9	229.4	229.3	229.4	228.9	229.3	229.3	229.3	228.9
34.5°	227.4	227.5	227.6	227.8	228.0	227.8	227.6	227.5	227.4	227.5	227.6
35°	226.1	226.0	225.9	226.2	226.4	226.2	225.9	226.0	226.1	226.0	225.9
35.5°	224.3	224.5	224.4	224.9	224.6	224.9	224.4	224.5	224.3	224.5	224.4
36°	223.0	222.8	222.9	223.3	223.0	223.3	222.9	222.8	223.0	222.8	222.9
36.5°	221.0	221.0	221.3	221.6	221.4	221.6	221.3	221.0	221.0	221.0	221.3
37°	220.0	219.5	219.6	219.8	220.0	219.8	219.6	219.5	220.0	219.5	219.6
37.5°	217.6	217.8	218.3	218.6	218.5	218.6	218.3	217.8	217.6	217.8	218.3
38°	216.2	216.4	216.5	216.8	216.8	216.8	216.5	216.4	216.2	216.4	216.5
38.5°	214.4	214.5	214.7	215.2	215.1	215.2	214.7	214.5	214.4	214.5	214.7
39°	212.9	213.1	213.3	213.3	213.6	213.3	213.3	213.1	212.9	213.1	213.3
39.5°	211.3	211.2	211.6	211.7	211.7	211.7	211.6	211.2	211.3	211.2	211.6
40°	209.6	209.5	209.7	210.0	210.2	210.0	209.7	209.5	209.6	209.5	209.7
40.5°	207.9	207.7	207.9	208.3	208.4	208.3	207.9	207.7	207.9	207.7	207.9
41°	206.3	206.2	206.2	206.4	206.6	206.4	206.2	206.2	206.3	206.2	206.2
41.5°	204.4	204.2	204.5	204.7	204.9	204.7	204.5	204.2	204.4	204.2	204.5
42°	202.7	202.4	202.8	203.0	202.7	203.0	202.8	202.4	202.7	202.4	202.8
42.5°	201.0	200.6	201.0	201.3	201.1	201.3	201.0	200.6	201.0	200.6	201.0
43°	199.1	199.1	199.2	199.4	199.4	199.4	199.2	199.1	199.1	199.1	199.2
43.5°	197.3	197.1	197.2	197.5	197.6	197.5	197.2	197.1	197.3	197.1	197.2

