

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: HALO

Report Number: P938633

Luminaire Tested: SMX6RLSFSD2W-750LM-3500K

Issue Date: 1/9/2025



Test Information

Test Method: LM-79-2019
Report Number: P938633
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (A2405958-01A001)
Test Lab:
Issue Date: 1/9/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: HALO
Catalog Number: SMX6RLSFS2W-750LM-3500K
Description: 6IN ROUND, 90CRI, DIMMING TO 10%, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 3500K CCT
Ballast/Driver: -

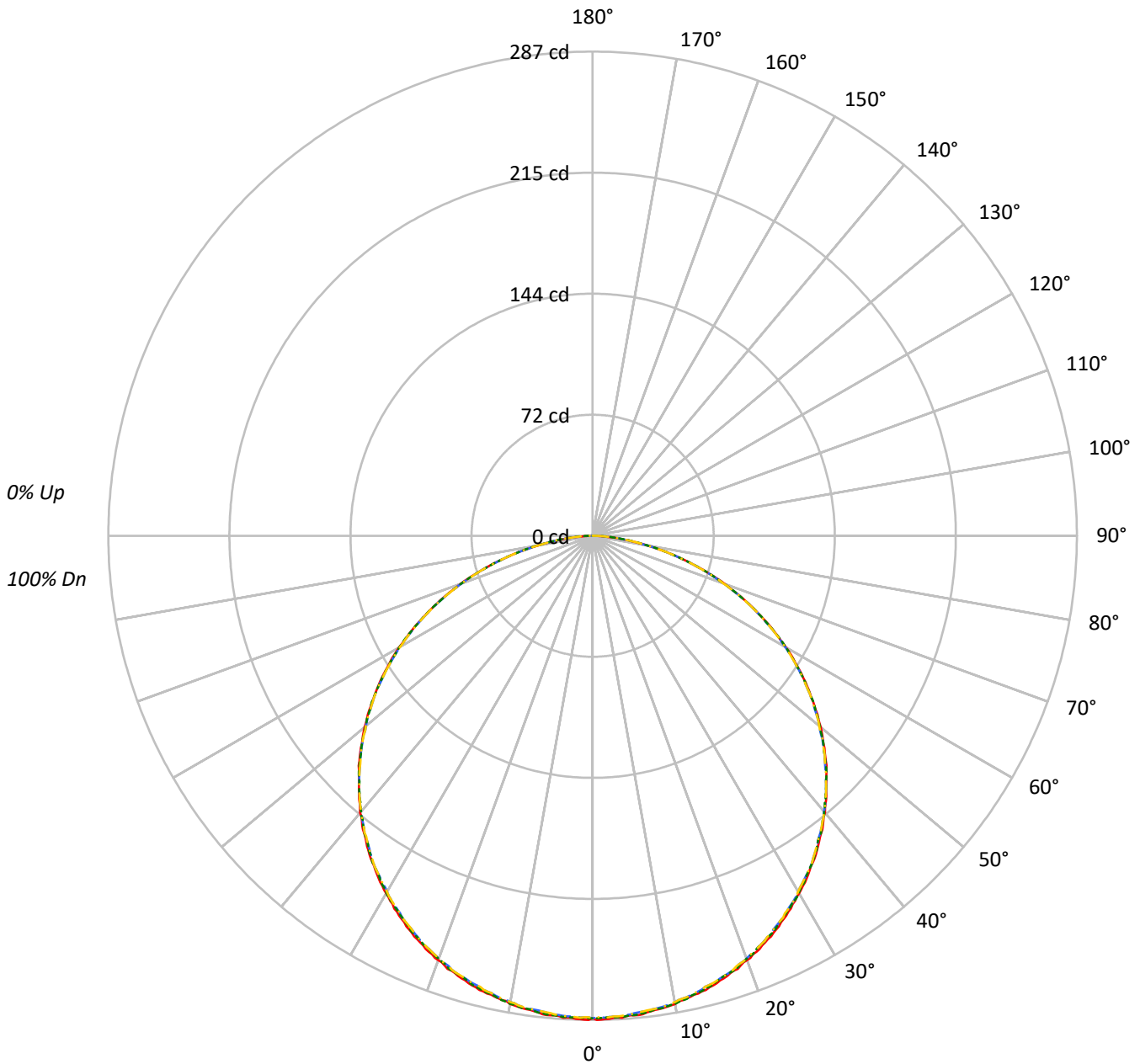
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 838.4 lumens
Efficiency: N/A
Efficacy: 104.8 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): 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: 24 FT

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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20					20					20					20										
RC	80					70					50					30					10					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0					
RCR	0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100							
	1	109	104	99	95	106	101	98	94	97	94	91	93	91	88	90	88	86	83							
	2	99	90	83	77	96	88	82	77	85	79	75	81	77	73	78	75	71	69							
	3	90	79	71	64	87	77	70	64	74	68	62	72	66	61	69	64	60	58							
	4	82	70	61	54	80	69	60	54	66	59	53	64	57	52	61	56	52	49							
	5	75	62	53	46	73	61	53	46	59	51	46	57	50	45	55	49	45	43							
	6	70	56	47	40	68	55	47	40	53	46	40	52	45	40	50	44	39	37							
	7	64	51	42	36	63	50	42	36	48	41	35	47	40	35	46	39	35	33							
	8	60	46	38	32	58	46	37	32	44	37	31	43	36	31	42	36	31	29							
	9	56	42	34	29	55	42	34	28	41	33	28	40	33	28	39	32	28	26							
	10	52	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	25	24							

