

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: P938626

Luminaire Tested: SMX6RLSFSD2W-1200LM-2700K

Issue Date: 1/9/2025

Test Information

Test Method: LM-79-2019
Report Number: P938626
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: SMX6RLSFSD2W-1200LM-2700K
Description: 6IN ROUND, 90CRI, DIMMING TO 10%, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 2700K CCT
Ballast/Driver: -

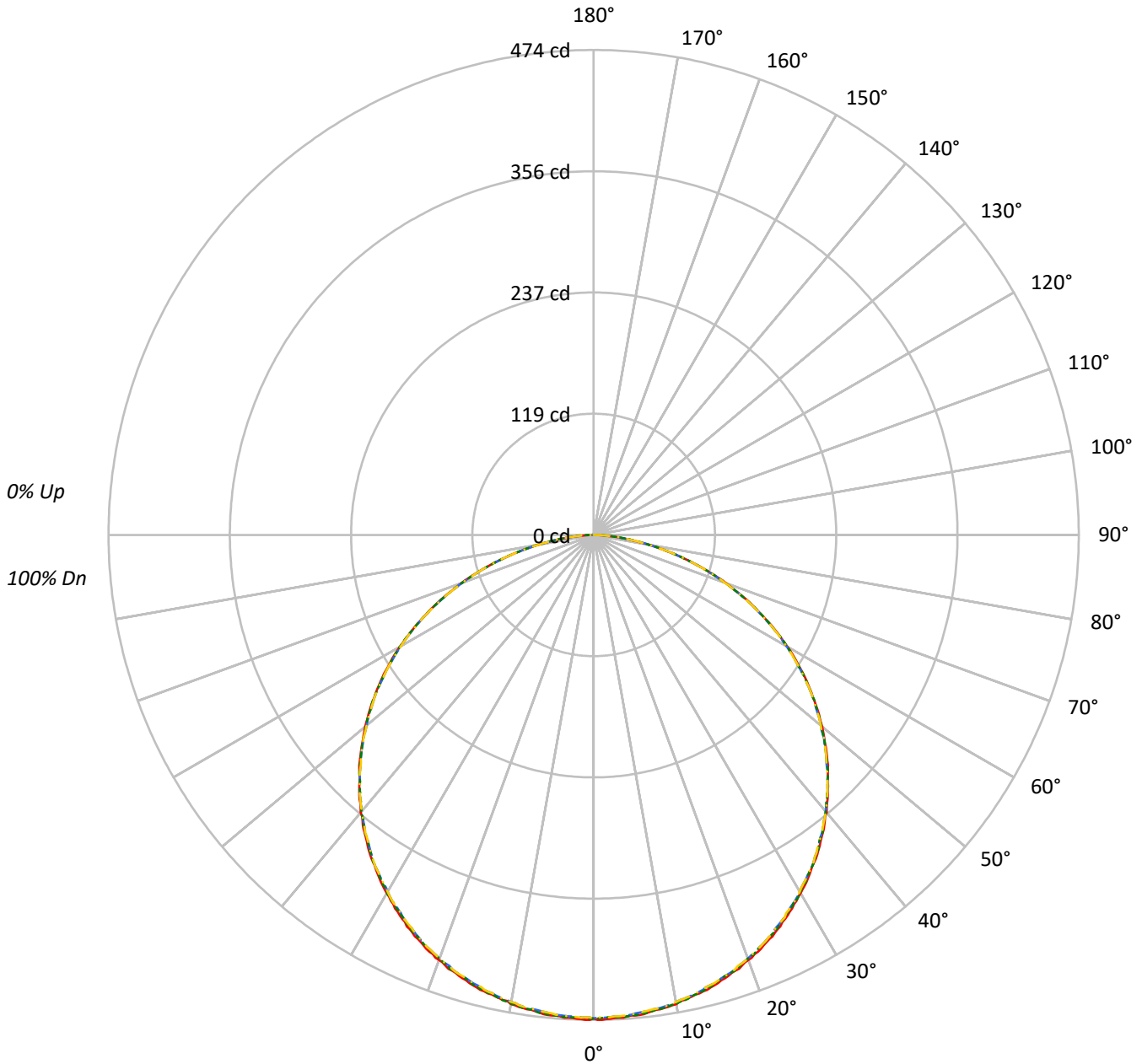
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1385.0 lumens
Efficiency: N/A
Efficacy: 99.6 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): 13.9
Input Voltage (V): NR
Input Current (A_{in}): 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

TEST NUMBER: P938626
CATALOG NUMBER: SMX6RLSFS2W-1200LM-2700K

Luminous Intensity Polar Plot





TEST NUMBER: P938626

CATALOG NUMBER: SMX6RLSFSD2W-1200LM-2700K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20									20									20									20									
RC	80									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°	25913	25913	25913	25913
5°	25946	25924	25946	25924
10°	25924	25896	25924	25896
15°	25863	25834	25863	25834
20°	25791	25710	25791	25710
25°	25725	25671	25725	25671
30°	25599	25561	25599	25561
35°	25504	25404	25504	25404
40°	25347	25247	25347	25247
45°	25096	25088	25096	25088
50°	24852	24775	24852	24775
55°	24487	24420	24487	24420
60°	23989	23956	23989	23956
65°	23141	23141	23141	23141
70°	22023	21927	22023	21927
75°	20101	20122	20101	20122
80°	17174	17332	17174	17332
85°	12643	13964	12643	13964

