

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: P997185

Luminaire Tested: **SMX6RLSFS010-1200LM-5000K**

Issue Date: 3/11/2025

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

**Test Information**

Test Method: LM-41-14
Report Number: P997185
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (A2410866A001)
Test Lab:
Issue Date: 3/11/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: HALO
Catalog Number: SMX6RLSFS010-1200LM-5000K
Description: 6IN ROUND, 90CRI, 0-10V DIMMING, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 5000K CCT
Ballast/Driver: -

Summary

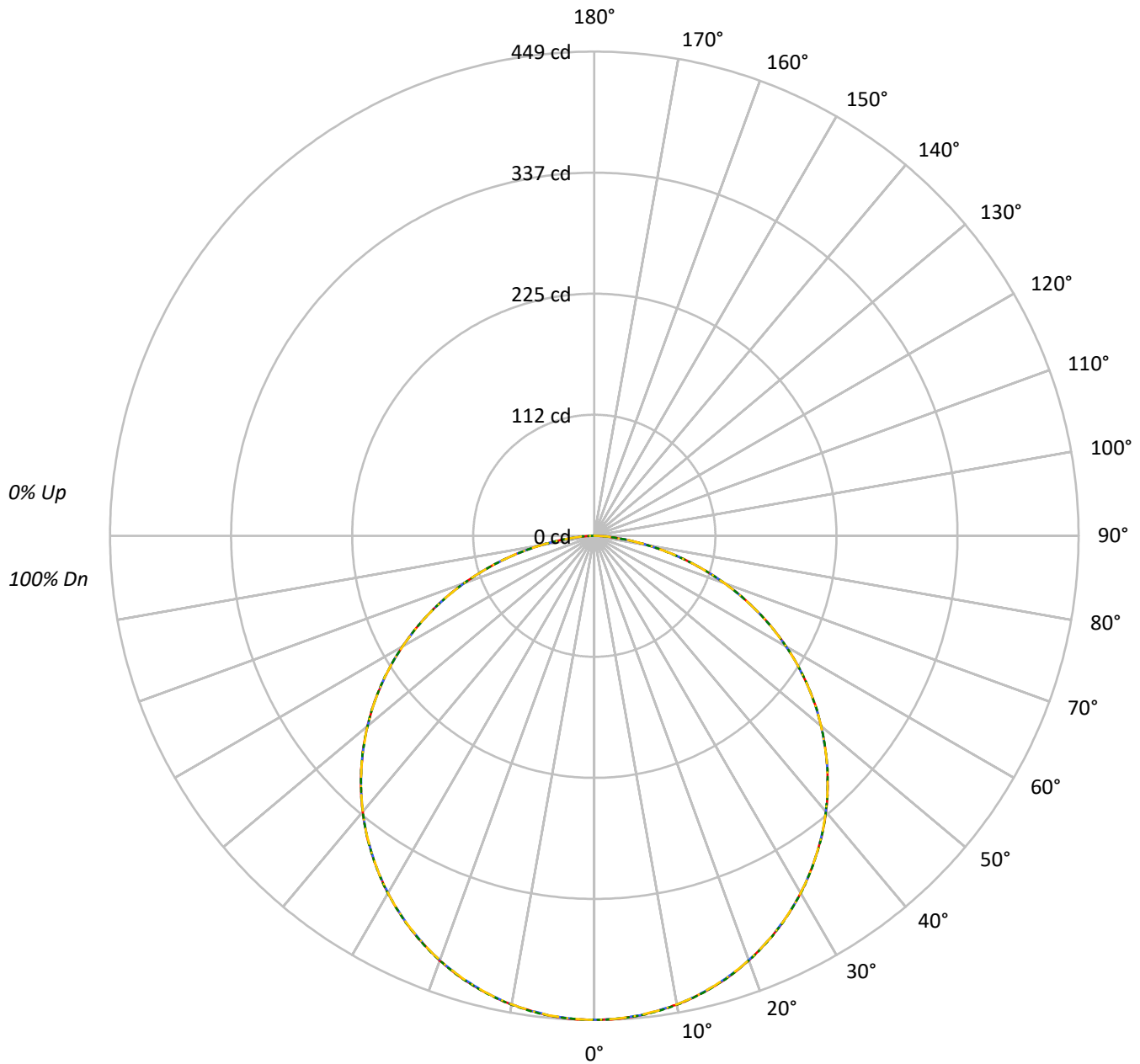
Lumens per Lamp: N/A
Luminaire Lumens: 1307.0 lumens
Efficiency: N/A
Efficacy: 106.3 lumens/watt
Spacing Criteria (0/90/45): 1.27 / 1.27 / 1.39
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 12.3
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	109	104	100	96	106	102	98	94	97	94	91	93	91	88	90	88	86	84		
2	99	90	83	78	96	88	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	61	69	64	60	58		
4	82	70	61	54	80	69	60	54	66	59	53	64	58	52	62	56	52	50		
5	75	62	53	47	73	61	53	46	59	52	46	57	51	45	55	50	45	43		
6	70	56	47	41	68	55	47	40	53	46	40	52	45	40	50	44	39	37		
7	65	51	42	36	63	50	42	36	49	41	35	47	40	35	46	40	35	33		
8	60	46	38	32	58	46	37	32	44	37	32	43	36	31	42	36	31	29		
9	56	43	34	29	55	42	34	29	41	34	28	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°	24598	24598	24598	24598
5°	24609	24609	24609	24609
10°	24582	24576	24582	24576
15°	24523	24523	24523	24523
20°	24455	24450	24455	24450
25°	24346	24346	24346	24346
30°	24225	24232	24225	24232
35°	24072	24079	24072	24079
40°	23909	23902	23909	23902
45°	23700	23700	23700	23700
50°	23428	23411	23428	23411
55°	23034	23063	23034	23063
60°	22520	22520	22520	22520
65°	21766	21766	21766	21766
70°	20564	20564	20564	20564
75°	18724	18787	18724	18787
80°	15880	15848	15880	15848
85°	11322	11322	11322	11322