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	15684	15684	15684	15684
5°	15705	15694	15705	15694
10°	15692	15676	15692	15676
15°	15658	15641	15658	15641
20°	15611	15565	15611	15565
25°	15575	15539	15575	15539
30°	15496	15471	15496	15471
35°	15439	15379	15439	15379
40°	15343	15279	15343	15279
45°	15188	15188	15188	15188
50°	15044	15002	15044	15002
55°	14824	14786	14824	14786
60°	14516	14505	14516	14505
65°	14009	14009	14009	14009
70°	13336	13271	13336	13271
75°	12158	12179	12158	12179
80°	10386	10481	10386	10481
85°	7611	8491	7611	8491

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 89.5°
 Luminance: 21987 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.1	3.2
10°-20°	77.7	9.3
20°-30°	118.3	14.1
30°-40°	143.8	17.2
40°-50°	150.8	18.0
50°-60°	138.1	16.5
60°-70°	106.5	12.7
70°-80°	60.6	7.2
80°-90°	15.5	1.9
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°	223.1	26.6
0°-40°	366.9	43.8
0°-60°	655.7	78.2
0°-90°	838.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	838.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	286	286	286	286	286	
5°	285	285	285	285	285	27
15°	276	276	276	276	276	78
25°	258	257	258	257	258	119
35°	231	230	231	230	231	144
45°	196	196	196	196	196	151
55°	155	155	155	155	155	138
65°	108	108	108	108	108	107
75°	57	58	57	58	57	61
85°	12	14	12	14	12	15
90°	0	0	0	0	0	



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CATALOG NUMBER: SMX6RLSFSD2W-750LM-3500K

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	286.1	286.1	286.1	286.1	286.1	286.1	286.1	286.1	286.1	286.1	286.1
0.5°	287.0	286.0	285.4	286.2	286.1	286.2	285.4	286.0	287.0	286.0	285.4
1°	286.9	285.8	285.5	285.9	285.9	285.9	285.5	285.8	286.9	285.8	285.5
1.5°	286.6	285.9	285.8	286.1	285.8	286.1	285.8	285.9	286.6	285.9	285.8
2°	286.5	286.0	285.5	286.0	285.4	286.0	285.5	286.0	286.5	286.0	285.5
2.5°	286.0	285.7	285.2	286.1	285.8	286.1	285.2	285.7	286.0	285.7	285.2
3°	286.0	285.6	285.3	285.8	285.8	285.8	285.3	285.6	286.0	285.6	285.3
3.5°	286.2	285.4	285.1	285.5	285.7	285.5	285.1	285.4	286.2	285.4	285.1
4°	285.5	285.4	284.8	285.2	285.5	285.2	284.8	285.4	285.5	285.4	284.8
4.5°	285.2	284.9	284.7	285.1	285.2	285.1	284.7	284.9	285.2	284.9	284.7
5°	285.4	284.7	284.1	284.9	285.2	284.9	284.1	284.7	285.4	284.7	284.1
5.5°	285.4	284.4	283.8	284.7	285.1	284.7	283.8	284.4	285.4	284.4	283.8
6°	285.2	284.1	283.6	284.3	284.6	284.3	283.6	284.1	285.2	284.1	283.6
6.5°	284.4	283.9	283.2	283.7	284.5	283.7	283.2	283.9	284.4	283.9	283.2
7°	284.0	283.8	283.0	283.5	283.9	283.5	283.0	283.8	284.0	283.8	283.0
7.5°	283.5	283.5	282.8	283.1	283.2	283.1	282.8	283.5	283.5	283.5	282.8
8°	283.4	283.1	282.6	282.6	283.1	282.6	282.6	283.1	283.4	283.1	282.6
8.5°	283.0	282.6	282.2	282.4	283.0	282.4	282.2	282.6	283.0	282.6	282.2
9°	282.7	282.2	281.8	281.9	282.4	281.9	281.8	282.2	282.7	282.2	281.8
9.5°	282.2	281.7	280.9	281.5	281.9	281.5	280.9	281.7	282.2	281.7	280.9
10°	281.9	281.4	280.7	281.3	281.6	281.3	280.7	281.4	281.9	281.4	280.7
10.5°	280.5	280.7	279.9	280.6	281.0	280.6	279.9	280.7	280.5	280.7	279.9
11°	280.4	280.1	279.5	280.2	280.5	280.2	279.5	280.1	280.4	280.1	279.5
11.5°	279.8	280.0	279.1	279.6	280.1	279.6	279.1	280.0	279.8	280.0	279.1
12°	279.3	279.3	278.6	279.2	278.9	279.2	278.6	279.3	279.3	279.3	278.6
12.5°	278.5	278.8	277.6	278.3	278.4	278.3	277.6	278.8	278.5	278.8	277.6
13°	278.4	278.1	277.4	277.9	278.0	277.9	277.4	278.1	278.4	278.1	277.4
13.5°	277.7	277.7	276.8	277.4	277.5	277.4	276.8	277.7	277.7	277.7	276.8
14°	277.5	276.5	275.6	276.5	276.7	276.5	275.6	276.5	277.5	276.5	275.6
14.5°	276.5	276.2	275.2	276.0	276.1	276.0	275.2	276.2	276.5	276.2	275.2
15°	275.9	275.0	274.7	275.6	275.6	275.6	274.7	275.0	275.9	275.0	274.7
15.5°	275.2	274.2	273.9	274.8	274.2	274.8	273.9	274.2	275.2	274.2	273.9
16°	274.1	273.5	273.1	273.9	273.4	273.9	273.1	273.5	274.1	273.5	273.1
16.5°	273.6	272.8	272.5	273.0	272.5	273.0	272.5	272.8	273.6	272.8	272.5
17°	272.9	272.1	271.8	272.0	272.0	272.0	271.8	272.1	272.9	272.1	271.8
17.5°	271.7	271.3	271.2	271.4	271.4	271.4	271.2	271.3	271.7	271.3	271.2
18°	271.1	270.6	270.3	270.5	271.0	270.5	270.3	270.6	271.1	270.6	270.3
18.5°	270.8	269.5	268.9	269.6	270.1	269.6	268.9	269.5	270.8	269.5	268.9
19°	269.4	269.1	268.3	268.9	268.6	268.9	268.3	269.1	269.4	269.1	268.3
19.5°	268.2	267.9	267.6	268.2	267.8	268.2	267.6	267.9	268.2	267.9	267.6
20°	267.6	266.8	266.7	267.0	266.8	267.0	266.7	266.8	267.6	266.8	266.7
20.5°	267.1	265.8	265.7	266.0	265.9	266.0	265.7	265.8	267.1	265.8	265.7
21°	265.6	264.9	264.7	265.1	265.5	265.1	264.7	264.9	265.6	264.9	264.7