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°

Vertical Angle: 89.5°

Luminance: 37064 cd/sqm



TEST NUMBER: P938626
 CATALOG NUMBER: SMX6RLSFSD2W-1200LM-2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	44.7	3.2
10°-20°	128.3	9.3
20°-30°	195.5	14.1
30°-40°	237.6	17.2
40°-50°	249.0	18.0
50°-60°	228.1	16.5
60°-70°	176.0	12.7
70°-80°	100.2	7.2
80°-90°	25.6	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°	368.5	26.6
0°-40°	606.0	43.8
0°-60°	1083.2	78.2
0°-90°	1385.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1385.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	473	473	473	473	473	
5°	472	471	472	471	472	45
15°	456	455	456	455	456	129
25°	425	424	425	424	425	196
35°	381	380	381	380	381	238
45°	324	324	324	324	324	250
55°	256	256	256	256	256	229
65°	178	178	178	178	178	176
75°	95	95	95	95	95	100
85°	20	22	20	22	20	25
90°	0	0	0	0	0	



TEST NUMBER: P938626

CATALOG NUMBER: SMX6RLSFSD2W-1200LM-2700K

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	472.7	472.7	472.7	472.7	472.7	472.7	472.7	472.7	472.7	472.7	472.7
0.5°	474.1	472.4	471.5	472.8	472.7	472.8	471.5	472.4	474.1	472.4	471.5
1°	474.0	472.2	471.6	472.3	472.3	472.3	471.6	472.2	474.0	472.2	471.6
1.5°	473.4	472.3	472.1	472.6	472.1	472.6	472.1	472.3	473.4	472.3	472.1
2°	473.3	472.5	471.6	472.5	471.5	472.5	471.6	472.5	473.3	472.5	471.6
2.5°	472.5	471.9	471.1	472.7	472.1	472.7	471.1	471.9	472.5	471.9	471.1
3°	472.5	471.8	471.3	472.2	472.1	472.2	471.3	471.8	472.5	471.8	471.3
3.5°	472.8	471.5	470.9	471.6	471.9	471.6	470.9	471.5	472.8	471.5	470.9
4°	471.6	471.4	470.5	471.2	471.6	471.2	470.5	471.4	471.6	471.4	470.5
4.5°	471.2	470.7	470.3	470.9	471.1	470.9	470.3	470.7	471.2	470.7	470.3
5°	471.5	470.3	469.3	470.6	471.1	470.6	469.3	470.3	471.5	470.3	469.3
5.5°	471.4	469.8	468.9	470.3	470.9	470.3	468.9	469.8	471.4	469.8	468.9
6°	471.1	469.3	468.5	469.7	470.2	469.7	468.5	469.3	471.1	469.3	468.5
6.5°	469.8	469.0	467.9	468.7	470.0	468.7	467.9	469.0	469.8	469.0	467.9
7°	469.1	468.9	467.5	468.4	469.0	468.4	467.5	468.9	469.1	468.9	467.5
7.5°	468.3	468.4	467.2	467.7	467.9	467.7	467.2	468.4	468.3	468.4	467.2
8°	468.2	467.6	466.9	466.9	467.6	466.9	466.9	467.6	468.2	467.6	466.9
8.5°	467.5	466.8	466.2	466.5	467.5	466.5	466.2	466.8	467.5	466.8	466.2
9°	467.0	466.2	465.5	465.6	466.5	465.6	465.5	466.2	467.0	466.2	465.5
9.5°	466.2	465.4	464.0	465.0	465.7	465.0	464.0	465.4	466.2	465.4	464.0
10°	465.7	464.8	463.7	464.7	465.2	464.7	463.7	464.8	465.7	464.8	463.7
10.5°	463.3	463.7	462.5	463.5	464.2	463.5	462.5	463.7	463.3	463.7	462.5
11°	463.1	462.8	461.8	462.9	463.4	462.9	461.8	462.8	463.1	462.8	461.8
11.5°	462.2	462.6	461.1	461.9	462.8	461.9	461.1	462.6	462.2	462.6	461.1
12°	461.4	461.4	460.2	461.3	460.8	461.3	460.2	461.4	461.4	461.4	460.2
12.5°	460.1	460.6	458.6	459.7	460.0	459.7	458.6	460.6	460.1	460.6	458.6
13°	459.9	459.4	458.2	459.1	459.3	459.1	458.2	459.4	459.9	459.4	458.2
13.5°	458.8	458.8	457.2	458.3	458.4	458.3	457.2	458.8	458.8	458.8	457.2
14°	458.4	456.8	455.3	456.8	457.1	456.8	455.3	456.8	458.4	456.8	455.3
14.5°	456.8	456.2	454.6	456.0	456.1	456.0	454.6	456.2	456.8	456.2	454.6
15°	455.7	454.3	453.8	455.3	455.2	455.3	453.8	454.3	455.7	454.3	453.8
15.5°	454.6	453.0	452.5	453.9	453.0	453.9	452.5	453.0	454.6	453.0	452.5
16°	452.7	451.7	451.1	452.4	451.6	452.4	451.1	451.7	452.7	451.7	451.1
16.5°	452.0	450.6	450.1	450.9	450.1	450.9	450.1	450.6	452.0	450.6	450.1
17°	450.7	449.4	449.1	449.3	449.4	449.3	449.1	449.4	450.7	449.4	449.1
17.5°	448.8	448.2	448.0	448.3	448.3	448.3	448.0	448.2	448.8	448.2	448.0
18°	447.9	447.1	446.5	446.9	447.7	446.9	446.5	447.1	447.9	447.1	446.5
18.5°	447.3	445.3	444.3	445.4	446.2	445.4	444.3	445.3	447.3	445.3	444.3
19°	445.1	444.5	443.3	444.2	443.7	444.2	443.3	444.5	445.1	444.5	443.3
19.5°	443.1	442.5	442.0	443.0	442.4	443.0	442.0	442.5	443.1	442.5	442.0
20°	442.1	440.8	440.6	441.0	440.7	441.0	440.6	440.8	442.1	440.8	440.6
20.5°	441.3	439.1	438.9	439.4	439.3	439.4	438.9	439.1	441.3	439.1	438.9
21°	438.8	437.5	437.3	437.9	438.5	437.9	437.3	437.5	438.8	437.5	437.3



