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

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: P1596603

Luminaire Tested: HLB2SLSFS5-LO-2700K

Issue Date: 10/7/2026

Report Generated By 670265710 / DESKTOP-98SHLC4

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1596603
	TEST IS SCALED FROM IESNA LM-79-24 TEST DATA (A2600263B001)
Test Lab:	COOPER LIGHTING SOLUTIONS
Issue Date:	10/7/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	HALO
Catalog Number:	HLB2SLSFS5-LO-2700K
Description:	HLB2 2" SQUARE SLIM LOW GLARE CANLESS LED DOWNLIGHT
Light Source:	2700K CCT, 90 CRI LEDS
Ballast/Driver:	-

Summary

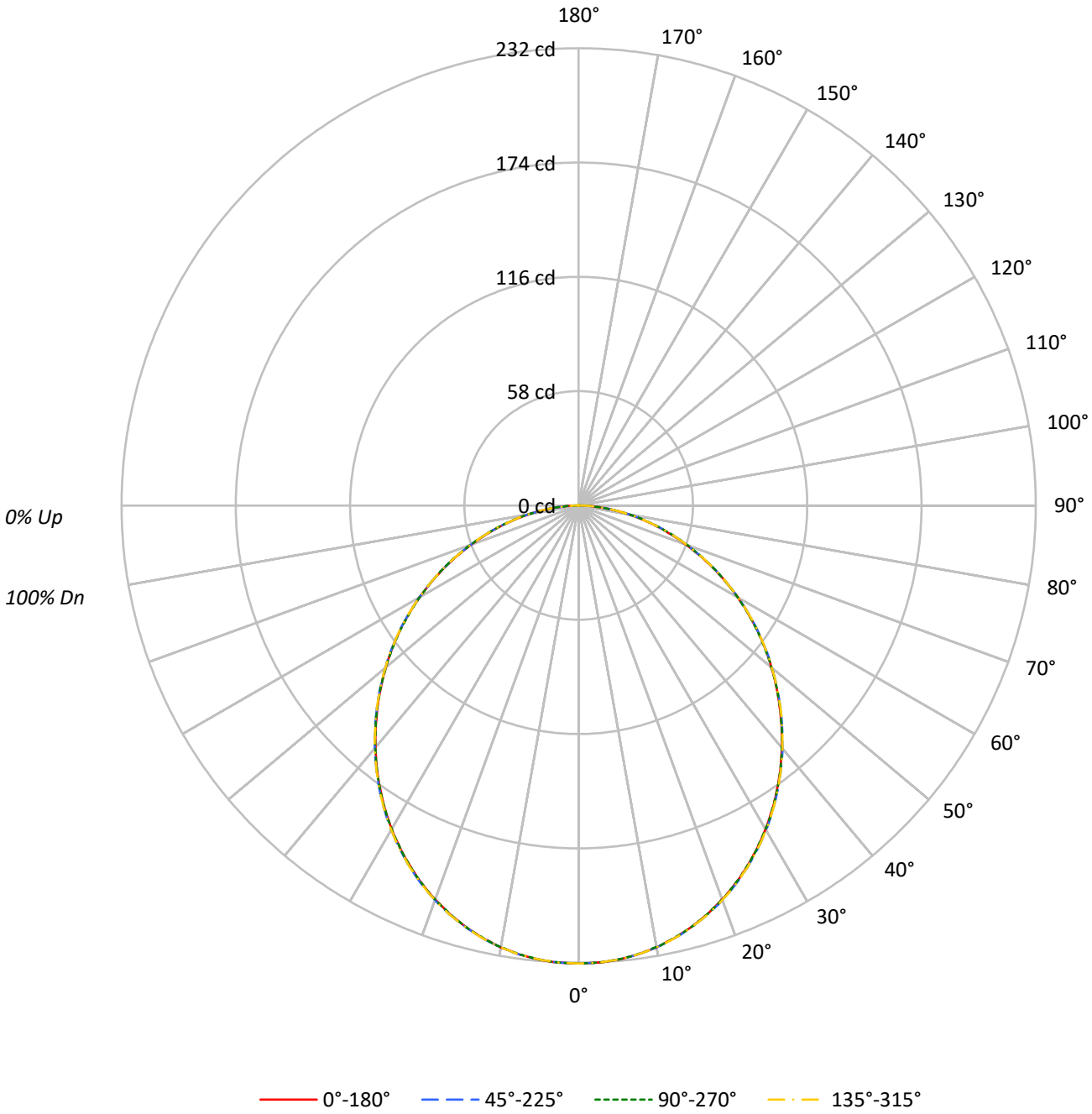
Lumens per Lamp:	N/A
Luminaire Lumens:	630.0 lumens
Efficiency:	N/A
Efficacy:	114.5 lumens/watt
Spacing Criteria (0/90/45):	1.22 / 1.22 / 1.33
Luminous Opening:	Rectangular (W 0.09' x L: 0.09' x H: 0')
CIE Type:	Direct
Input Watts (W):	5.5
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	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			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	0
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	91	84	78	96	89	82	77	85	80	75	82	77	74	79	75	72	70
3	90	80	72	65	88	78	71	64	75	69	63	72	67	62	70	65	61	59
4	83	71	62	55	80	69	61	55	67	60	54	64	58	53	62	57	53	50
5	76	63	54	48	74	62	54	47	60	52	47	58	51	46	56	50	46	44
6	70	57	48	42	68	56	48	41	54	47	41	52	46	41	51	45	40	38
7	65	52	43	37	63	51	43	37	49	42	36	48	41	36	46	40	36	34
8	61	47	39	33	59	46	38	33	45	38	33	44	37	32	43	37	32	30
9	57	43	35	30	55	43	35	30	42	34	29	40	34	29	39	33	29	27
10	53	40	32	27	52	39	32	27	38	31	27	38	31	27	37	31	26	25