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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°	262.8	262.3	261.7	262.5	262.3	262.5	261.7	262.3	262.8	262.3	261.7
23°	261.8	260.9	260.9	261.2	260.8	261.2	260.9	260.9	261.8	260.9	260.9
23.5°	260.7	260.1	259.5	260.1	259.9	260.1	259.5	260.1	260.7	260.1	259.5
24°	260.0	259.1	258.6	259.0	258.9	259.0	258.6	259.1	260.0	259.1	258.6
24.5°	258.6	258.3	257.2	257.7	258.1	257.7	257.2	258.3	258.6	258.3	257.2
25°	257.5	256.8	256.1	256.4	256.9	256.4	256.1	256.8	257.5	256.8	256.1
25.5°	256.6	255.8	255.0	255.4	255.4	255.4	255.0	255.8	256.6	255.8	255.0
26°	254.8	254.4	253.9	254.2	254.2	254.2	253.9	254.4	254.8	254.4	253.9
26.5°	253.8	253.4	253.0	253.0	252.8	253.0	253.0	253.4	253.8	253.4	253.0
27°	252.7	251.9	251.1	251.7	251.8	251.7	251.1	251.9	252.7	251.9	251.1
27.5°	251.2	250.3	250.1	250.9	250.5	250.9	250.1	250.3	251.2	250.3	250.1
28°	250.3	249.6	248.9	249.8	249.5	249.8	248.9	249.6	250.3	249.6	248.9
28.5°	248.5	248.5	247.9	248.0	247.9	248.0	247.9	248.5	248.5	248.5	247.9
29°	247.4	247.3	246.6	247.0	247.1	247.0	246.6	247.3	247.4	247.3	246.6
29.5°	245.8	245.8	245.3	245.9	246.0	245.9	245.3	245.8	245.8	245.8	245.3
30°	244.8	244.7	243.7	244.6	244.4	244.6	243.7	244.7	244.8	244.7	243.7
30.5°	243.5	243.1	242.1	243.3	242.8	243.3	242.1	243.1	243.5	243.1	242.1
31°	242.1	241.7	240.9	241.6	241.7	241.6	240.9	241.7	242.1	241.7	240.9
31.5°	240.9	240.2	239.6	240.3	240.4	240.3	239.6	240.2	240.9	240.2	239.6
32°	239.3	238.8	238.3	238.7	238.6	238.7	238.3	238.8	239.3	238.8	238.3
32.5°	237.8	237.6	236.9	237.2	237.1	237.2	236.9	237.6	237.8	237.6	236.9
33°	236.3	236.1	235.7	235.8	235.7	235.8	235.7	236.1	236.3	236.1	235.7
33.5°	234.6	234.6	234.5	234.3	234.6	234.3	234.5	234.6	234.6	234.6	234.5
34°	233.4	232.9	232.8	232.9	233.3	232.9	232.8	232.9	233.4	232.9	232.8
34.5°	232.2	231.3	231.1	231.6	231.5	231.6	231.1	231.3	232.2	231.3	231.1
35°	230.7	229.7	229.7	230.0	229.8	230.0	229.7	229.7	230.7	229.7	229.7
35.5°	229.0	228.1	227.9	228.1	228.8	228.1	227.9	228.1	229.0	228.1	227.9
36°	227.4	226.9	226.4	226.5	226.5	226.5	226.4	226.9	227.4	226.9	226.4
36.5°	225.6	225.0	224.7	225.2	224.7	225.2	224.7	225.0	225.6	225.0	224.7
37°	223.9	223.5	223.1	223.5	223.4	223.5	223.1	223.5	223.9	223.5	223.1
37.5°	222.4	222.0	221.9	221.6	222.3	221.6	221.9	222.0	222.4	222.0	221.9
38°	221.1	220.2	220.1	220.0	220.4	220.0	220.1	220.2	221.1	220.2	220.1
38.5°	219.3	219.0	218.4	218.7	218.7	218.7	218.4	219.0	219.3	219.0	218.4
39°	217.3	217.1	216.8	216.9	216.6	216.9	216.8	217.1	217.3	217.1	216.8
39.5°	215.4	215.5	215.2	215.2	215.5	215.2	215.2	215.5	215.4	215.5	215.2
40°	214.4	213.6	213.4	213.5	213.5	213.5	213.4	213.6	214.4	213.6	213.4
40.5°	212.2	211.8	211.8	211.6	211.8	211.6	211.8	211.8	212.2	211.8	211.8
41°	210.4	210.1	210.1	209.9	209.6	209.9	210.1	210.1	210.4	210.1	210.1
41.5°	208.9	208.4	208.3	208.1	208.4	208.1	208.3	208.4	208.9	208.4	208.3
42°	207.1	206.6	206.6	206.3	206.3	206.3	206.6	206.6	207.1	206.6	206.6
42.5°	205.1	204.7	204.8	204.7	204.7	204.7	204.8	204.7	205.1	204.7	204.8
43°	203.2	202.7	202.8	202.9	202.8	202.9	202.8	202.7	203.2	202.7	202.8
43.5°	201.2	200.7	200.9	201.1	200.8	201.1	200.9	200.7	201.2	200.7	200.9