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.5	3.3
10°-20°	121.9	9.3
20°-30°	185.4	14.2
30°-40°	225.0	17.2
40°-50°	235.5	18.0
50°-60°	215.3	16.5
60°-70°	165.5	12.7
70°-80°	93.5	7.2
80°-90°	22.4	1.7
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°	349.8	26.8
0°-40°	574.8	44.0
0°-60°	1025.6	78.5
0°-90°	1307.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1307.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	449	449	449	449	449	
5°	447	447	447	447	447	42
15°	432	432	432	432	432	122
25°	402	402	402	402	402	186
35°	360	360	360	360	360	225
45°	306	306	306	306	306	236
55°	241	241	241	241	241	215
65°	168	168	168	168	168	166
75°	88	89	88	89	88	94
85°	18	18	18	18	18	22
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°	448.7	448.7	448.7	448.7	448.7	448.7	448.7	448.7	448.7	448.7	448.7
0.5°	448.9	448.5	449.0	448.8	448.9	448.8	449.0	448.5	448.9	448.5	449.0
1°	448.7	448.4	448.8	448.9	448.8	448.9	448.8	448.4	448.7	448.4	448.8
1.5°	448.7	448.4	448.6	448.8	448.9	448.8	448.6	448.4	448.7	448.4	448.6
2°	449.0	448.4	448.6	448.5	448.6	448.5	448.6	448.4	449.0	448.4	448.6
2.5°	448.7	448.0	448.3	448.4	448.5	448.4	448.3	448.0	448.7	448.0	448.3
3°	448.5	448.0	448.1	448.2	448.2	448.2	448.1	448.0	448.5	448.0	448.1
3.5°	448.0	447.7	447.8	448.0	448.1	448.0	447.8	447.7	448.0	447.7	447.8
4°	447.6	447.4	447.6	447.8	447.9	447.8	447.6	447.4	447.6	447.4	447.6
4.5°	447.6	447.1	447.2	447.4	447.4	447.4	447.2	447.1	447.6	447.1	447.2
5°	447.2	446.7	446.9	447.1	447.2	447.1	446.9	446.7	447.2	446.7	446.9
5.5°	446.8	446.4	446.7	446.6	446.8	446.6	446.7	446.4	446.8	446.4	446.7
6°	446.3	445.8	446.0	446.1	446.4	446.1	446.0	445.8	446.3	445.8	446.0
6.5°	445.6	445.5	445.4	445.8	446.0	445.8	445.4	445.5	445.6	445.5	445.4
7°	445.0	445.0	444.9	445.1	445.4	445.1	444.9	445.0	445.0	445.0	444.9
7.5°	444.5	444.5	444.4	444.5	445.1	444.5	444.4	444.5	444.5	444.5	444.4
8°	443.9	443.9	443.8	444.0	444.2	444.0	443.8	443.9	443.9	443.9	443.8
8.5°	443.3	443.3	443.2	443.4	443.6	443.4	443.2	443.3	443.3	443.3	443.2
9°	442.9	442.7	442.6	442.7	443.0	442.7	442.6	442.7	442.9	442.7	442.6
9.5°	441.8	441.8	441.9	442.1	442.4	442.1	441.9	441.8	441.8	441.8	441.9
10°	441.6	441.1	441.1	441.3	441.5	441.3	441.1	441.1	441.6	441.1	441.1
10.5°	440.5	440.5	440.3	440.4	441.0	440.4	440.3	440.5	440.5	440.5	440.3
11°	440.1	439.5	439.5	439.7	439.8	439.7	439.5	439.5	440.1	439.5	439.5
11.5°	439.0	438.7	438.8	438.7	439.1	438.7	438.8	438.7	439.0	438.7	438.8
12°	438.3	437.8	437.8	437.9	438.2	437.9	437.8	437.8	438.3	437.8	437.8
12.5°	437.0	436.7	437.0	436.8	437.3	436.8	437.0	436.7	437.0	436.7	437.0
13°	436.2	435.9	436.0	436.0	436.4	436.0	436.0	435.9	436.2	435.9	436.0
13.5°	435.2	434.8	434.9	435.1	435.4	435.1	434.9	434.8	435.2	434.8	434.9
14°	434.3	433.8	433.8	433.9	434.4	433.9	433.8	433.8	434.3	433.8	433.8
14.5°	433.0	432.6	432.8	432.8	433.4	432.8	432.8	432.6	433.0	432.6	432.8
15°	432.1	431.5	431.7	431.8	432.1	431.8	431.7	431.5	432.1	431.5	431.7
15.5°	430.8	430.5	430.5	430.7	431.0	430.7	430.5	430.5	430.8	430.5	430.5
16°	429.9	429.5	429.4	429.7	429.8	429.7	429.4	429.5	429.9	429.5	429.4
16.5°	428.6	428.4	428.3	428.5	428.8	428.5	428.3	428.4	428.6	428.4	428.3
17°	427.5	426.8	427.0	427.1	427.3	427.1	427.0	426.8	427.5	426.8	427.0
17.5°	426.1	425.6	425.7	425.8	426.2	425.8	425.7	425.6	426.1	425.6	425.7
18°	424.7	424.4	424.3	424.6	424.8	424.6	424.3	424.4	424.7	424.4	424.3
18.5°	423.4	422.9	423.2	423.1	423.5	423.1	423.2	422.9	423.4	422.9	423.2
19°	422.0	421.6	421.7	421.9	422.0	421.9	421.7	421.6	422.0	421.6	421.7
19.5°	420.4	420.1	420.1	420.4	420.5	420.4	420.1	420.1	420.4	420.1	420.1
20°	419.2	418.5	418.7	418.9	419.1	418.9	418.7	418.5	419.2	418.5	418.7
20.5°	417.4	417.1	417.2	417.4	417.7	417.4	417.2	417.1	417.4	417.1	417.2
21°	416.0	415.6	415.8	415.9	416.1	415.9	415.8	415.6	416.0	415.6	415.8