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	308831	308831	308831	308831
5°	308544	308544	308544	308544
10°	307253	306984	307253	306984
15°	304592	304592	304592	304592
20°	300934	300934	300934	300934
25°	296330	296330	296330	296330
30°	291086	291086	291086	291086
35°	284869	285193	284869	285193
40°	278250	278424	278250	278424
45°	270998	271373	270998	271373
50°	263796	264003	263796	264003
55°	256473	256010	256473	256010
60°	247703	247437	247703	247437
65°	237087	238345	237087	238345
70°	224575	227295	224575	227295
75°	211537	214618	211537	214618
80°	194379	197440	194379	197440
85°	161620	163145	161620	163145

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
Vertical Angle: 45°
Luminance: 272125 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	22.0	3.5
10°-20°	62.4	9.9
20°-30°	93.2	14.8
30°-40°	110.1	17.5
40°-50°	111.6	17.7
50°-60°	99.1	15.7
60°-70°	74.9	11.9
70°-80°	44.0	7.0
80°-90°	12.2	1.9
90°-100°	0.0	0.0
100°-110°	0.1	0.0
110°-120°	0.1	0.0
120°-130°	0.1	0.0
130°-140°	0.1	0.0
140°-150°	0.1	0.0
150°-160°	0.1	0.0
160°-170°	0.1	0.0
170°-180°	0.0	0.0
0°-30°	177.6	28.2
0°-40°	287.7	45.7
0°-60°	498.3	79.1
0°-90°	629.4	99.9
90°-120°	0.2	0.0
90°-150°	0.4	0.1
90°-180°	1.0	0.2
0°-180°	630.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	232	232	232	232	232	
5°	231	231	231	231	231	22
15°	221	221	221	221	221	62
25°	202	202	202	202	202	93
35°	176	176	176	176	176	110
45°	144	144	144	144	144	111
55°	111	110	111	110	111	99
65°	75	76	75	76	75	75
75°	41	42	41	42	41	44
85°	11	11	11	11	11	12
90°	0	0	0	0	0	0
95°	0	0	0	0	0	0
105°	0	0	0	0	0	0
115°	0	0	0	0	0	0
125°	0	0	0	0	0	0
135°	0	0	0	0	0	0
145°	0	0	0	0	0	0
155°	0	0	0	0	0	0
165°	0	0	0	0	0	0
175°	0	0	0	0	0	0
180°	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°	232.4	232.4	232.4	232.4	232.4	232.4	232.4	232.4	232.4	232.4	232.4
0.5°	232.4	232.4	232.3	232.4	232.4	232.4	232.3	232.4	232.4	232.4	232.3
1°	232.4	232.4	232.3	232.4	232.4	232.4	232.3	232.4	232.4	232.4	232.3
1.5°	232.3	232.3	232.3	232.2	232.3	232.2	232.3	232.3	232.3	232.3	232.3
2°	232.2	232.2	232.2	232.1	232.2	232.1	232.2	232.2	232.2	232.2	232.2
2.5°	232.2	232.2	232.1	232.1	232.1	232.1	232.1	232.2	232.2	232.2	232.1
3°	232.1	232.0	232.0	232.0	232.0	232.0	232.0	232.0	232.1	232.0	232.0
3.5°	231.9	231.8	231.8	231.8	231.9	231.8	231.8	231.8	231.9	231.8	231.8
4°	231.7	231.6	231.6	231.6	231.6	231.6	231.6	231.6	231.7	231.6	231.6
4.5°	231.5	231.5	231.5	231.4	231.4	231.4	231.5	231.5	231.5	231.5	231.5