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	191.8	191.5	191.6	192.0	192.0	192.0	191.6	191.5	191.8	191.5	191.6
45.5°	189.8	189.4	189.7	190.0	190.0	190.0	189.7	189.4	189.8	189.4	189.7
46°	187.8	187.6	187.8	188.1	188.1	188.1	187.8	187.6	187.8	187.6	187.8
46.5°	185.9	185.6	185.8	186.0	186.0	186.0	185.8	185.6	185.9	185.6	185.8
47°	184.1	183.8	184.0	184.1	184.1	184.1	184.0	183.8	184.1	183.8	184.0
47.5°	182.2	181.8	182.1	182.3	182.3	182.3	182.1	181.8	182.2	181.8	182.1
48°	180.1	179.8	180.1	180.3	180.3	180.3	180.1	179.8	180.1	179.8	180.1
48.5°	178.2	177.9	178.1	178.2	178.2	178.2	178.1	177.9	178.2	177.9	178.1
49°	176.3	176.0	176.1	176.5	176.5	176.5	176.1	176.0	176.3	176.0	176.1
49.5°	174.2	173.9	174.1	174.2	174.2	174.2	174.1	173.9	174.2	173.9	174.1
50°	172.1	171.9	171.8	172.3	172.3	172.3	171.8	171.9	172.1	171.9	171.8
50.5°	170.1	169.8	169.8	170.2	170.2	170.2	169.8	169.8	170.1	169.8	169.8
51°	168.0	167.8	167.7	168.2	168.2	168.2	167.7	167.8	168.0	167.8	167.7
51.5°	165.9	165.7	165.8	166.0	166.0	166.0	165.8	165.7	165.9	165.7	165.8
52°	163.8	163.6	163.5	163.9	163.9	163.9	163.5	163.6	163.8	163.6	163.5
52.5°	161.5	161.4	161.6	161.8	161.8	161.8	161.6	161.4	161.5	161.4	161.6
53°	159.5	159.4	159.5	159.7	159.7	159.7	159.5	159.4	159.5	159.4	159.5
53.5°	157.6	157.2	157.5	157.3	157.3	157.3	157.5	157.2	157.6	157.2	157.5
54°	155.4	155.1	155.2	155.5	155.5	155.5	155.2	155.1	155.4	155.1	155.2
54.5°	153.2	152.9	153.0	153.4	153.4	153.4	153.0	152.9	153.2	152.9	153.0
55°	151.0	150.8	150.9	151.2	151.2	151.2	150.9	150.8	151.0	150.8	150.9
55.5°	148.9	148.6	148.7	148.8	148.8	148.8	148.7	148.6	148.9	148.6	148.7
56°	146.6	146.3	146.5	146.6	146.6	146.6	146.5	146.3	146.6	146.3	146.5
56.5°	144.4	144.1	144.3	144.4	144.4	144.4	144.3	144.1	144.4	144.1	144.3
57°	142.1	141.8	142.0	142.3	142.3	142.3	142.0	141.8	142.1	141.8	142.0
57.5°	139.8	139.6	139.8	140.1	140.1	140.1	139.8	139.6	139.8	139.6	139.8
58°	137.6	137.3	137.6	137.8	137.8	137.8	137.6	137.3	137.6	137.3	137.6
58.5°	135.4	135.2	135.3	135.4	135.4	135.4	135.3	135.2	135.4	135.2	135.3
59°	133.2	132.9	132.8	133.1	133.1	133.1	132.8	132.9	133.2	132.9	132.8
59.5°	130.8	130.6	130.5	130.8	130.8	130.8	130.5	130.6	130.8	130.6	130.5
60°	128.5	128.3	128.2	128.5	128.5	128.5	128.2	128.3	128.5	128.3	128.2
60.5°	126.2	125.9	125.9	126.2	126.2	126.2	125.9	125.9	126.2	125.9	125.9
61°	123.7	123.6	123.6	123.8	123.8	123.8	123.6	123.6	123.7	123.6	123.6
61.5°	121.3	121.2	121.3	121.5	121.5	121.5	121.3	121.2	121.3	121.2	121.3
62°	118.9	118.9	118.9	119.2	119.2	119.2	118.9	118.9	118.9	118.9	118.9
62.5°	116.6	116.6	116.6	116.9	116.9	116.9	116.6	116.6	116.6	116.6	116.6
63°	114.3	114.2	114.3	114.5	114.5	114.5	114.3	114.2	114.3	114.2	114.3
63.5°	111.8	111.8	111.9	112.0	112.0	112.0	111.9	111.8	111.8	111.8	111.9
64°	109.5	109.3	109.5	109.6	109.6	109.6	109.5	109.3	109.5	109.3	109.5
64.5°	107.0	107.0	107.1	107.1	107.1	107.1	107.1	107.0	107.0	107.0	107.1
65°	104.7	104.5	104.6	104.7	104.7	104.7	104.6	104.5	104.7	104.5	104.6
65.5°	102.2	102.1	102.2	102.3	102.3	102.3	102.2	102.1	102.2	102.1	102.2
66°	99.7	99.6	99.7	99.9	99.9	99.9	99.7	99.6	99.7	99.6	99.7