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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°	411.1	410.8	410.9	410.9	411.3	410.9	410.9	410.8	411.1	410.8	410.9
23°	409.4	409.2	409.1	409.3	409.5	409.3	409.1	409.2	409.4	409.2	409.1
23.5°	407.8	407.6	407.5	407.6	407.8	407.6	407.5	407.6	407.8	407.6	407.5
24°	406.1	405.7	405.7	405.8	406.1	405.8	405.7	405.7	406.1	405.7	405.7
24.5°	404.2	404.0	404.0	404.0	404.3	404.0	404.0	404.0	404.2	404.0	404.0
25°	402.5	402.3	402.3	402.2	402.5	402.2	402.3	402.3	402.5	402.3	402.3
25.5°	400.6	400.4	400.4	400.3	400.7	400.3	400.4	400.4	400.6	400.4	400.4
26°	398.9	398.5	398.5	398.5	399.0	398.5	398.5	398.5	398.9	398.5	398.5
26.5°	396.8	396.6	396.7	396.6	397.0	396.6	396.7	396.6	396.8	396.6	396.7
27°	394.9	394.6	394.7	394.8	395.0	394.8	394.7	394.6	394.9	394.6	394.7
27.5°	392.9	392.8	392.7	392.8	393.0	392.8	392.7	392.8	392.9	392.8	392.7
28°	390.9	390.7	390.7	390.8	391.1	390.8	390.7	390.7	390.9	390.7	390.7
28.5°	389.0	388.6	388.8	388.8	389.0	388.8	388.8	388.6	389.0	388.6	388.8
29°	386.9	386.6	386.7	386.8	386.9	386.8	386.7	386.6	386.9	386.6	386.7
29.5°	384.8	384.5	384.6	384.7	385.0	384.7	384.6	384.5	384.8	384.5	384.6
30°	382.7	382.4	382.5	382.6	382.8	382.6	382.5	382.4	382.7	382.4	382.5
30.5°	380.5	380.2	380.3	380.4	380.6	380.4	380.3	380.2	380.5	380.2	380.3
31°	378.4	378.0	378.0	378.2	378.6	378.2	378.0	378.0	378.4	378.0	378.0
31.5°	376.1	375.8	375.9	375.9	376.3	375.9	375.9	375.8	376.1	375.8	375.9
32°	373.9	373.6	373.6	373.7	373.8	373.7	373.6	373.6	373.9	373.6	373.6
32.5°	371.5	371.3	371.5	371.3	371.6	371.3	371.5	371.3	371.5	371.3	371.5
33°	369.2	369.0	369.1	369.1	369.3	369.1	369.1	369.0	369.2	369.0	369.1
33.5°	366.9	366.7	366.7	366.7	367.0	366.7	366.7	366.7	366.9	366.7	366.7
34°	364.5	364.3	364.3	364.4	364.6	364.4	364.3	364.3	364.5	364.3	364.3
34.5°	362.1	361.8	361.9	362.0	362.1	362.0	361.9	361.8	362.1	361.8	361.9
35°	359.7	359.3	359.5	359.7	359.8	359.7	359.5	359.3	359.7	359.3	359.5
35.5°	357.3	357.0	357.1	357.2	357.3	357.2	357.1	357.0	357.3	357.0	357.1
36°	354.7	354.4	354.6	354.7	354.9	354.7	354.6	354.4	354.7	354.4	354.6
36.5°	352.4	352.0	352.2	352.2	352.5	352.2	352.2	352.0	352.4	352.0	352.2
37°	350.0	349.6	349.6	349.8	349.9	349.8	349.6	349.6	350.0	349.6	349.6
37.5°	347.4	347.0	347.2	347.1	347.3	347.1	347.2	347.0	347.4	347.0	347.2
38°	344.7	344.5	344.6	344.7	344.7	344.7	344.6	344.5	344.7	344.5	344.6
38.5°	342.2	342.0	341.9	342.0	342.1	342.0	341.9	342.0	342.2	342.0	341.9
39°	339.5	339.4	339.3	339.4	339.6	339.4	339.3	339.4	339.5	339.4	339.3
39.5°	336.9	336.7	336.5	336.9	336.9	336.9	336.5	336.7	336.9	336.7	336.5
40°	334.1	334.0	333.9	334.0	334.0	334.0	333.9	334.0	334.1	334.0	333.9
40.5°	331.4	331.2	331.1	331.2	331.2	331.2	331.1	331.2	331.4	331.2	331.1
41°	328.7	328.3	328.4	328.4	328.5	328.4	328.4	328.3	328.7	328.3	328.4
41.5°	326.0	325.6	325.5	325.6	325.8	325.6	325.5	325.6	326.0	325.6	325.5
42°	323.2	322.7	322.7	322.8	323.0	322.8	322.7	322.7	323.2	322.7	322.7
42.5°	320.1	319.8	319.9	319.9	320.1	319.9	319.9	319.8	320.1	319.8	319.9
43°	317.4	317.0	317.0	317.1	317.1	317.1	317.0	317.0	317.4	317.0	317.0
43.5°	314.3	314.1	314.1	314.3	314.3	314.3	314.1	314.1	314.3	314.1	314.1