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	195.9	195.6	195.1	195.3	195.9	195.3	195.1	195.6	195.9	195.6	195.1
45.5°	194.4	193.6	193.1	193.6	193.7	193.6	193.1	193.6	194.4	193.6	193.1
46°	192.2	191.8	191.3	191.7	191.8	191.7	191.3	191.8	192.2	191.8	191.3
46.5°	190.2	189.9	189.6	189.9	189.7	189.9	189.6	189.9	190.2	189.9	189.6
47°	188.2	187.8	187.7	187.8	187.5	187.8	187.7	187.8	188.2	187.8	187.7
47.5°	186.3	185.8	185.6	185.6	185.8	185.6	185.6	185.8	186.3	185.8	185.6
48°	184.1	184.0	183.6	184.0	184.1	184.0	183.6	184.0	184.1	184.0	183.6
48.5°	182.2	182.1	181.8	181.9	181.9	181.9	181.8	182.1	182.2	182.1	181.8
49°	180.4	180.0	179.4	180.0	179.7	180.0	179.4	180.0	180.4	180.0	179.4
49.5°	178.4	178.0	177.2	178.0	177.6	178.0	177.2	178.0	178.4	178.0	177.2
50°	176.4	175.9	175.3	175.9	175.9	175.9	175.3	175.9	176.4	175.9	175.3
50.5°	174.2	173.9	173.5	173.7	173.8	173.7	173.5	173.9	174.2	173.9	173.5
51°	172.0	171.7	171.4	171.6	172.0	171.6	171.4	171.7	172.0	171.7	171.4
51.5°	170.2	169.6	169.2	169.5	169.7	169.5	169.2	169.6	170.2	169.6	169.2
52°	168.0	167.4	167.1	167.4	167.5	167.4	167.1	167.4	168.0	167.4	167.1
52.5°	165.8	165.4	165.1	165.4	165.8	165.4	165.1	165.4	165.8	165.4	165.1
53°	163.6	163.2	163.0	163.3	163.8	163.3	163.0	163.2	163.6	163.2	163.0
53.5°	161.3	161.0	161.1	161.2	161.5	161.2	161.1	161.0	161.3	161.0	161.1
54°	159.4	158.9	159.0	159.0	159.2	159.0	159.0	158.9	159.4	158.9	159.0
54.5°	157.2	156.8	156.7	156.8	156.9	156.8	156.7	156.8	157.2	156.8	156.7
55°	155.1	154.7	154.4	154.5	154.7	154.5	154.4	154.7	155.1	154.7	154.4
55.5°	152.9	152.3	152.2	152.1	152.6	152.1	152.2	152.3	152.9	152.3	152.2
56°	150.6	150.2	149.9	150.0	150.4	150.0	149.9	150.2	150.6	150.2	149.9
56.5°	148.5	147.9	147.7	147.8	148.2	147.8	147.7	147.9	148.5	147.9	147.7
57°	146.1	145.6	145.5	145.7	145.7	145.7	145.5	145.6	146.1	145.6	145.5
57.5°	143.8	143.2	143.1	143.5	143.4	143.5	143.1	143.2	143.8	143.2	143.1
58°	141.6	141.1	140.9	141.3	141.3	141.3	140.9	141.1	141.6	141.1	140.9
58.5°	139.5	138.9	138.7	139.1	139.1	139.1	138.7	138.9	139.5	138.9	138.7
59°	137.2	136.6	136.4	136.8	136.7	136.8	136.4	136.6	137.2	136.6	136.4
59.5°	134.8	134.2	134.1	134.3	134.5	134.3	134.1	134.2	134.8	134.2	134.1
60°	132.4	132.0	131.7	131.9	132.3	131.9	131.7	132.0	132.4	132.0	131.7
60.5°	129.8	129.7	129.3	129.5	130.0	129.5	129.3	129.7	129.8	129.7	129.3
61°	127.4	127.3	127.0	127.0	127.7	127.0	127.0	127.3	127.4	127.3	127.0
61.5°	125.1	124.8	124.6	124.7	125.2	124.7	124.6	124.8	125.1	124.8	124.6
62°	122.8	122.6	122.2	122.3	122.7	122.3	122.2	122.6	122.8	122.6	122.2
62.5°	120.4	120.1	119.8	119.9	120.1	119.9	119.8	120.1	120.4	120.1	119.8
63°	118.0	117.6	117.3	117.7	117.6	117.7	117.3	117.6	118.0	117.6	117.3
63.5°	115.5	115.1	114.9	115.2	115.2	115.2	114.9	115.1	115.5	115.1	114.9
64°	112.7	112.8	112.6	112.9	112.9	112.9	112.6	112.8	112.7	112.8	112.6
64.5°	110.3	110.3	110.1	110.4	110.4	110.4	110.1	110.3	110.3	110.3	110.1
65°	108.0	107.7	107.7	107.9	108.0	107.9	107.7	107.7	108.0	107.7	107.7
65.5°	105.6	105.3	105.2	105.4	105.5	105.4	105.2	105.3	105.6	105.3	105.2
66°	103.2	103.0	102.7	102.9	103.0	102.9	102.7	103.0	103.2	103.0	102.7