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997219

CATALOG NUMBER: SMX6SLSFSD2W-750LM-4000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	92.5	92.2	92.3	92.5	92.6	92.5	92.3	92.2	92.5	92.2	92.3
68°	90.0	89.8	89.8	90.0	90.2	90.0	89.8	89.8	90.0	89.8	89.8
68.5°	87.5	87.4	87.5	87.6	87.6	87.6	87.5	87.4	87.5	87.4	87.5
69°	85.0	84.9	84.8	85.0	85.1	85.0	84.8	84.9	85.0	84.9	84.8
69.5°	82.5	82.3	82.4	82.6	82.6	82.6	82.4	82.3	82.5	82.3	82.4
70°	80.1	79.9	80.0	80.1	80.1	80.1	80.0	79.9	80.1	79.9	80.0
70.5°	77.5	77.3	77.4	77.6	77.6	77.6	77.4	77.3	77.5	77.3	77.4
71°	75.0	74.9	74.9	75.1	75.1	75.1	74.9	74.9	75.0	74.9	74.9
71.5°	72.4	72.3	72.4	72.6	72.5	72.6	72.4	72.3	72.4	72.3	72.4
72°	69.9	69.8	69.8	70.0	70.0	70.0	69.8	69.8	69.9	69.8	69.8
72.5°	67.4	67.3	67.4	67.6	67.5	67.6	67.4	67.3	67.4	67.3	67.4
73°	64.8	64.8	64.8	65.1	65.0	65.1	64.8	64.8	64.8	64.8	64.8
73.5°	62.4	62.3	62.3	62.5	62.5	62.5	62.3	62.3	62.4	62.3	62.3
74°	60.0	59.9	59.9	59.9	60.1	59.9	59.9	59.9	60.0	59.9	59.9
74.5°	57.4	57.4	57.4	57.5	57.5	57.5	57.4	57.4	57.4	57.4	57.4
75°	54.9	54.9	54.9	55.0	55.0	55.0	54.9	54.9	54.9	54.9	54.9
75.5°	52.4	52.4	52.4	52.5	52.5	52.5	52.4	52.4	52.4	52.4	52.4
76°	50.0	49.9	49.9	50.0	50.0	50.0	49.9	49.9	50.0	49.9	49.9
76.5°	47.5	47.4	47.5	47.6	47.5	47.6	47.5	47.4	47.5	47.4	47.5
77°	45.0	45.0	45.1	45.2	45.2	45.2	45.1	45.0	45.0	45.0	45.1
77.5°	42.7	42.6	42.7	42.8	42.8	42.8	42.7	42.6	42.7	42.6	42.7
78°	40.3	40.3	40.3	40.5	40.5	40.5	40.3	40.3	40.3	40.3	40.3
78.5°	38.0	38.0	37.9	38.1	38.1	38.1	37.9	38.0	38.0	38.0	37.9
79°	35.7	35.6	35.6	35.7	35.8	35.7	35.6	35.6	35.7	35.6	35.6
79.5°	33.3	33.3	33.3	33.4	33.4	33.4	33.3	33.3	33.3	33.3	33.3
80°	31.0	30.9	31.0	31.1	31.1	31.1	31.0	30.9	31.0	30.9	31.0
80.5°	28.7	28.7	28.7	28.9	28.8	28.9	28.7	28.7	28.7	28.7	28.7
81°	26.5	26.5	26.5	26.6	26.6	26.6	26.5	26.5	26.5	26.5	26.5
81.5°	24.3	24.2	24.3	24.4	24.4	24.4	24.3	24.2	24.3	24.2	24.3
82°	22.0	22.0	22.1	22.2	22.3	22.2	22.1	22.0	22.0	22.0	22.1
82.5°	19.9	19.9	20.0	20.2	20.3	20.2	20.0	19.9	19.9	19.9	20.0
83°	17.9	18.0	18.0	18.2	18.3	18.2	18.0	18.0	17.9	18.0	18.0
83.5°	16.0	16.0	16.1	16.2	16.3	16.2	16.1	16.0	16.0	16.0	16.1
84°	14.2	14.1	14.3	14.3	14.4	14.3	14.3	14.1	14.2	14.1	14.3
84.5°	12.4	12.4	12.4	12.6	12.7	12.6	12.4	12.4	12.4	12.4	12.4
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°	9.0	9.0	9.2	9.3	9.4	9.3	9.2	9.0	9.0	9.0	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	6.1	6.3	6.4	6.6	6.4	6.3	6.1	6.1	6.1	6.3
87°	4.8	4.9	5.0	5.1	5.3	5.1	5.0	4.9	4.8	4.9	5.0
87.5°	3.7	3.8	3.9	4.0	4.2	4.0	3.9	3.8	3.7	3.8	3.9
88°	2.7	2.7	2.9	3.0	3.3	3.0	2.9	2.7	2.7	2.7	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: P997219
CATALOG NUMBER: SMX6SLSFSD2W-750LM-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: P997219