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	305.7	305.4	305.3	305.4	305.7	305.4	305.3	305.4	305.7	305.4	305.3
45.5°	302.5	302.3	302.3	302.4	302.6	302.4	302.3	302.3	302.5	302.3	302.3
46°	299.3	299.4	299.4	299.6	299.6	299.6	299.4	299.4	299.3	299.4	299.4
46.5°	296.4	296.3	296.3	296.4	296.6	296.4	296.3	296.3	296.4	296.3	296.3
47°	293.4	293.3	293.2	293.3	293.4	293.3	293.2	293.3	293.4	293.3	293.2
47.5°	290.4	290.1	290.0	290.2	290.3	290.2	290.0	290.1	290.4	290.1	290.0
48°	287.1	286.8	287.0	287.0	287.3	287.0	287.0	286.8	287.1	286.8	287.0
48.5°	283.9	283.8	283.8	284.0	284.2	284.0	283.8	283.8	283.9	283.8	283.8
49°	280.8	280.6	280.8	280.7	280.9	280.7	280.8	280.6	280.8	280.6	280.8
49.5°	277.6	277.5	277.6	277.5	277.7	277.5	277.6	277.5	277.6	277.5	277.6
50°	274.7	274.2	274.3	274.4	274.5	274.4	274.3	274.2	274.7	274.2	274.3
50.5°	271.3	271.0	271.1	271.2	271.2	271.2	271.1	271.0	271.3	271.0	271.1
51°	268.0	267.9	268.0	268.0	268.1	268.0	268.0	267.9	268.0	267.9	268.0
51.5°	264.9	264.8	264.7	264.6	264.9	264.6	264.7	264.8	264.9	264.8	264.7
52°	261.6	261.4	261.4	261.4	261.6	261.4	261.4	261.4	261.6	261.4	261.4
52.5°	258.4	258.0	258.0	258.1	258.3	258.1	258.0	258.0	258.4	258.0	258.0
53°	254.9	254.7	254.7	254.7	254.8	254.7	254.7	254.7	254.9	254.7	254.7
53.5°	251.5	251.4	251.2	251.2	251.4	251.2	251.2	251.4	251.5	251.4	251.2
54°	248.0	247.9	247.8	247.7	248.1	247.7	247.8	247.9	248.0	247.9	247.8
54.5°	244.5	244.4	244.4	244.4	244.6	244.4	244.4	244.4	244.5	244.4	244.4
55°	241.0	240.9	241.0	240.9	241.3	240.9	241.0	240.9	241.0	240.9	241.0
55.5°	237.5	237.4	237.6	237.4	237.7	237.4	237.6	237.4	237.5	237.4	237.6
56°	233.9	233.9	234.1	234.1	234.4	234.1	234.1	233.9	233.9	233.9	234.1
56.5°	230.5	230.4	230.4	230.4	230.9	230.4	230.4	230.4	230.5	230.4	230.4
57°	226.9	226.9	227.1	227.0	227.1	227.0	227.1	226.9	226.9	226.9	227.1
57.5°	223.5	223.6	223.5	223.5	223.5	223.5	223.5	223.6	223.5	223.6	223.5
58°	220.0	219.8	219.9	219.8	220.1	219.8	219.9	219.8	220.0	219.8	219.9
58.5°	216.4	216.2	216.2	216.2	216.5	216.2	216.2	216.2	216.4	216.2	216.2
59°	212.7	212.6	212.6	212.6	212.8	212.6	212.6	212.6	212.7	212.6	212.6
59.5°	209.0	208.8	208.9	208.9	209.0	208.9	208.9	208.8	209.0	208.8	208.9
60°	205.4	205.2	205.3	205.2	205.4	205.2	205.3	205.2	205.4	205.2	205.3
60.5°	201.6	201.6	201.5	201.5	201.6	201.5	201.5	201.6	201.6	201.6	201.5
61°	197.7	197.8	197.8	197.8	197.9	197.8	197.8	197.8	197.7	197.8	197.8
61.5°	194.2	194.2	194.1	194.1	194.3	194.1	194.1	194.2	194.2	194.2	194.1
62°	190.5	190.4	190.4	190.4	190.6	190.4	190.4	190.4	190.5	190.4	190.4
62.5°	186.8	186.7	186.5	186.6	186.7	186.6	186.5	186.7	186.8	186.7	186.5
63°	183.0	182.9	182.9	182.8	182.9	182.8	182.9	182.9	183.0	182.9	182.9
63.5°	179.3	179.1	179.1	179.1	179.1	179.1	179.1	179.1	179.3	179.1	179.1
64°	175.5	175.2	175.2	175.2	175.4	175.2	175.2	175.2	175.5	175.2	175.2
64.5°	171.7	171.4	171.4	171.4	171.5	171.4	171.4	171.4	171.7	171.4	171.4
65°	167.8	167.6	167.5	167.5	167.8	167.5	167.5	167.6	167.8	167.6	167.5
65.5°	163.9	163.7	163.6	163.6	163.7	163.6	163.6	163.7	163.9	163.7	163.6
66°	159.9	159.7	159.7	159.8	159.9	159.8	159.7	159.7	159.9	159.7	159.7