5°	231.3	231.3	231.2	231.2	231.3	231.2	231.2	231.3	231.3	231.3	231.2
5.5°	231.1	231.0	231.0	231.0	231.0	231.0	231.0	231.0	231.1	231.0	231.0
6°	230.7	230.7	230.7	230.7	230.6	230.7	230.7	230.7	230.7	230.7	230.7
6.5°	230.4	230.4	230.4	230.4	230.4	230.4	230.4	230.4	230.4	230.4	230.4
7°	230.1	230.1	230.1	230.1	230.1	230.1	230.1	230.1	230.1	230.1	230.1
7.5°	229.8	229.8	229.8	229.7	229.7	229.7	229.8	229.8	229.8	229.8	229.8
8°	229.4	229.4	229.4	229.4	229.3	229.4	229.4	229.4	229.4	229.4	229.4
8.5°	228.9	229.0	229.0	229.0	229.0	229.0	229.0	229.0	228.9	229.0	229.0
9°	228.5	228.6	228.5	228.5	228.5	228.5	228.5	228.6	228.5	228.6	228.5
9.5°	228.1	228.1	228.1	228.0	227.9	228.0	228.1	228.1	228.1	228.1	228.1
10°	227.7	227.6	227.6	227.5	227.5	227.5	227.6	227.6	227.7	227.6	227.6
10.5°	227.1	227.1	227.1	227.1	227.1	227.1	227.1	227.1	227.1	227.1	227.1
11°	226.5	226.7	226.6	226.6	226.5	226.6	226.6	226.7	226.5	226.7	226.6
11.5°	225.9	226.1	226.1	226.0	226.0	226.0	226.1	226.1	225.9	226.1	226.1
12°	225.4	225.5	225.5	225.4	225.3	225.4	225.5	225.5	225.4	225.5	225.5
12.5°	224.8	224.9	224.9	224.9	224.7	224.9	224.9	224.9	224.8	224.9	224.9
13°	224.2	224.3	224.3	224.3	224.1	224.3	224.3	224.3	224.2	224.3	224.3
13.5°	223.4	223.6	223.7	223.6	223.5	223.6	223.7	223.6	223.4	223.6	223.7
14°	222.8	222.9	222.9	222.9	222.8	222.9	222.9	222.9	222.8	222.9	222.9
14.5°	222.1	222.2	222.3	222.2	222.1	222.2	222.3	222.2	222.1	222.2	222.3
15°	221.4	221.5	221.6	221.5	221.4	221.5	221.6	221.5	221.4	221.5	221.6
15.5°	220.6	220.8	220.8	220.7	220.6	220.7	220.8	220.8	220.6	220.8	220.8
16°	219.8	220.0	220.0	220.0	219.8	220.0	220.0	220.0	219.8	220.0	220.0
16.5°	219.0	219.2	219.3	219.2	219.0	219.2	219.3	219.2	219.0	219.2	219.3
17°	218.2	218.4	218.5	218.4	218.2	218.4	218.5	218.4	218.2	218.4	218.5
17.5°	217.4	217.5	217.7	217.6	217.4	217.6	217.7	217.5	217.4	217.5	217.7
18°	216.5	216.6	216.8	216.7	216.4	216.7	216.8	216.6	216.5	216.6	216.8
18.5°	215.6	215.8	215.9	215.8	215.6	215.8	215.9	215.8	215.6	215.8	215.9
19°	214.6	214.9	215.0	214.9	214.7	214.9	215.0	214.9	214.6	214.9	215.0
19.5°	213.7	214.0	214.1	214.0	213.8	214.0	214.1	214.0	213.7	214.0	214.1
20°	212.8	213.0	213.1	213.0	212.8	213.0	213.1	213.0	212.8	213.0	213.1
20.5°	211.9	212.0	212.1	212.1	211.9	212.1	212.1	212.0	211.9	212.0	212.1
21°	210.8	211.1	211.2	211.1	210.9	211.1	211.2	211.1	210.8	211.1	211.2
21.5°	209.8	210.0	210.2	210.1	209.8	210.1	210.2	210.0	209.8	210.0	210.2
22°	208.8	209.0	209.1	209.0	208.8	209.0	209.1	209.0	208.8	209.0	209.1