CATALOG NUMBER: SMX6SLSFSD2W-750LM-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	283.0	283.0	283.0	283.0	283.0	283.0
0.5°	283.3	283.5	283.3	282.8	282.9	283.0
1°	283.3	283.6	283.3	283.0	282.9	282.9
1.5°	283.2	283.5	283.2	283.0	282.7	283.2
2°	283.3	283.6	283.3	282.9	282.6	283.2
2.5°	283.1	282.9	283.1	282.7	282.6	282.8
3°	283.0	282.8	283.0	282.6	282.3	282.7
3.5°	282.8	282.6	282.8	282.6	282.2	282.7
4°	282.5	282.7	282.5	282.4	282.2	282.3
4.5°	282.1	282.4	282.1	282.2	281.8	282.3
5°	281.9	281.8	281.9	282.0	281.4	281.9
5.5°	281.6	282.0	281.6	281.6	281.4	282.0
6°	281.6	282.0	281.6	281.3	281.0	281.2
6.5°	281.0	281.3	281.0	280.9	280.7	281.1
7°	280.9	281.3	280.9	280.6	280.5	280.8
7.5°	280.3	280.6	280.3	280.4	280.1	280.4
8°	280.1	280.6	280.1	280.2	279.4	280.1
8.5°	279.6	280.0	279.6	279.5	279.3	279.5
9°	279.4	279.6	279.4	279.0	278.9	278.5
9.5°	279.1	279.0	279.1	278.5	278.6	278.3
10°	278.6	278.8	278.6	278.1	278.2	277.8
10.5°	278.0	278.2	278.0	277.8	277.4	277.3
11°	277.7	277.2	277.7	277.2	276.9	277.0
11.5°	276.7	277.0	276.7	276.9	276.4	276.5
12°	276.5	276.7	276.5	276.0	275.6	276.0
12.5°	275.8	275.9	275.8	275.6	275.3	275.4
13°	275.0	275.2	275.0	274.9	274.6	275.0
13.5°	274.2	274.4	274.2	274.5	273.9	274.3
14°	273.7	274.2	273.7	273.7	273.4	273.4
14.5°	273.1	273.4	273.1	273.1	272.7	273.0
15°	272.4	272.6	272.4	272.5	272.1	272.2
15.5°	271.6	272.0	271.6	271.4	271.3	271.5
16°	271.0	270.8	271.0	270.8	270.6	270.5
16.5°	270.2	270.3	270.2	270.0	269.7	270.0
17°	269.6	269.2	269.6	269.3	269.0	269.2
17.5°	268.4	268.6	268.4	268.3	268.0	268.3
18°	267.7	267.7	267.7	267.5	267.1	267.2
18.5°	266.7	267.2	266.7	266.5	266.6	266.6
19°	265.9	266.4	265.9	265.9	265.6	265.7
19.5°	264.8	264.9	264.8	265.0	264.3	264.7
20°	264.1	264.2	264.1	263.9	263.8	264.0
20.5°	263.0	263.3	263.0	262.8	262.5	263.0
21°	262.1	262.4	262.1	261.7	261.8	261.7

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997219

CATALOG NUMBER: SMX6SLSFSD2W-750LM-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	259.3	259.1	259.3	258.4	258.3	259.1
23°	258.3	258.1	258.3	257.6	257.5	257.9
23.5°	257.1	257.0	257.1	256.6	256.3	256.8
24°	255.8	256.1	255.8	255.6	255.3	255.9
24.5°	254.5	254.8	254.5	254.3	254.2	254.6
25°	253.5	253.8	253.5	253.4	253.2	253.2
25.5°	252.5	252.4	252.5	252.3	252.0	252.2
26°	251.1	251.4	251.1	251.0	250.8	250.9
26.5°	249.9	250.0	249.9	249.9	249.5	249.9
27°	248.8	249.0	248.8	248.4	248.3	248.6
27.5°	247.5	247.7	247.5	247.2	247.0	247.5
28°	246.3	246.6	246.3	246.1	245.9	246.1
28.5°	245.0	245.4	245.0	244.9	244.4	244.9
29°	243.5	243.8	243.5	243.4	243.1	243.3
29.5°	242.2	242.5	242.2	242.2	241.8	242.0
30°	240.8	241.1	240.8	240.7	240.6	240.3
30.5°	239.5	240.1	239.5	239.4	239.0	239.3
31°	238.1	238.6	238.1	237.9	237.6	237.9
31.5°	236.7	237.1	236.7	236.5	236.1	236.5
32°	235.2	235.3	235.2	235.0	234.7	234.9
32.5°	233.8	234.0	233.8	233.8	233.1	233.7
33°	232.5	232.4	232.5	232.2	232.0	232.1
33.5°	230.9	230.8	230.9	230.9	230.2	230.8
34°	229.4	229.3	229.4	228.9	229.3	229.3
34.5°	227.8	228.0	227.8	227.6	227.5	227.4
35°	226.2	226.4	226.2	225.9	226.0	226.1
35.5°	224.9	224.6	224.9	224.4	224.5	224.3
36°	223.3	223.0	223.3	222.9	222.8	223.0
36.5°	221.6	221.4	221.6	221.3	221.0	221.0
37°	219.8	220.0	219.8	219.6	219.5	220.0
37.5°	218.6	218.5	218.6	218.3	217.8	217.6
38°	216.8	216.8	216.8	216.5	216.4	216.2
38.5°	215.2	215.1	215.2	214.7	214.5	214.4
39°	213.3	213.6	213.3	213.3	213.1	212.9
39.5°	211.7	211.7	211.7	211.6	211.2	211.3
40°	210.0	210.2	210.0	209.7	209.5	209.6
40.5°	208.3	208.4	208.3	207.9	207.7	207.9
41°	206.4	206.6	206.4	206.2	206.2	206.3
41.5°	204.7	204.9	204.7	204.5	204.2	204.4
42°	203.0	202.7	203.0	202.8	202.4	202.7
42.5°	201.3	201.1	201.3	201.0	200.6	201.0
43°	199.4	199.4	199.4	199.2	199.1	199.1
43.5°	197.5	197.6	197.5	197.2	197.1	197.3