TEST NUMBER: P938626

CATALOG NUMBER: SMX6RLSFSD2W-1200LM-2700K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
22.5°	434.1	433.4	432.4	433.7	433.3	433.7	432.4	433.4	434.1	433.4	432.4
23°	432.5	431.0	431.0	431.5	430.9	431.5	431.0	431.0	432.5	431.0	431.0
23.5°	430.7	429.6	428.7	429.6	429.4	429.6	428.7	429.6	430.7	429.6	428.7
24°	429.5	428.0	427.2	427.8	427.6	427.8	427.2	428.0	429.5	428.0	427.2
24.5°	427.2	426.6	424.8	425.7	426.4	425.7	424.8	426.6	427.2	426.6	424.8
25°	425.3	424.1	423.0	423.5	424.4	423.5	423.0	424.1	425.3	424.1	423.0
25.5°	423.9	422.6	421.3	421.9	422.0	421.9	421.3	422.6	423.9	422.6	421.3
26°	420.9	420.3	419.4	419.9	420.0	419.9	419.4	420.3	420.9	420.3	419.4
26.5°	419.3	418.7	418.0	417.9	417.7	417.9	418.0	418.7	419.3	418.7	418.0
27°	417.5	416.1	414.8	415.8	415.9	415.8	414.8	416.1	417.5	416.1	414.8
27.5°	415.0	413.5	413.1	414.4	413.8	414.4	413.1	413.5	415.0	413.5	413.1
28°	413.4	412.3	411.1	412.6	412.1	412.6	411.1	412.3	413.4	412.3	411.1
28.5°	410.5	410.4	409.5	409.7	409.4	409.7	409.5	410.4	410.5	410.4	409.5
29°	408.8	408.5	407.4	408.0	408.2	408.0	407.4	408.5	408.8	408.5	407.4
29.5°	406.1	406.0	405.2	406.2	406.4	406.2	405.2	406.0	406.1	406.0	405.2
30°	404.4	404.3	402.5	404.0	403.8	404.0	402.5	404.3	404.4	404.3	402.5
30.5°	402.2	401.6	400.0	401.9	401.0	401.9	400.0	401.6	402.2	401.6	400.0
31°	400.0	399.3	397.9	399.1	399.2	399.1	397.9	399.3	400.0	399.3	397.9
31.5°	397.9	396.8	395.8	397.0	397.1	397.0	395.8	396.8	397.9	396.8	395.8
32°	395.4	394.5	393.7	394.3	394.2	394.3	393.7	394.5	395.4	394.5	393.7
32.5°	392.9	392.5	391.4	391.9	391.7	391.9	391.4	392.5	392.9	392.5	391.4
33°	390.3	390.1	389.4	389.6	389.3	389.6	389.4	390.1	390.3	390.1	389.4
33.5°	387.5	387.5	387.4	387.0	387.6	387.0	387.4	387.5	387.5	387.5	387.4
34°	385.6	384.7	384.6	384.7	385.4	384.7	384.6	384.7	385.6	384.7	384.6
34.5°	383.6	382.2	381.8	382.6	382.4	382.6	381.8	382.2	383.6	382.2	381.8
35°	381.1	379.4	379.4	379.9	379.6	379.9	379.4	379.4	381.1	379.4	379.4
35.5°	378.3	376.9	376.5	376.9	377.9	376.9	376.5	376.9	378.3	376.9	376.5
36°	375.7	374.8	374.0	374.1	374.2	374.1	374.0	374.8	375.7	374.8	374.0
36.5°	372.7	371.7	371.2	372.0	371.2	372.0	371.2	371.7	372.7	371.7	371.2
37°	369.9	369.1	368.6	369.2	369.0	369.2	368.6	369.1	369.9	369.1	368.6
37.5°	367.5	366.7	366.6	366.1	367.2	366.1	366.6	366.7	367.5	366.7	366.6
38°	365.3	363.7	363.6	363.4	364.1	363.4	363.6	363.7	365.3	363.7	363.6
38.5°	362.2	361.7	360.8	361.3	361.3	361.3	360.8	361.7	362.2	361.7	360.8
39°	359.0	358.6	358.1	358.3	357.7	358.3	358.1	358.6	359.0	358.6	358.1
39.5°	355.7	355.9	355.5	355.5	355.9	355.5	355.5	355.9	355.7	355.9	355.5
40°	354.2	352.9	352.6	352.7	352.8	352.7	352.6	352.9	354.2	352.9	352.6
40.5°	350.6	349.9	349.9	349.5	349.9	349.5	349.9	349.9	350.6	349.9	349.9
41°	347.6	347.1	347.0	346.8	346.3	346.8	347.0	347.1	347.6	347.1	347.0
41.5°	345.1	344.2	344.1	343.8	344.3	343.8	344.1	344.2	345.1	344.2	344.1
42°	342.1	341.4	341.3	340.8	340.8	340.8	341.3	341.4	342.1	341.4	341.3
42.5°	338.8	338.2	338.3	338.1	338.2	338.1	338.3	338.2	338.8	338.2	338.3
43°	335.7	334.8	335.0	335.1	335.0	335.1	335.0	334.8	335.7	334.8	335.0
43.5°	332.3	331.5	331.9	332.2	331.7	332.2	331.9	331.5	332.3	331.5	331.9