TEST NUMBER: P938633
 CATALOG NUMBER: SMX6RLSFS2W-750LM-3500K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	95.6	95.2	95.2	95.5	95.3	95.5	95.2	95.2	95.6	95.2	95.2
68°	93.1	92.8	92.7	92.9	92.8	92.9	92.7	92.8	93.1	92.8	92.7
68.5°	90.6	90.4	90.2	90.4	90.3	90.4	90.2	90.4	90.6	90.4	90.2
69°	87.8	87.8	87.7	87.7	87.8	87.7	87.7	87.8	87.8	87.8	87.7
69.5°	85.6	85.3	85.1	85.3	85.3	85.3	85.1	85.3	85.6	85.3	85.1
70°	83.2	82.9	82.6	82.7	82.8	82.7	82.6	82.9	83.2	82.9	82.6
70.5°	80.7	80.2	80.0	80.3	80.3	80.3	80.0	80.2	80.7	80.2	80.0
71°	78.1	77.7	77.5	77.7	77.7	77.7	77.5	77.7	78.1	77.7	77.5
71.5°	75.3	75.1	75.0	75.2	75.2	75.2	75.0	75.1	75.3	75.1	75.0
72°	72.8	72.5	72.5	72.8	72.6	72.8	72.5	72.5	72.8	72.5	72.5
72.5°	70.2	69.9	69.9	70.2	70.2	70.2	69.9	69.9	70.2	69.9	69.9
73°	67.5	67.3	67.3	67.7	67.6	67.7	67.3	67.3	67.5	67.3	67.3
73.5°	64.8	65.0	64.8	65.1	65.0	65.1	64.8	65.0	64.8	65.0	64.8
74°	62.3	62.4	62.2	62.5	62.6	62.5	62.2	62.4	62.3	62.4	62.2
74.5°	60.0	59.7	59.7	60.0	60.0	60.0	59.7	59.7	60.0	59.7	59.7
75°	57.4	57.2	57.1	57.3	57.5	57.3	57.1	57.2	57.4	57.2	57.1
75.5°	54.8	54.7	54.6	54.9	54.9	54.9	54.6	54.7	54.8	54.7	54.6
76°	52.2	52.2	52.2	52.3	52.5	52.3	52.2	52.2	52.2	52.2	52.2
76.5°	49.7	49.7	49.7	49.9	50.0	49.9	49.7	49.7	49.7	49.7	49.7
77°	47.2	47.2	47.2	47.5	47.5	47.5	47.2	47.2	47.2	47.2	47.2
77.5°	44.8	44.6	44.8	45.1	45.1	45.1	44.8	44.6	44.8	44.6	44.8
78°	42.4	42.3	42.4	42.7	42.9	42.7	42.4	42.3	42.4	42.3	42.4
78.5°	40.0	39.9	40.0	40.2	40.4	40.2	40.0	39.9	40.0	39.9	40.0
79°	37.6	37.5	37.7	37.9	38.0	37.9	37.7	37.5	37.6	37.5	37.7
79.5°	35.2	35.2	35.3	35.5	35.6	35.5	35.3	35.2	35.2	35.2	35.3
80°	32.9	32.9	33.0	33.2	33.2	33.2	33.0	32.9	32.9	32.9	33.0
80.5°	30.6	30.6	30.7	30.9	30.9	30.9	30.7	30.6	30.6	30.6	30.7
81°	28.4	28.4	28.5	28.7	28.7	28.7	28.5	28.4	28.4	28.4	28.5
81.5°	26.1	26.1	26.2	26.5	26.6	26.5	26.2	26.1	26.1	26.1	26.2
82°	23.8	23.9	24.1	24.4	24.5	24.4	24.1	23.9	23.8	23.9	24.1
82.5°	21.6	21.8	22.1	22.4	22.5	22.4	22.1	21.8	21.6	21.8	22.1
83°	19.5	19.7	20.0	20.4	20.6	20.4	20.0	19.7	19.5	19.7	20.0
83.5°	17.4	17.7	18.1	18.5	18.7	18.5	18.1	17.7	17.4	17.7	18.1
84°	15.6	15.8	16.2	16.6	16.9	16.6	16.2	15.8	15.6	15.8	16.2
84.5°	14.0	13.9	14.4	14.8	15.1	14.8	14.4	13.9	14.0	13.9	14.4
85°	12.1	12.3	12.6	13.1	13.5	13.1	12.6	12.3	12.1	12.3	12.6
85.5°	10.4	10.6	10.9	11.5	11.9	11.5	10.9	10.6	10.4	10.6	10.9
86°	8.8	9.0	9.5	10.0	10.5	10.0	9.5	9.0	8.8	9.0	9.5
86.5°	7.5	7.6	8.1	8.7	9.1	8.7	8.1	7.6	7.5	7.6	8.1
87°	6.0	6.2	6.8	7.5	8.0	7.5	6.8	6.2	6.0	6.2	6.8
87.5°	4.8	5.1	5.7	6.4	6.9	6.4	5.7	5.1	4.8	5.1	5.7
88°	3.8	4.1	4.7	5.3	5.9	5.3	4.7	4.1	3.8	4.1	4.7
88.5°	2.9	3.1	3.8	4.5	5.0	4.5	3.8	3.1	2.9	3.1	3.8