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997185

CATALOG NUMBER: SMX6RLSFS010-1200LM-5000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	148.0	148.0	147.9	148.0	148.0	148.0	147.9	148.0	148.0	148.0	147.9
68°	144.2	144.2	144.0	144.0	144.2	144.0	144.0	144.2	144.2	144.2	144.0
68.5°	140.2	140.2	140.1	140.1	140.3	140.1	140.1	140.2	140.2	140.2	140.1
69°	136.2	136.1	136.1	136.1	136.3	136.1	136.1	136.1	136.2	136.1	136.1
69.5°	132.2	132.1	132.1	132.1	132.3	132.1	132.1	132.1	132.2	132.1	132.1
70°	128.3	128.2	128.2	128.1	128.3	128.1	128.2	128.2	128.3	128.2	128.2
70.5°	124.3	124.2	124.1	124.1	124.4	124.1	124.1	124.2	124.3	124.2	124.1
71°	120.3	120.2	120.2	120.1	120.4	120.1	120.2	120.2	120.3	120.2	120.2
71.5°	116.3	116.2	116.2	116.1	116.4	116.1	116.2	116.2	116.3	116.2	116.2
72°	112.3	112.1	112.2	112.1	112.4	112.1	112.2	112.1	112.3	112.1	112.2
72.5°	108.3	108.2	108.2	108.2	108.3	108.2	108.2	108.2	108.3	108.2	108.2
73°	104.3	104.2	104.3	104.1	104.4	104.1	104.3	104.2	104.3	104.2	104.3
73.5°	100.3	100.4	100.4	100.3	100.4	100.3	100.4	100.4	100.3	100.4	100.4
74°	96.4	96.5	96.5	96.4	96.6	96.4	96.5	96.5	96.4	96.5	96.5
74.5°	92.5	92.5	92.5	92.4	92.6	92.4	92.5	92.5	92.5	92.5	92.5
75°	88.4	88.5	88.5	88.4	88.7	88.4	88.5	88.5	88.4	88.5	88.5
75.5°	84.5	84.6	84.6	84.5	84.7	84.5	84.6	84.6	84.5	84.6	84.6
76°	80.6	80.6	80.7	80.6	80.7	80.6	80.7	80.6	80.6	80.6	80.7
76.5°	76.7	76.7	76.7	76.6	76.8	76.6	76.7	76.7	76.7	76.7	76.7
77°	72.9	72.8	72.9	72.8	73.0	72.8	72.9	72.8	72.9	72.8	72.9
77.5°	69.0	69.0	69.1	69.0	69.1	69.0	69.1	69.0	69.0	69.0	69.1
78°	65.2	65.1	65.2	65.1	65.2	65.1	65.2	65.1	65.2	65.1	65.2
78.5°	61.4	61.4	61.4	61.3	61.5	61.3	61.4	61.4	61.4	61.4	61.4
79°	57.5	57.5	57.6	57.5	57.6	57.5	57.6	57.5	57.5	57.5	57.6
79.5°	53.8	53.8	53.8	53.7	53.9	53.7	53.8	53.8	53.8	53.8	53.8
80°	50.3	50.0	50.0	50.0	50.2	50.0	50.0	50.0	50.3	50.0	50.0
80.5°	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
81°	42.9	43.0	42.9	43.0	42.9	43.0	42.9	43.0	42.9	43.0	42.9
81.5°	39.4	39.4	39.4	39.5	39.5	39.5	39.4	39.4	39.4	39.4	39.4
82°	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
82.5°	32.8	32.7	32.8	32.9	32.8	32.9	32.8	32.7	32.8	32.7	32.8
83°	29.7	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.7	29.6	29.6
83.5°	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
84°	23.6	23.5	23.6	23.6	23.5	23.6	23.6	23.5	23.6	23.5	23.6
84.5°	20.8	20.8	20.8	20.9	20.8	20.9	20.8	20.8	20.8	20.8	20.8
85°	18.0	18.0	18.1	18.1	18.0	18.1	18.1	18.0	18.0	18.0	18.1
85.5°	15.3	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.3	15.5	15.5
86°	13.1	13.1	13.2	13.1	13.0	13.1	13.2	13.1	13.1	13.1	13.2
86.5°	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9
87°	8.9	8.9	8.9	8.9	8.8	8.9	8.9	8.9	8.9	8.9	8.9
87.5°	7.0	7.1	7.2	7.1	6.9	7.1	7.2	7.1	7.0	7.1	7.2
88°	5.5	5.5	5.6	5.5	5.4	5.5	5.6	5.5	5.5	5.5	5.6
88.5°	4.1	4.1	4.2	4.1	4.0	4.1	4.2	4.1	4.1	4.1	4.2