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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°	207.7	208.0	208.1	208.0	207.7	208.0	208.1	208.0	207.7	208.0	208.1
23°	206.6	206.9	207.1	206.9	206.6	206.9	207.1	206.9	206.6	206.9	207.1
23.5°	205.6	205.9	206.0	205.8	205.6	205.8	206.0	205.9	205.6	205.9	206.0
24°	204.4	204.7	204.8	204.7	204.5	204.7	204.8	204.7	204.4	204.7	204.8
24.5°	203.3	203.6	203.7	203.6	203.3	203.6	203.7	203.6	203.3	203.6	203.7
25°	202.1	202.4	202.6	202.5	202.1	202.5	202.6	202.4	202.1	202.4	202.6
25.5°	201.0	201.2	201.4	201.3	201.0	201.3	201.4	201.2	201.0	201.2	201.4
26°	199.8	200.1	200.2	200.2	199.8	200.2	200.2	200.1	199.8	200.1	200.2
26.5°	198.6	198.9	199.0	199.0	198.6	199.0	199.0	198.9	198.6	198.9	199.0
27°	197.3	197.7	197.8	197.8	197.4	197.8	197.8	197.7	197.3	197.7	197.8
27.5°	196.2	196.5	196.6	196.5	196.1	196.5	196.6	196.5	196.2	196.5	196.6
28°	194.8	195.2	195.3	195.2	194.8	195.2	195.3	195.2	194.8	195.2	195.3
28.5°	193.6	193.9	194.1	194.0	193.6	194.0	194.1	193.9	193.6	193.9	194.1
29°	192.3	192.6	192.8	192.7	192.3	192.7	192.8	192.6	192.3	192.6	192.8
29.5°	191.0	191.3	191.5	191.4	191.0	191.4	191.5	191.3	191.0	191.3	191.5
30°	189.7	190.0	190.2	190.1	189.7	190.1	190.2	190.0	189.7	190.0	190.2
30.5°	188.4	188.7	188.9	188.7	188.4	188.7	188.9	188.7	188.4	188.7	188.9
31°	187.0	187.3	187.5	187.4	187.1	187.4	187.5	187.3	187.0	187.3	187.5
31.5°	185.6	186.0	186.1	186.0	185.8	186.0	186.1	186.0	185.6	186.0	186.1
32°	184.2	184.6	184.7	184.7	184.3	184.7	184.7	184.6	184.2	184.6	184.7
32.5°	182.9	183.2	183.4	183.3	182.9	183.3	183.4	183.2	182.9	183.2	183.4
33°	181.5	181.8	182.0	181.9	181.5	181.9	182.0	181.8	181.5	181.8	182.0
33.5°	180.0	180.3	180.5	180.4	180.1	180.4	180.5	180.3	180.0	180.3	180.5
34°	178.6	179.0	179.1	179.0	178.6	179.0	179.1	179.0	178.6	179.0	179.1
34.5°	177.1	177.5	177.6	177.6	177.2	177.6	177.6	177.5	177.1	177.5	177.6
35°	175.6	176.1	176.2	176.1	175.8	176.1	176.2	176.1	175.6	176.1	176.2
35.5°	174.2	174.6	174.7	174.6	174.3	174.6	174.7	174.6	174.2	174.6	174.7
36°	172.7	173.1	173.2	173.1	172.8	173.1	173.2	173.1	172.7	173.1	173.2
36.5°	171.2	171.6	171.6	171.6	171.3	171.6	171.6	171.6	171.2	171.6	171.6
37°	169.7	170.1	170.2	170.1	169.8	170.1	170.2	170.1	169.7	170.1	170.2
37.5°	168.2	168.6	168.7	168.6	168.3	168.6	168.7	168.6	168.2	168.6	168.7
38°	166.6	167.0	167.1	167.1	166.7	167.1	167.1	167.0	166.6	167.0	167.1
38.5°	165.1	165.5	165.6	165.6	165.2	165.6	165.6	165.5	165.1	165.5	165.6
39°	163.5	164.0	164.1	164.0	163.6	164.0	164.1	164.0	163.5	164.0	164.1
39.5°	162.0	162.4	162.5	162.4	162.0	162.4	162.5	162.4	162.0	162.4	162.5
40°	160.4	160.8	161.0	160.9	160.5	160.9	161.0	160.8	160.4	160.8	161.0
40.5°	158.8	159.3	159.3	159.3	158.9	159.3	159.3	159.3	158.8	159.3	159.3
41°	157.2	157.7	157.7	157.7	157.3	157.7	157.7	157.7	157.2	157.7	157.7
41.5°	155.6	156.1	156.1	156.1	155.7	156.1	156.1	156.1	155.6	156.1	156.1
42°	154.0	154.5	154.5	154.5	154.1	154.5	154.5	154.5	154.0	154.5	154.5
42.5°	152.4	152.9	152.9	152.9	152.5	152.9	152.9	152.9	152.4	152.9	152.9
43°	150.8	151.3	151.3	151.2	150.9	151.2	151.3	151.3	150.8	151.3	151.3
43.5°	149.1	149.7	149.7	149.6	149.3	149.6	149.7	149.7	149.1	149.7	149.7
44°	147.5	148.0	148.0	148.0	147.7	148.0	148.0	148.0	147.5	148.0	148.0
44.5°	145.9	146.3	146.4	146.4	146.1	146.4	146.4	146.3	145.9	146.3	146.4