TEST NUMBER: P938633
CATALOG NUMBER: SMX6RLSFS2W-750LM-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



TEST NUMBER: P938633

CATALOG NUMBER: SMX6RLSFSD2W-750LM-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	286.1	286.1	286.1	286.1	286.1	286.1
0.5°	286.2	286.1	286.2	285.4	286.0	287.0
1°	285.9	285.9	285.9	285.5	285.8	286.9
1.5°	286.1	285.8	286.1	285.8	285.9	286.6
2°	286.0	285.4	286.0	285.5	286.0	286.5
2.5°	286.1	285.8	286.1	285.2	285.7	286.0
3°	285.8	285.8	285.8	285.3	285.6	286.0
3.5°	285.5	285.7	285.5	285.1	285.4	286.2
4°	285.2	285.5	285.2	284.8	285.4	285.5
4.5°	285.1	285.2	285.1	284.7	284.9	285.2
5°	284.9	285.2	284.9	284.1	284.7	285.4
5.5°	284.7	285.1	284.7	283.8	284.4	285.4
6°	284.3	284.6	284.3	283.6	284.1	285.2
6.5°	283.7	284.5	283.7	283.2	283.9	284.4
7°	283.5	283.9	283.5	283.0	283.8	284.0
7.5°	283.1	283.2	283.1	282.8	283.5	283.5
8°	282.6	283.1	282.6	282.6	283.1	283.4
8.5°	282.4	283.0	282.4	282.2	282.6	283.0
9°	281.9	282.4	281.9	281.8	282.2	282.7
9.5°	281.5	281.9	281.5	280.9	281.7	282.2
10°	281.3	281.6	281.3	280.7	281.4	281.9
10.5°	280.6	281.0	280.6	279.9	280.7	280.5
11°	280.2	280.5	280.2	279.5	280.1	280.4
11.5°	279.6	280.1	279.6	279.1	280.0	279.8
12°	279.2	278.9	279.2	278.6	279.3	279.3
12.5°	278.3	278.4	278.3	277.6	278.8	278.5
13°	277.9	278.0	277.9	277.4	278.1	278.4
13.5°	277.4	277.5	277.4	276.8	277.7	277.7
14°	276.5	276.7	276.5	275.6	276.5	277.5
14.5°	276.0	276.1	276.0	275.2	276.2	276.5
15°	275.6	275.6	275.6	274.7	275.0	275.9
15.5°	274.8	274.2	274.8	273.9	274.2	275.2
16°	273.9	273.4	273.9	273.1	273.5	274.1
16.5°	273.0	272.5	273.0	272.5	272.8	273.6
17°	272.0	272.0	272.0	271.8	272.1	272.9
17.5°	271.4	271.4	271.4	271.2	271.3	271.7
18°	270.5	271.0	270.5	270.3	270.6	271.1
18.5°	269.6	270.1	269.6	268.9	269.5	270.8
19°	268.9	268.6	268.9	268.3	269.1	269.4
19.5°	268.2	267.8	268.2	267.6	267.9	268.2
20°	267.0	266.8	267.0	266.7	266.8	267.6
20.5°	266.0	265.9	266.0	265.7	265.8	267.1
21°	265.1	265.5	265.1	264.7	264.9	265.6