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997219

CATALOG NUMBER: SMX6SLSFSD2W-750LM-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	192.0	192.0	192.0	191.6	191.5	191.8
45.5°	190.0	190.0	190.0	189.7	189.4	189.8
46°	188.1	188.1	188.1	187.8	187.6	187.8
46.5°	186.0	186.2	186.0	185.8	185.6	185.9
47°	184.1	184.2	184.1	184.0	183.8	184.1
47.5°	182.3	182.4	182.3	182.1	181.8	182.2
48°	180.3	180.5	180.3	180.1	179.8	180.1
48.5°	178.2	178.4	178.2	178.1	177.9	178.2
49°	176.5	176.3	176.5	176.1	176.0	176.3
49.5°	174.2	174.5	174.2	174.1	173.9	174.2
50°	172.3	172.4	172.3	171.8	171.9	172.1
50.5°	170.2	170.3	170.2	169.8	169.8	170.1
51°	168.2	168.2	168.2	167.7	167.8	168.0
51.5°	166.0	166.2	166.0	165.8	165.7	165.9
52°	163.9	164.2	163.9	163.5	163.6	163.8
52.5°	161.8	162.0	161.8	161.6	161.4	161.5
53°	159.7	159.8	159.7	159.5	159.4	159.5
53.5°	157.3	157.7	157.3	157.5	157.2	157.6
54°	155.5	155.6	155.5	155.2	155.1	155.4
54.5°	153.4	153.4	153.4	153.0	152.9	153.2
55°	151.2	151.3	151.2	150.9	150.8	151.0
55.5°	148.8	149.2	148.8	148.7	148.6	148.9
56°	146.6	146.8	146.6	146.5	146.3	146.6
56.5°	144.4	144.5	144.4	144.3	144.1	144.4
57°	142.3	142.3	142.3	142.0	141.8	142.1
57.5°	140.1	140.1	140.1	139.8	139.6	139.8
58°	137.8	137.8	137.8	137.6	137.3	137.6
58.5°	135.4	135.5	135.4	135.3	135.2	135.4
59°	133.1	133.3	133.1	132.8	132.9	133.2
59.5°	130.8	130.9	130.8	130.5	130.6	130.8
60°	128.5	128.7	128.5	128.2	128.3	128.5
60.5°	126.2	126.4	126.2	125.9	125.9	126.2
61°	123.8	124.0	123.8	123.6	123.6	123.7
61.5°	121.5	121.6	121.5	121.3	121.2	121.3
62°	119.2	119.3	119.2	118.9	118.9	118.9
62.5°	116.9	116.9	116.9	116.6	116.6	116.6
63°	114.5	114.5	114.5	114.3	114.2	114.3
63.5°	112.0	112.2	112.0	111.9	111.8	111.8
64°	109.6	109.9	109.6	109.5	109.3	109.5
64.5°	107.1	107.4	107.1	107.1	107.0	107.0
65°	104.7	105.0	104.7	104.6	104.5	104.7
65.5°	102.3	102.4	102.3	102.2	102.1	102.2
66°	99.9	100.0	99.9	99.7	99.6	99.7