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

Scaled Data Report



TEST NUMBER: P997185
CATALOG NUMBER: SMX6RLSFS010-1200LM-5000K

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: P997185

CATALOG NUMBER: SMX6RLSFS010-1200LM-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	448.7	448.7	448.7	448.7	448.7	448.7
0.5°	448.8	448.9	448.8	449.0	448.5	448.9
1°	448.9	448.8	448.9	448.8	448.4	448.7
1.5°	448.8	448.9	448.8	448.6	448.4	448.7
2°	448.5	448.6	448.5	448.6	448.4	449.0
2.5°	448.4	448.5	448.4	448.3	448.0	448.7
3°	448.2	448.2	448.2	448.1	448.0	448.5
3.5°	448.0	448.1	448.0	447.8	447.7	448.0
4°	447.8	447.9	447.8	447.6	447.4	447.6
4.5°	447.4	447.4	447.4	447.2	447.1	447.6
5°	447.1	447.2	447.1	446.9	446.7	447.2
5.5°	446.6	446.8	446.6	446.7	446.4	446.8
6°	446.1	446.4	446.1	446.0	445.8	446.3
6.5°	445.8	446.0	445.8	445.4	445.5	445.6
7°	445.1	445.4	445.1	444.9	445.0	445.0
7.5°	444.5	445.1	444.5	444.4	444.5	444.5
8°	444.0	444.2	444.0	443.8	443.9	443.9
8.5°	443.4	443.6	443.4	443.2	443.3	443.3
9°	442.7	443.0	442.7	442.6	442.7	442.9
9.5°	442.1	442.4	442.1	441.9	441.8	441.8
10°	441.3	441.5	441.3	441.1	441.1	441.6
10.5°	440.4	441.0	440.4	440.3	440.5	440.5
11°	439.7	439.8	439.7	439.5	439.5	440.1
11.5°	438.7	439.1	438.7	438.8	438.7	439.0
12°	437.9	438.2	437.9	437.8	437.8	438.3
12.5°	436.8	437.3	436.8	437.0	436.7	437.0
13°	436.0	436.4	436.0	436.0	435.9	436.2
13.5°	435.1	435.4	435.1	434.9	434.8	435.2
14°	433.9	434.4	433.9	433.8	433.8	434.3
14.5°	432.8	433.4	432.8	432.8	432.6	433.0
15°	431.8	432.1	431.8	431.7	431.5	432.1
15.5°	430.7	431.0	430.7	430.5	430.5	430.8
16°	429.7	429.8	429.7	429.4	429.5	429.9
16.5°	428.5	428.8	428.5	428.3	428.4	428.6
17°	427.1	427.3	427.1	427.0	426.8	427.5
17.5°	425.8	426.2	425.8	425.7	425.6	426.1
18°	424.6	424.8	424.6	424.3	424.4	424.7
18.5°	423.1	423.5	423.1	423.2	422.9	423.4
19°	421.9	422.0	421.9	421.7	421.6	422.0
19.5°	420.4	420.5	420.4	420.1	420.1	420.4
20°	418.9	419.1	418.9	418.7	418.5	419.2
20.5°	417.4	417.7	417.4	417.2	417.1	417.4
21°	415.9	416.1	415.9	415.8	415.6	416.0