TEST NUMBER: P938626

CATALOG NUMBER: SMX6RLSFSD2W-1200LM-2700K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	323.7	323.1	322.3	322.7	323.6	322.7	322.3	323.1	323.7	323.1	322.3
45.5°	321.1	319.8	319.0	319.8	320.0	319.8	319.0	319.8	321.1	319.8	319.0
46°	317.5	316.8	316.0	316.6	316.8	316.6	316.0	316.8	317.5	316.8	316.0
46.5°	314.2	313.7	313.3	313.7	313.4	313.7	313.3	313.7	314.2	313.7	313.3
47°	310.9	310.2	310.1	310.2	309.8	310.2	310.1	310.2	310.9	310.2	310.1
47.5°	307.7	307.0	306.6	306.6	306.9	306.6	306.6	307.0	307.7	307.0	306.6
48°	304.1	304.0	303.2	304.0	304.1	304.0	303.2	304.0	304.1	304.0	303.2
48.5°	301.0	300.8	300.4	300.6	300.6	300.6	300.4	300.8	301.0	300.8	300.4
49°	298.0	297.3	296.4	297.3	296.9	297.3	296.4	297.3	298.0	297.3	296.4
49.5°	294.7	294.0	292.7	294.1	293.4	294.1	292.7	294.0	294.7	294.0	292.7
50°	291.4	290.6	289.6	290.6	290.5	290.6	289.6	290.6	291.4	290.6	289.6
50.5°	287.8	287.3	286.6	287.0	287.2	287.0	286.6	287.3	287.8	287.3	286.6
51°	284.2	283.7	283.1	283.5	284.1	283.5	283.1	283.7	284.2	283.7	283.1
51.5°	281.2	280.1	279.5	280.0	280.3	280.0	279.5	280.1	281.2	280.1	279.5
52°	277.5	276.5	276.0	276.5	276.7	276.5	276.0	276.5	277.5	276.5	276.0
52.5°	273.9	273.2	272.8	273.3	273.9	273.3	272.8	273.2	273.9	273.2	272.8
53°	270.2	269.6	269.3	269.8	270.6	269.8	269.3	269.6	270.2	269.6	269.3
53.5°	266.4	266.0	266.1	266.3	266.7	266.3	266.1	266.0	266.4	266.0	266.1
54°	263.2	262.4	262.6	262.6	262.9	262.6	262.6	262.4	263.2	262.4	262.6
54.5°	259.8	259.0	258.9	259.0	259.2	259.0	258.9	259.0	259.8	259.0	258.9
55°	256.2	255.5	255.1	255.2	255.5	255.2	255.1	255.5	256.2	255.5	255.1
55.5°	252.6	251.6	251.4	251.3	252.0	251.3	251.4	251.6	252.6	251.6	251.4
56°	248.8	248.1	247.7	247.8	248.4	247.8	247.7	248.1	248.8	248.1	247.7
56.5°	245.4	244.4	244.0	244.1	244.9	244.1	244.0	244.4	245.4	244.4	244.0
57°	241.3	240.5	240.3	240.6	240.6	240.6	240.3	240.5	241.3	240.5	240.3
57.5°	237.6	236.6	236.4	237.0	236.9	237.0	236.4	236.6	237.6	236.6	236.4
58°	234.0	233.2	232.8	233.5	233.4	233.5	232.8	233.2	234.0	233.2	232.8
58.5°	230.4	229.4	229.1	229.8	229.8	229.8	229.1	229.4	230.4	229.4	229.1
59°	226.6	225.7	225.3	225.9	225.8	225.9	225.3	225.7	226.6	225.7	225.3
59.5°	222.6	221.7	221.5	221.8	222.2	221.8	221.5	221.7	222.6	221.7	221.5
60°	218.8	218.0	217.5	217.9	218.5	217.9	217.5	218.0	218.8	218.0	217.5
60.5°	214.4	214.2	213.6	213.9	214.8	213.9	213.6	214.2	214.4	214.2	213.6
61°	210.5	210.3	209.8	209.8	210.9	209.8	209.8	210.3	210.5	210.3	209.8
61.5°	206.7	206.2	205.9	206.0	206.8	206.0	205.9	206.2	206.7	206.2	205.9
62°	202.9	202.5	201.9	202.0	202.7	202.0	201.9	202.5	202.9	202.5	201.9
62.5°	198.8	198.3	197.9	198.1	198.3	198.1	197.9	198.3	198.8	198.3	197.9
63°	194.9	194.4	193.9	194.5	194.3	194.5	193.9	194.4	194.9	194.4	193.9
63.5°	190.8	190.2	189.8	190.4	190.4	190.4	189.8	190.2	190.8	190.2	189.8
64°	186.2	186.4	186.0	186.5	186.5	186.5	186.0	186.4	186.2	186.4	186.0
64.5°	182.1	182.1	181.8	182.3	182.4	182.3	181.8	182.1	182.1	182.1	181.8
65°	178.4	177.9	178.0	178.3	178.4	178.3	178.0	177.9	178.4	177.9	178.0
65.5°	174.5	173.9	173.8	174.1	174.3	174.1	173.8	173.9	174.5	173.9	173.8
66°	170.5	170.1	169.6	169.9	170.1	169.9	169.6	170.1	170.5	170.1	169.6