TEST NUMBER: P938633
 CATALOG NUMBER: SMX6RLSFSD2W-750LM-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	262.5	262.3	262.5	261.7	262.3	262.8
23°	261.2	260.8	261.2	260.9	260.9	261.8
23.5°	260.1	259.9	260.1	259.5	260.1	260.7
24°	259.0	258.9	259.0	258.6	259.1	260.0
24.5°	257.7	258.1	257.7	257.2	258.3	258.6
25°	256.4	256.9	256.4	256.1	256.8	257.5
25.5°	255.4	255.4	255.4	255.0	255.8	256.6
26°	254.2	254.2	254.2	253.9	254.4	254.8
26.5°	253.0	252.8	253.0	253.0	253.4	253.8
27°	251.7	251.8	251.7	251.1	251.9	252.7
27.5°	250.9	250.5	250.9	250.1	250.3	251.2
28°	249.8	249.5	249.8	248.9	249.6	250.3
28.5°	248.0	247.9	248.0	247.9	248.5	248.5
29°	247.0	247.1	247.0	246.6	247.3	247.4
29.5°	245.9	246.0	245.9	245.3	245.8	245.8
30°	244.6	244.4	244.6	243.7	244.7	244.8
30.5°	243.3	242.8	243.3	242.1	243.1	243.5
31°	241.6	241.7	241.6	240.9	241.7	242.1
31.5°	240.3	240.4	240.3	239.6	240.2	240.9
32°	238.7	238.6	238.7	238.3	238.8	239.3
32.5°	237.2	237.1	237.2	236.9	237.6	237.8
33°	235.8	235.7	235.8	235.7	236.1	236.3
33.5°	234.3	234.6	234.3	234.5	234.6	234.6
34°	232.9	233.3	232.9	232.8	232.9	233.4
34.5°	231.6	231.5	231.6	231.1	231.3	232.2
35°	230.0	229.8	230.0	229.7	229.7	230.7
35.5°	228.1	228.8	228.1	227.9	228.1	229.0
36°	226.5	226.5	226.5	226.4	226.9	227.4
36.5°	225.2	224.7	225.2	224.7	225.0	225.6
37°	223.5	223.4	223.5	223.1	223.5	223.9
37.5°	221.6	222.3	221.6	221.9	222.0	222.4
38°	220.0	220.4	220.0	220.1	220.2	221.1
38.5°	218.7	218.7	218.7	218.4	219.0	219.3
39°	216.9	216.6	216.9	216.8	217.1	217.3
39.5°	215.2	215.5	215.2	215.2	215.5	215.4
40°	213.5	213.5	213.5	213.4	213.6	214.4
40.5°	211.6	211.8	211.6	211.8	211.8	212.2
41°	209.9	209.6	209.9	210.1	210.1	210.4
41.5°	208.1	208.4	208.1	208.3	208.4	208.9
42°	206.3	206.3	206.3	206.6	206.6	207.1
42.5°	204.7	204.7	204.7	204.8	204.7	205.1
43°	202.9	202.8	202.9	202.8	202.7	203.2
43.5°	201.1	200.8	201.1	200.9	200.7	201.2



TEST NUMBER: P938633

CATALOG NUMBER: SMX6RLSFSD2W-750LM-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	195.3	195.9	195.3	195.1	195.6	195.9
45.5°	193.6	193.7	193.6	193.1	193.6	194.4
46°	191.7	191.8	191.7	191.3	191.8	192.2
46.5°	189.9	189.7	189.9	189.6	189.9	190.2
47°	187.8	187.5	187.8	187.7	187.8	188.2
47.5°	185.6	185.8	185.6	185.6	185.8	186.3
48°	184.0	184.1	184.0	183.6	184.0	184.1
48.5°	181.9	181.9	181.9	181.8	182.1	182.2
49°	180.0	179.7	180.0	179.4	180.0	180.4
49.5°	178.0	177.6	178.0	177.2	178.0	178.4
50°	175.9	175.9	175.9	175.3	175.9	176.4
50.5°	173.7	173.8	173.7	173.5	173.9	174.2
51°	171.6	172.0	171.6	171.4	171.7	172.0
51.5°	169.5	169.7	169.5	169.2	169.6	170.2
52°	167.4	167.5	167.4	167.1	167.4	168.0
52.5°	165.4	165.8	165.4	165.1	165.4	165.8
53°	163.3	163.8	163.3	163.0	163.2	163.6
53.5°	161.2	161.5	161.2	161.1	161.0	161.3
54°	159.0	159.2	159.0	159.0	158.9	159.4
54.5°	156.8	156.9	156.8	156.7	156.8	157.2
55°	154.5	154.7	154.5	154.4	154.7	155.1
55.5°	152.1	152.6	152.1	152.2	152.3	152.9
56°	150.0	150.4	150.0	149.9	150.2	150.6
56.5°	147.8	148.2	147.8	147.7	147.9	148.5
57°	145.7	145.7	145.7	145.5	145.6	146.1
57.5°	143.5	143.4	143.5	143.1	143.2	143.8
58°	141.3	141.3	141.3	140.9	141.1	141.6
58.5°	139.1	139.1	139.1	138.7	138.9	139.5
59°	136.8	136.7	136.8	136.4	136.6	137.2
59.5°	134.3	134.5	134.3	134.1	134.2	134.8
60°	131.9	132.3	131.9	131.7	132.0	132.4
60.5°	129.5	130.0	129.5	129.3	129.7	129.8
61°	127.0	127.7	127.0	127.0	127.3	127.4
61.5°	124.7	125.2	124.7	124.6	124.8	125.1
62°	122.3	122.7	122.3	122.2	122.6	122.8
62.5°	119.9	120.1	119.9	119.8	120.1	120.4
63°	117.7	117.6	117.7	117.3	117.6	118.0
63.5°	115.2	115.2	115.2	114.9	115.1	115.5
64°	112.9	112.9	112.9	112.6	112.8	112.7
64.5°	110.4	110.4	110.4	110.1	110.3	110.3
65°	107.9	108.0	107.9	107.7	107.7	108.0
65.5°	105.4	105.5	105.4	105.2	105.3	105.6
66°	102.9	103.0	102.9	102.7	103.0	103.2