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997185

CATALOG NUMBER: SMX6RLSFS010-1200LM-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	410.9	411.3	410.9	410.9	410.8	411.1
23°	409.3	409.5	409.3	409.1	409.2	409.4
23.5°	407.6	407.8	407.6	407.5	407.6	407.8
24°	405.8	406.1	405.8	405.7	405.7	406.1
24.5°	404.0	404.3	404.0	404.0	404.0	404.2
25°	402.2	402.5	402.2	402.3	402.3	402.5
25.5°	400.3	400.7	400.3	400.4	400.4	400.6
26°	398.5	399.0	398.5	398.5	398.5	398.9
26.5°	396.6	397.0	396.6	396.7	396.6	396.8
27°	394.8	395.0	394.8	394.7	394.6	394.9
27.5°	392.8	393.0	392.8	392.7	392.8	392.9
28°	390.8	391.1	390.8	390.7	390.7	390.9
28.5°	388.8	389.0	388.8	388.8	388.6	389.0
29°	386.8	386.9	386.8	386.7	386.6	386.9
29.5°	384.7	385.0	384.7	384.6	384.5	384.8
30°	382.6	382.8	382.6	382.5	382.4	382.7
30.5°	380.4	380.6	380.4	380.3	380.2	380.5
31°	378.2	378.6	378.2	378.0	378.0	378.4
31.5°	375.9	376.3	375.9	375.9	375.8	376.1
32°	373.7	373.8	373.7	373.6	373.6	373.9
32.5°	371.3	371.6	371.3	371.5	371.3	371.5
33°	369.1	369.3	369.1	369.1	369.0	369.2
33.5°	366.7	367.0	366.7	366.7	366.7	366.9
34°	364.4	364.6	364.4	364.3	364.3	364.5
34.5°	362.0	362.1	362.0	361.9	361.8	362.1
35°	359.7	359.8	359.7	359.5	359.3	359.7
35.5°	357.2	357.3	357.2	357.1	357.0	357.3
36°	354.7	354.9	354.7	354.6	354.4	354.7
36.5°	352.2	352.5	352.2	352.2	352.0	352.4
37°	349.8	349.9	349.8	349.6	349.6	350.0
37.5°	347.1	347.3	347.1	347.2	347.0	347.4
38°	344.7	344.7	344.7	344.6	344.5	344.7
38.5°	342.0	342.1	342.0	341.9	342.0	342.2
39°	339.4	339.6	339.4	339.3	339.4	339.5
39.5°	336.9	336.9	336.9	336.5	336.7	336.9
40°	334.0	334.0	334.0	333.9	334.0	334.1
40.5°	331.2	331.2	331.2	331.1	331.2	331.4
41°	328.4	328.5	328.4	328.4	328.3	328.7
41.5°	325.6	325.8	325.6	325.5	325.6	326.0
42°	322.8	323.0	322.8	322.7	322.7	323.2
42.5°	319.9	320.1	319.9	319.9	319.8	320.1
43°	317.1	317.1	317.1	317.0	317.0	317.4
43.5°	314.3	314.3	314.3	314.1	314.1	314.3

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997185

CATALOG NUMBER: SMX6RLSFS010-1200LM-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	305.4	305.7	305.4	305.3	305.4	305.7
45.5°	302.4	302.6	302.4	302.3	302.3	302.5
46°	299.6	299.6	299.6	299.4	299.4	299.3
46.5°	296.4	296.6	296.4	296.3	296.3	296.4
47°	293.3	293.4	293.3	293.2	293.3	293.4
47.5°	290.2	290.3	290.2	290.0	290.1	290.4
48°	287.0	287.3	287.0	287.0	286.8	287.1
48.5°	284.0	284.2	284.0	283.8	283.8	283.9
49°	280.7	280.9	280.7	280.8	280.6	280.8
49.5°	277.5	277.7	277.5	277.6	277.5	277.6
50°	274.4	274.5	274.4	274.3	274.2	274.7
50.5°	271.2	271.2	271.2	271.1	271.0	271.3
51°	268.0	268.1	268.0	268.0	267.9	268.0
51.5°	264.6	264.9	264.6	264.7	264.8	264.9
52°	261.4	261.6	261.4	261.4	261.4	261.6
52.5°	258.1	258.3	258.1	258.0	258.0	258.4
53°	254.7	254.8	254.7	254.7	254.7	254.9
53.5°	251.2	251.4	251.2	251.2	251.4	251.5
54°	247.7	248.1	247.7	247.8	247.9	248.0
54.5°	244.4	244.6	244.4	244.4	244.4	244.5
55°	240.9	241.3	240.9	241.0	240.9	241.0
55.5°	237.4	237.7	237.4	237.6	237.4	237.5
56°	234.1	234.4	234.1	234.1	233.9	233.9
56.5°	230.4	230.9	230.4	230.4	230.4	230.5
57°	227.0	227.1	227.0	227.1	226.9	226.9
57.5°	223.5	223.5	223.5	223.5	223.6	223.5
58°	219.8	220.1	219.8	219.9	219.8	220.0
58.5°	216.2	216.5	216.2	216.2	216.2	216.4
59°	212.6	212.8	212.6	212.6	212.6	212.7
59.5°	208.9	209.0	208.9	208.9	208.8	209.0
60°	205.2	205.4	205.2	205.3	205.2	205.4
60.5°	201.5	201.6	201.5	201.5	201.6	201.6
61°	197.8	197.9	197.8	197.8	197.8	197.7
61.5°	194.1	194.3	194.1	194.1	194.2	194.2
62°	190.4	190.6	190.4	190.4	190.4	190.5
62.5°	186.6	186.7	186.6	186.5	186.7	186.8
63°	182.8	182.9	182.8	182.9	182.9	183.0
63.5°	179.1	179.1	179.1	179.1	179.1	179.3
64°	175.2	175.4	175.2	175.2	175.2	175.5
64.5°	171.4	171.5	171.4	171.4	171.4	171.7
65°	167.5	167.8	167.5	167.5	167.6	167.8
65.5°	163.6	163.7	163.6	163.6	163.7	163.9
66°	159.8	159.9	159.8	159.7	159.7	159.9