TEST NUMBER: P938626

CATALOG NUMBER: SMX6RLSFSD2W-1200LM-2700K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	157.9	157.3	157.2	157.7	157.4	157.7	157.2	157.3	157.9	157.3	157.2
68°	153.8	153.4	153.2	153.5	153.4	153.5	153.2	153.4	153.8	153.4	153.2
68.5°	149.6	149.3	149.0	149.3	149.1	149.3	149.0	149.3	149.6	149.3	149.0
69°	145.1	145.1	144.8	144.8	145.1	144.8	144.8	145.1	145.1	145.1	144.8
69.5°	141.3	140.9	140.6	140.9	140.9	140.9	140.6	140.9	141.3	140.9	140.6
70°	137.4	136.9	136.4	136.6	136.8	136.6	136.4	136.9	137.4	136.9	136.4
70.5°	133.3	132.5	132.2	132.7	132.7	132.7	132.2	132.5	133.3	132.5	132.2
71°	128.9	128.3	127.9	128.3	128.3	128.3	127.9	128.3	128.9	128.3	127.9
71.5°	124.4	124.1	123.9	124.3	124.2	124.3	123.9	124.1	124.4	124.1	123.9
72°	120.3	119.7	119.8	120.2	119.9	120.2	119.8	119.7	120.3	119.7	119.8
72.5°	115.9	115.5	115.5	115.9	115.9	115.9	115.5	115.5	115.9	115.5	115.5
73°	111.5	111.2	111.2	111.8	111.7	111.8	111.2	111.2	111.5	111.2	111.2
73.5°	107.1	107.3	107.0	107.5	107.3	107.5	107.0	107.3	107.1	107.3	107.0
74°	102.9	103.0	102.8	103.2	103.3	103.2	102.8	103.0	102.9	103.0	102.8
74.5°	99.1	98.7	98.7	99.1	99.1	99.1	98.7	98.7	99.1	98.7	98.7
75°	94.9	94.5	94.4	94.7	95.0	94.7	94.4	94.5	94.9	94.5	94.4
75.5°	90.5	90.4	90.2	90.7	90.6	90.7	90.2	90.4	90.5	90.4	90.2
76°	86.3	86.3	86.3	86.5	86.8	86.5	86.3	86.3	86.3	86.3	86.3
76.5°	82.1	82.1	82.1	82.5	82.6	82.5	82.1	82.1	82.1	82.1	82.1
77°	78.0	77.9	78.0	78.4	78.5	78.4	78.0	77.9	78.0	77.9	78.0
77.5°	74.0	73.8	73.9	74.5	74.5	74.5	73.9	73.8	74.0	73.8	73.9
78°	70.1	69.9	70.1	70.6	70.9	70.6	70.1	69.9	70.1	69.9	70.1
78.5°	66.1	65.9	66.1	66.4	66.7	66.4	66.1	65.9	66.1	65.9	66.1
79°	62.1	61.9	62.2	62.6	62.7	62.6	62.2	61.9	62.1	61.9	62.2
79.5°	58.2	58.1	58.4	58.7	58.8	58.7	58.4	58.1	58.2	58.1	58.4
80°	54.4	54.3	54.5	54.8	54.9	54.8	54.5	54.3	54.4	54.3	54.5
80.5°	50.5	50.5	50.7	51.0	51.0	51.0	50.7	50.5	50.5	50.5	50.7
81°	46.9	46.9	47.0	47.3	47.3	47.3	47.0	46.9	46.9	46.9	47.0
81.5°	43.2	43.1	43.3	43.8	44.0	43.8	43.3	43.1	43.2	43.1	43.3
82°	39.3	39.5	39.8	40.3	40.5	40.3	39.8	39.5	39.3	39.5	39.8
82.5°	35.7	35.9	36.4	37.0	37.1	37.0	36.4	35.9	35.7	35.9	36.4
83°	32.3	32.6	33.1	33.7	34.0	33.7	33.1	32.6	32.3	32.6	33.1
83.5°	28.8	29.2	29.9	30.6	31.0	30.6	29.9	29.2	28.8	29.2	29.9
84°	25.7	26.1	26.8	27.5	27.9	27.5	26.8	26.1	25.7	26.1	26.8
84.5°	23.1	22.9	23.7	24.5	25.0	24.5	23.7	22.9	23.1	22.9	23.7
85°	20.1	20.2	20.8	21.6	22.2	21.6	20.8	20.2	20.1	20.2	20.8
85.5°	17.2	17.5	18.1	19.0	19.7	19.0	18.1	17.5	17.2	17.5	18.1
86°	14.6	14.9	15.7	16.6	17.4	16.6	15.7	14.9	14.6	14.9	15.7
86.5°	12.3	12.5	13.4	14.3	15.1	14.3	13.4	12.5	12.3	12.5	13.4
87°	9.9	10.3	11.3	12.4	13.2	12.4	11.3	10.3	9.9	10.3	11.3
87.5°	7.9	8.4	9.4	10.5	11.4	10.5	9.4	8.4	7.9	8.4	9.4
88°	6.4	6.7	7.7	8.8	9.8	8.8	7.7	6.7	6.4	6.7	7.7
88.5°	4.8	5.2	6.3	7.4	8.3	7.4	6.3	5.2	4.8	5.2	6.3