TEST NUMBER: P938633
 CATALOG NUMBER: SMX6RLSFSD2W-750LM-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	95.5	95.3	95.5	95.2	95.2	95.6
68°	92.9	92.8	92.9	92.7	92.8	93.1
68.5°	90.4	90.3	90.4	90.2	90.4	90.6
69°	87.7	87.8	87.7	87.7	87.8	87.8
69.5°	85.3	85.3	85.3	85.1	85.3	85.6
70°	82.7	82.8	82.7	82.6	82.9	83.2
70.5°	80.3	80.3	80.3	80.0	80.2	80.7
71°	77.7	77.7	77.7	77.5	77.7	78.1
71.5°	75.2	75.2	75.2	75.0	75.1	75.3
72°	72.8	72.6	72.8	72.5	72.5	72.8
72.5°	70.2	70.2	70.2	69.9	69.9	70.2
73°	67.7	67.6	67.7	67.3	67.3	67.5
73.5°	65.1	65.0	65.1	64.8	65.0	64.8
74°	62.5	62.6	62.5	62.2	62.4	62.3
74.5°	60.0	60.0	60.0	59.7	59.7	60.0
75°	57.3	57.5	57.3	57.1	57.2	57.4
75.5°	54.9	54.9	54.9	54.6	54.7	54.8
76°	52.3	52.5	52.3	52.2	52.2	52.2
76.5°	49.9	50.0	49.9	49.7	49.7	49.7
77°	47.5	47.5	47.5	47.2	47.2	47.2
77.5°	45.1	45.1	45.1	44.8	44.6	44.8
78°	42.7	42.9	42.7	42.4	42.3	42.4
78.5°	40.2	40.4	40.2	40.0	39.9	40.0
79°	37.9	38.0	37.9	37.7	37.5	37.6
79.5°	35.5	35.6	35.5	35.3	35.2	35.2
80°	33.2	33.2	33.2	33.0	32.9	32.9
80.5°	30.9	30.9	30.9	30.7	30.6	30.6
81°	28.7	28.7	28.7	28.5	28.4	28.4
81.5°	26.5	26.6	26.5	26.2	26.1	26.1
82°	24.4	24.5	24.4	24.1	23.9	23.8
82.5°	22.4	22.5	22.4	22.1	21.8	21.6
83°	20.4	20.6	20.4	20.0	19.7	19.5
83.5°	18.5	18.7	18.5	18.1	17.7	17.4
84°	16.6	16.9	16.6	16.2	15.8	15.6
84.5°	14.8	15.1	14.8	14.4	13.9	14.0
85°	13.1	13.5	13.1	12.6	12.3	12.1
85.5°	11.5	11.9	11.5	10.9	10.6	10.4
86°	10.0	10.5	10.0	9.5	9.0	8.8
86.5°	8.7	9.1	8.7	8.1	7.6	7.5
87°	7.5	8.0	7.5	6.8	6.2	6.0
87.5°	6.4	6.9	6.4	5.7	5.1	4.8
88°	5.3	5.9	5.3	4.7	4.1	3.8
88.5°	4.5	5.0	4.5	3.8	3.1	2.9



TEST NUMBER: P938633
CATALOG NUMBER: SMX6RLSFS2W-750LM-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

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

Scaled Data Report



Report Generated By 670245859 / DESKTOP-T8S5UU9

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

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21.5°	265.1	264.2	263.7	264.4	263.9	264.4	263.7	264.2	265.1	264.2	263.7
22°	264.2	263.1	262.9	263.2	262.7	263.2	262.9	263.1	264.2	263.1	262.9



44°	199.4	199.1	199.1	199.2	199.4	199.2	199.1	199.1	199.4	199.1	199.1
44.5°	197.6	197.4	197.2	197.3	197.7	197.3	197.2	197.4	197.6	197.4	197.2



66.5°	100.6	100.5	100.2	100.3	100.5	100.3	100.2	100.5	100.6	100.5	100.2
67°	98.2	97.8	97.7	97.9	97.8	97.9	97.7	97.8	98.2	97.8	97.7



89°	2.2	2.4	3.1	3.7	4.2	3.7	3.1	2.4	2.2	2.4	3.1
89.5°	1.5	1.8	2.3	3.0	3.5	3.0	2.3	1.8	1.5	1.8	2.3

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21.5°	264.4	263.9	264.4	263.7	264.2	265.1
22°	263.2	262.7	263.2	262.9	263.1	264.2



44°	199.2	199.4	199.2	199.1	199.1	199.4
44.5°	197.3	197.7	197.3	197.2	197.4	197.6



66.5°	100.3	100.5	100.3	100.2	100.5	100.6
67°	97.9	97.8	97.9	97.7	97.8	98.2



89°	3.7	4.2	3.7	3.1	2.4	2.2
89.5°	3.0	3.5	3.0	2.3	1.8	1.5

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(END OF REPORT)