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997219

CATALOG NUMBER: SMX6SLSFSD2W-750LM-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	92.5	92.6	92.5	92.3	92.2	92.5
68°	90.0	90.2	90.0	89.8	89.8	90.0
68.5°	87.6	87.6	87.6	87.5	87.4	87.5
69°	85.0	85.1	85.0	84.8	84.9	85.0
69.5°	82.6	82.6	82.6	82.4	82.3	82.5
70°	80.1	80.1	80.1	80.0	79.9	80.1
70.5°	77.6	77.6	77.6	77.4	77.3	77.5
71°	75.1	75.1	75.1	74.9	74.9	75.0
71.5°	72.6	72.5	72.6	72.4	72.3	72.4
72°	70.0	70.0	70.0	69.8	69.8	69.9
72.5°	67.6	67.5	67.6	67.4	67.3	67.4
73°	65.1	65.0	65.1	64.8	64.8	64.8
73.5°	62.5	62.5	62.5	62.3	62.3	62.4
74°	59.9	60.1	59.9	59.9	59.9	60.0
74.5°	57.5	57.5	57.5	57.4	57.4	57.4
75°	55.0	55.0	55.0	54.9	54.9	54.9
75.5°	52.5	52.5	52.5	52.4	52.4	52.4
76°	50.0	50.0	50.0	49.9	49.9	50.0
76.5°	47.6	47.5	47.6	47.5	47.4	47.5
77°	45.2	45.2	45.2	45.1	45.0	45.0
77.5°	42.8	42.8	42.8	42.7	42.6	42.7
78°	40.5	40.5	40.5	40.3	40.3	40.3
78.5°	38.1	38.1	38.1	37.9	38.0	38.0
79°	35.7	35.8	35.7	35.6	35.6	35.7
79.5°	33.4	33.4	33.4	33.3	33.3	33.3
80°	31.1	31.1	31.1	31.0	30.9	31.0
80.5°	28.9	28.8	28.9	28.7	28.7	28.7
81°	26.6	26.6	26.6	26.5	26.5	26.5
81.5°	24.4	24.4	24.4	24.3	24.2	24.3
82°	22.2	22.3	22.2	22.1	22.0	22.0
82.5°	20.2	20.3	20.2	20.0	19.9	19.9
83°	18.2	18.3	18.2	18.0	18.0	17.9
83.5°	16.2	16.3	16.2	16.1	16.0	16.0
84°	14.3	14.4	14.3	14.3	14.1	14.2
84.5°	12.6	12.7	12.6	12.4	12.4	12.4
85°	10.9	11.1	10.9	10.7	10.7	10.7
85.5°	9.3	9.4	9.3	9.2	9.0	9.0
86°	7.8	8.0	7.8	7.7	7.6	7.5
86.5°	6.4	6.6	6.4	6.3	6.1	6.1
87°	5.1	5.3	5.1	5.0	4.9	4.8
87.5°	4.0	4.2	4.0	3.9	3.8	3.7
88°	3.0	3.3	3.0	2.9	2.7	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: P997219

CATALOG NUMBER: SMX6SLSFSD2W-750LM-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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Report Generated By 670245859 / DESKTOP-T8S5UU9

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

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21.5°	261.2	260.5	260.6	261.0	261.2	261.0	260.6	260.5	261.2	260.5	260.6
22°	260.1	259.4	259.9	260.3	260.0	260.3	259.9	259.4	260.1	259.4	259.9



44°	195.6	195.2	195.4	195.8	195.7	195.8	195.4	195.2	195.6	195.2	195.4
44.5°	193.5	193.3	193.5	193.8	193.9	193.8	193.5	193.3	193.5	193.3	193.5

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66.5°	97.3	97.1	97.2	97.5	97.5	97.2	97.1	97.3	97.1	97.2
67°	94.9	94.7	94.8	94.9	94.9	94.8	94.7	94.9	94.7	94.8



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°	261.0	261.2	261.0	260.6	260.5	261.2
22°	260.3	260.0	260.3	259.9	259.4	260.1

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44°	195.8	195.7	195.8	195.4	195.2	195.6
44.5°	193.8	193.9	193.8	193.5	193.3	193.5

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66.5°	97.5	97.5	97.5	97.2	97.1	97.3
67°	94.9	95.1	94.9	94.8	94.7	94.9

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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)