TEST NUMBER: P938626
CATALOG NUMBER: SMX6RLSFS2W-1200LM-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



TEST NUMBER: P938626

CATALOG NUMBER: SMX6RLSFSD2W-1200LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	472.7	472.7	472.7	472.7	472.7	472.7
0.5°	472.8	472.7	472.8	471.5	472.4	474.1
1°	472.3	472.3	472.3	471.6	472.2	474.0
1.5°	472.6	472.1	472.6	472.1	472.3	473.4
2°	472.5	471.5	472.5	471.6	472.5	473.3
2.5°	472.7	472.1	472.7	471.1	471.9	472.5
3°	472.2	472.1	472.2	471.3	471.8	472.5
3.5°	471.6	471.9	471.6	470.9	471.5	472.8
4°	471.2	471.6	471.2	470.5	471.4	471.6
4.5°	470.9	471.1	470.9	470.3	470.7	471.2
5°	470.6	471.1	470.6	469.3	470.3	471.5
5.5°	470.3	470.9	470.3	468.9	469.8	471.4
6°	469.7	470.2	469.7	468.5	469.3	471.1
6.5°	468.7	470.0	468.7	467.9	469.0	469.8
7°	468.4	469.0	468.4	467.5	468.9	469.1
7.5°	467.7	467.9	467.7	467.2	468.4	468.3
8°	466.9	467.6	466.9	466.9	467.6	468.2
8.5°	466.5	467.5	466.5	466.2	466.8	467.5
9°	465.6	466.5	465.6	465.5	466.2	467.0
9.5°	465.0	465.7	465.0	464.0	465.4	466.2
10°	464.7	465.2	464.7	463.7	464.8	465.7
10.5°	463.5	464.2	463.5	462.5	463.7	463.3
11°	462.9	463.4	462.9	461.8	462.8	463.1
11.5°	461.9	462.8	461.9	461.1	462.6	462.2
12°	461.3	460.8	461.3	460.2	461.4	461.4
12.5°	459.7	460.0	459.7	458.6	460.6	460.1
13°	459.1	459.3	459.1	458.2	459.4	459.9
13.5°	458.3	458.4	458.3	457.2	458.8	458.8
14°	456.8	457.1	456.8	455.3	456.8	458.4
14.5°	456.0	456.1	456.0	454.6	456.2	456.8
15°	455.3	455.2	455.3	453.8	454.3	455.7
15.5°	453.9	453.0	453.9	452.5	453.0	454.6
16°	452.4	451.6	452.4	451.1	451.7	452.7
16.5°	450.9	450.1	450.9	450.1	450.6	452.0
17°	449.3	449.4	449.3	449.1	449.4	450.7
17.5°	448.3	448.3	448.3	448.0	448.2	448.8
18°	446.9	447.7	446.9	446.5	447.1	447.9
18.5°	445.4	446.2	445.4	444.3	445.3	447.3
19°	444.2	443.7	444.2	443.3	444.5	445.1
19.5°	443.0	442.4	443.0	442.0	442.5	443.1
20°	441.0	440.7	441.0	440.6	440.8	442.1
20.5°	439.4	439.3	439.4	438.9	439.1	441.3
21°	437.9	438.5	437.9	437.3	437.5	438.8