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997185

CATALOG NUMBER: SMX6RLSFS010-1200LM-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	148.0	148.0	148.0	147.9	148.0	148.0
68°	144.0	144.2	144.0	144.0	144.2	144.2
68.5°	140.1	140.3	140.1	140.1	140.2	140.2
69°	136.1	136.3	136.1	136.1	136.1	136.2
69.5°	132.1	132.3	132.1	132.1	132.1	132.2
70°	128.1	128.3	128.1	128.2	128.2	128.3
70.5°	124.1	124.4	124.1	124.1	124.2	124.3
71°	120.1	120.4	120.1	120.2	120.2	120.3
71.5°	116.1	116.4	116.1	116.2	116.2	116.3
72°	112.1	112.4	112.1	112.2	112.1	112.3
72.5°	108.2	108.3	108.2	108.2	108.2	108.3
73°	104.1	104.4	104.1	104.3	104.2	104.3
73.5°	100.3	100.4	100.3	100.4	100.4	100.3
74°	96.4	96.6	96.4	96.5	96.5	96.4
74.5°	92.4	92.6	92.4	92.5	92.5	92.5
75°	88.4	88.7	88.4	88.5	88.5	88.4
75.5°	84.5	84.7	84.5	84.6	84.6	84.5
76°	80.6	80.7	80.6	80.7	80.6	80.6
76.5°	76.6	76.8	76.6	76.7	76.7	76.7
77°	72.8	73.0	72.8	72.9	72.8	72.9
77.5°	69.0	69.1	69.0	69.1	69.0	69.0
78°	65.1	65.2	65.1	65.2	65.1	65.2
78.5°	61.3	61.5	61.3	61.4	61.4	61.4
79°	57.5	57.6	57.5	57.6	57.5	57.5
79.5°	53.7	53.9	53.7	53.8	53.8	53.8
80°	50.0	50.2	50.0	50.0	50.0	50.3
80.5°	46.5	46.5	46.5	46.5	46.5	46.5
81°	43.0	42.9	43.0	42.9	43.0	42.9
81.5°	39.5	39.5	39.5	39.4	39.4	39.4
82°	36.0	36.0	36.0	36.0	36.0	36.0
82.5°	32.9	32.8	32.9	32.8	32.7	32.8
83°	29.6	29.6	29.6	29.6	29.6	29.7
83.5°	26.5	26.5	26.5	26.5	26.5	26.5
84°	23.6	23.5	23.6	23.6	23.5	23.6
84.5°	20.9	20.8	20.9	20.8	20.8	20.8
85°	18.1	18.0	18.1	18.1	18.0	18.0
85.5°	15.5	15.5	15.5	15.5	15.5	15.3
86°	13.1	13.0	13.1	13.2	13.1	13.1
86.5°	10.9	10.9	10.9	10.9	10.9	10.9
87°	8.9	8.8	8.9	8.9	8.9	8.9
87.5°	7.1	6.9	7.1	7.2	7.1	7.0
88°	5.5	5.4	5.5	5.6	5.5	5.5
88.5°	4.1	4.0	4.1	4.2	4.1	4.1

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Scaled Data Report



TEST NUMBER: P997185
CATALOG NUMBER: SMX6RLSFS010-1200LM-5000K

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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Scaled Data Report

Cooper Lighting Solutions Photometric Lab

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Peachtree City, GA 30269



Report Generated By 670245859 / DESKTOP-T8S5UU9

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

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21.5°	414.4	414.1	414.1	414.3	414.6	414.3	414.1	414.1	414.4	414.1	414.1
22°	412.7	412.5	412.5	412.7	412.8	412.7	412.5	412.5	412.7	412.5	412.5



44°	311.4	311.2	311.1	311.4	311.5	311.4	311.1	311.2	311.4	311.2	311.1
44.5°	308.5	308.4	308.2	308.4	308.5	308.4	308.2	308.4	308.5	308.4	308.2



66.5°	155.8	155.7	155.7	155.8	155.9	155.8	155.7	155.7	155.8	155.7	155.7
67°	151.9	151.9	151.9	151.9	152.0	151.9	151.9	151.9	151.9	151.9	151.9

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89°	3.0	2.9	3.0	3.1	2.8	3.1	3.0	2.9	3.0	2.9	3.0
89.5°	2.0	2.1	1.9	2.1	2.1	2.1	1.9	2.1	2.0	2.1	1.9

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21.5°	414.3	414.6	414.3	414.1	414.1	414.4
22°	412.7	412.8	412.7	412.5	412.5	412.7

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44°	311.4	311.5	311.4	311.1	311.2	311.4
44.5°	308.4	308.5	308.4	308.2	308.4	308.5

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66.5°	155.8	155.9	155.8	155.7	155.7	155.8
67°	151.9	152.0	151.9	151.9	151.9	151.9

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89°	3.1	2.8	3.1	3.0	2.9	3.0
89.5°	2.1	2.1	2.1	1.9	2.1	2.0

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(END OF REPORT)