TEST NUMBER: P938626

CATALOG NUMBER: SMX6RLSFSD2W-1200LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	433.7	433.3	433.7	432.4	433.4	434.1
23°	431.5	430.9	431.5	431.0	431.0	432.5
23.5°	429.6	429.4	429.6	428.7	429.6	430.7
24°	427.8	427.6	427.8	427.2	428.0	429.5
24.5°	425.7	426.4	425.7	424.8	426.6	427.2
25°	423.5	424.4	423.5	423.0	424.1	425.3
25.5°	421.9	422.0	421.9	421.3	422.6	423.9
26°	419.9	420.0	419.9	419.4	420.3	420.9
26.5°	417.9	417.7	417.9	418.0	418.7	419.3
27°	415.8	415.9	415.8	414.8	416.1	417.5
27.5°	414.4	413.8	414.4	413.1	413.5	415.0
28°	412.6	412.1	412.6	411.1	412.3	413.4
28.5°	409.7	409.4	409.7	409.5	410.4	410.5
29°	408.0	408.2	408.0	407.4	408.5	408.8
29.5°	406.2	406.4	406.2	405.2	406.0	406.1
30°	404.0	403.8	404.0	402.5	404.3	404.4
30.5°	401.9	401.0	401.9	400.0	401.6	402.2
31°	399.1	399.2	399.1	397.9	399.3	400.0
31.5°	397.0	397.1	397.0	395.8	396.8	397.9
32°	394.3	394.2	394.3	393.7	394.5	395.4
32.5°	391.9	391.7	391.9	391.4	392.5	392.9
33°	389.6	389.3	389.6	389.4	390.1	390.3
33.5°	387.0	387.6	387.0	387.4	387.5	387.5
34°	384.7	385.4	384.7	384.6	384.7	385.6
34.5°	382.6	382.4	382.6	381.8	382.2	383.6
35°	379.9	379.6	379.9	379.4	379.4	381.1
35.5°	376.9	377.9	376.9	376.5	376.9	378.3
36°	374.1	374.2	374.1	374.0	374.8	375.7
36.5°	372.0	371.2	372.0	371.2	371.7	372.7
37°	369.2	369.0	369.2	368.6	369.1	369.9
37.5°	366.1	367.2	366.1	366.6	366.7	367.5
38°	363.4	364.1	363.4	363.6	363.7	365.3
38.5°	361.3	361.3	361.3	360.8	361.7	362.2
39°	358.3	357.7	358.3	358.1	358.6	359.0
39.5°	355.5	355.9	355.5	355.5	355.9	355.7
40°	352.7	352.8	352.7	352.6	352.9	354.2
40.5°	349.5	349.9	349.5	349.9	349.9	350.6
41°	346.8	346.3	346.8	347.0	347.1	347.6
41.5°	343.8	344.3	343.8	344.1	344.2	345.1
42°	340.8	340.8	340.8	341.3	341.4	342.1
42.5°	338.1	338.2	338.1	338.3	338.2	338.8
43°	335.1	335.0	335.1	335.0	334.8	335.7
43.5°	332.2	331.7	332.2	331.9	331.5	332.3



TEST NUMBER: P938626

CATALOG NUMBER: SMX6RLSFSD2W-1200LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	322.7	323.6	322.7	322.3	323.1	323.7
45.5°	319.8	320.0	319.8	319.0	319.8	321.1
46°	316.6	316.8	316.6	316.0	316.8	317.5
46.5°	313.7	313.4	313.7	313.3	313.7	314.2
47°	310.2	309.8	310.2	310.1	310.2	310.9
47.5°	306.6	306.9	306.6	306.6	307.0	307.7
48°	304.0	304.1	304.0	303.2	304.0	304.1
48.5°	300.6	300.6	300.6	300.4	300.8	301.0
49°	297.3	296.9	297.3	296.4	297.3	298.0
49.5°	294.1	293.4	294.1	292.7	294.0	294.7
50°	290.6	290.5	290.6	289.6	290.6	291.4
50.5°	287.0	287.2	287.0	286.6	287.3	287.8
51°	283.5	284.1	283.5	283.1	283.7	284.2
51.5°	280.0	280.3	280.0	279.5	280.1	281.2
52°	276.5	276.7	276.5	276.0	276.5	277.5
52.5°	273.3	273.9	273.3	272.8	273.2	273.9
53°	269.8	270.6	269.8	269.3	269.6	270.2
53.5°	266.3	266.7	266.3	266.1	266.0	266.4
54°	262.6	262.9	262.6	262.6	262.4	263.2
54.5°	259.0	259.2	259.0	258.9	259.0	259.8
55°	255.2	255.5	255.2	255.1	255.5	256.2
55.5°	251.3	252.0	251.3	251.4	251.6	252.6
56°	247.8	248.4	247.8	247.7	248.1	248.8
56.5°	244.1	244.9	244.1	244.0	244.4	245.4
57°	240.6	240.6	240.6	240.3	240.5	241.3
57.5°	237.0	236.9	237.0	236.4	236.6	237.6
58°	233.5	233.4	233.5	232.8	233.2	234.0
58.5°	229.8	229.8	229.8	229.1	229.4	230.4
59°	225.9	225.8	225.9	225.3	225.7	226.6
59.5°	221.8	222.2	221.8	221.5	221.7	222.6
60°	217.9	218.5	217.9	217.5	218.0	218.8
60.5°	213.9	214.8	213.9	213.6	214.2	214.4
61°	209.8	210.9	209.8	209.8	210.3	210.5
61.5°	206.0	206.8	206.0	205.9	206.2	206.7
62°	202.0	202.7	202.0	201.9	202.5	202.9
62.5°	198.1	198.3	198.1	197.9	198.3	198.8
63°	194.5	194.3	194.5	193.9	194.4	194.9
63.5°	190.4	190.4	190.4	189.8	190.2	190.8
64°	186.5	186.5	186.5	186.0	186.4	186.2
64.5°	182.3	182.4	182.3	181.8	182.1	182.1
65°	178.3	178.4	178.3	178.0	177.9	178.4
65.5°	174.1	174.3	174.1	173.8	173.9	174.5
66°	169.9	170.1	169.9	169.6	170.1	170.5



TEST NUMBER: P938626
 CATALOG NUMBER: SMX6RLSFSD2W-1200LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	157.7	157.4	157.7	157.2	157.3	157.9
68°	153.5	153.4	153.5	153.2	153.4	153.8
68.5°	149.3	149.1	149.3	149.0	149.3	149.6
69°	144.8	145.1	144.8	144.8	145.1	145.1
69.5°	140.9	140.9	140.9	140.6	140.9	141.3
70°	136.6	136.8	136.6	136.4	136.9	137.4
70.5°	132.7	132.7	132.7	132.2	132.5	133.3
71°	128.3	128.3	128.3	127.9	128.3	128.9
71.5°	124.3	124.2	124.3	123.9	124.1	124.4
72°	120.2	119.9	120.2	119.8	119.7	120.3
72.5°	115.9	115.9	115.9	115.5	115.5	115.9
73°	111.8	111.7	111.8	111.2	111.2	111.5
73.5°	107.5	107.3	107.5	107.0	107.3	107.1
74°	103.2	103.3	103.2	102.8	103.0	102.9
74.5°	99.1	99.1	99.1	98.7	98.7	99.1
75°	94.7	95.0	94.7	94.4	94.5	94.9
75.5°	90.7	90.6	90.7	90.2	90.4	90.5
76°	86.5	86.8	86.5	86.3	86.3	86.3
76.5°	82.5	82.6	82.5	82.1	82.1	82.1
77°	78.4	78.5	78.4	78.0	77.9	78.0
77.5°	74.5	74.5	74.5	73.9	73.8	74.0
78°	70.6	70.9	70.6	70.1	69.9	70.1
78.5°	66.4	66.7	66.4	66.1	65.9	66.1
79°	62.6	62.7	62.6	62.2	61.9	62.1
79.5°	58.7	58.8	58.7	58.4	58.1	58.2
80°	54.8	54.9	54.8	54.5	54.3	54.4
80.5°	51.0	51.0	51.0	50.7	50.5	50.5
81°	47.3	47.3	47.3	47.0	46.9	46.9
81.5°	43.8	44.0	43.8	43.3	43.1	43.2
82°	40.3	40.5	40.3	39.8	39.5	39.3
82.5°	37.0	37.1	37.0	36.4	35.9	35.7
83°	33.7	34.0	33.7	33.1	32.6	32.3
83.5°	30.6	31.0	30.6	29.9	29.2	28.8
84°	27.5	27.9	27.5	26.8	26.1	25.7
84.5°	24.5	25.0	24.5	23.7	22.9	23.1
85°	21.6	22.2	21.6	20.8	20.2	20.1
85.5°	19.0	19.7	19.0	18.1	17.5	17.2
86°	16.6	17.4	16.6	15.7	14.9	14.6
86.5°	14.3	15.1	14.3	13.4	12.5	12.3
87°	12.4	13.2	12.4	11.3	10.3	9.9
87.5°	10.5	11.4	10.5	9.4	8.4	7.9
88°	8.8	9.8	8.8	7.7	6.7	6.4
88.5°	7.4	8.3	7.4	6.3	5.2	4.8



TEST NUMBER: P938626
CATALOG NUMBER: SMX6RLSFSD2W-1200LM-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

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

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

Scaled Data Report





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

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

Scaled Data Report



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

Scaled Data Report





21.5°	437.9	436.4	435.7	436.7	436.0	436.7	435.7	436.4	437.9	436.4	435.7
22°	436.4	434.7	434.4	434.9	434.0	434.9	434.4	434.7	436.4	434.7	434.4



44°	329.3	328.9	328.9	329.0	329.3	329.0	328.9	328.9	329.3	328.9	328.9
44.5°	326.4	326.1	325.8	326.0	326.7	326.0	325.8	326.1	326.4	326.1	325.8



66.5°	166.3	166.0	165.5	165.8	166.0	165.8	165.5	166.0	166.3	166.0	165.5
67°	162.2	161.6	161.4	161.7	161.6	161.7	161.4	161.6	162.2	161.6	161.4



89°	3.6	4.0	5.1	6.2	6.9	6.2	5.1	4.0	3.6	4.0	5.1
89.5°	2.5	3.0	3.9	5.0	5.9	5.0	3.9	3.0	2.5	3.0	3.9

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

Scaled Data Report





21.5°	436.7	436.0	436.7	435.7	436.4	437.9
22°	434.9	434.0	434.9	434.4	434.7	436.4



44°	329.0	329.3	329.0	328.9	328.9	329.3
44.5°	326.0	326.7	326.0	325.8	326.1	326.4



66.5°	165.8	166.0	165.8	165.5	166.0	166.3
67°	161.7	161.6	161.7	161.4	161.6	162.2

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

Scaled Data Report



89°	6.2	6.9	6.2	5.1	4.0	3.6
89.5°	5.0	5.9	5.0	3.9	3.0	2.5

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

Scaled Data Report



(END OF REPORT)