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	144.2	144.7	144.8	144.7	144.4	144.7	144.8	144.7	144.2	144.7	144.8
45.5°	142.6	143.1	143.1	143.0	142.8	143.0	143.1	143.1	142.6	143.1	143.1
46°	141.0	141.4	141.5	141.4	141.1	141.4	141.5	141.4	141.0	141.4	141.5
46.5°	139.3	139.8	139.8	139.7	139.4	139.7	139.8	139.8	139.3	139.8	139.8
47°	137.6	138.1	138.1	138.0	137.8	138.0	138.1	138.1	137.6	138.1	138.1
47.5°	136.0	136.4	136.5	136.4	136.1	136.4	136.5	136.4	136.0	136.4	136.5
48°	134.3	134.8	134.8	134.8	134.4	134.8	134.8	134.8	134.3	134.8	134.8
48.5°	132.7	133.1	133.1	133.1	132.8	133.1	133.1	133.1	132.7	133.1	133.1
49°	131.0	131.4	131.4	131.4	131.0	131.4	131.4	131.4	131.0	131.4	131.4
49.5°	129.3	129.7	129.8	129.7	129.4	129.7	129.8	129.7	129.3	129.7	129.8
50°	127.6	128.0	128.1	128.1	127.7	128.1	128.1	128.0	127.6	128.0	128.1
50.5°	126.0	126.3	126.4	126.4	126.0	126.4	126.4	126.3	126.0	126.3	126.4
51°	124.4	124.6	124.7	124.6	124.3	124.6	124.7	124.6	124.4	124.6	124.7
51.5°	122.7	122.9	123.0	123.0	122.6	123.0	123.0	122.9	122.7	122.9	123.0
52°	121.0	121.2	121.3	121.3	120.9	121.3	121.3	121.2	121.0	121.2	121.3
52.5°	119.3	119.4	119.6	119.6	119.1	119.6	119.6	119.4	119.3	119.4	119.6
53°	117.6	117.7	117.8	117.9	117.4	117.9	117.8	117.7	117.6	117.7	117.8
53.5°	115.9	115.9	116.1	116.2	115.7	116.2	116.1	115.9	115.9	115.9	116.1
54°	114.2	114.2	114.4	114.5	113.9	114.5	114.4	114.2	114.2	114.2	114.4
54.5°	112.5	112.5	112.7	112.8	112.2	112.8	112.7	112.5	112.5	112.5	112.7
55°	110.7	110.7	110.9	111.0	110.5	111.0	110.9	110.7	110.7	110.7	110.9
55.5°	109.0	109.0	109.2	109.3	108.7	109.3	109.2	109.0	109.0	109.0	109.2
56°	107.2	107.2	107.4	107.6	107.0	107.6	107.4	107.2	107.2	107.2	107.4
56.5°	105.5	105.5	105.7	105.8	105.2	105.8	105.7	105.5	105.5	105.5	105.7
57°	103.7	103.8	103.9	104.1	103.5	104.1	103.9	103.8	103.7	103.8	103.9
57.5°	101.9	102.0	102.2	102.3	101.7	102.3	102.2	102.0	101.9	102.0	102.2
58°	100.2	100.2	100.4	100.6	100.0	100.6	100.4	100.2	100.2	100.2	100.4
58.5°	98.5	98.5	98.7	98.8	98.3	98.8	98.7	98.5	98.5	98.5	98.7
59°	96.7	96.8	96.9	97.1	96.5	97.1	96.9	96.8	96.7	96.8	96.9
59.5°	94.9	95.0	95.2	95.3	94.8	95.3	95.2	95.0	94.9	95.0	95.2
60°	93.2	93.3	93.4	93.5	93.1	93.5	93.4	93.3	93.2	93.3	93.4
60.5°	91.5	91.5	91.6	91.7	91.4	91.7	91.6	91.5	91.5	91.5	91.6
61°	89.7	89.8	89.9	90.0	89.6	90.0	89.9	89.8	89.7	89.8	89.9
61.5°	87.9	88.0	88.1	88.2	87.9	88.2	88.1	88.0	87.9	88.0	88.1
62°	86.1	86.3	86.3	86.5	86.2	86.5	86.3	86.3	86.1	86.3	86.3
62.5°	84.3	84.5	84.6	84.7	84.5	84.7	84.6	84.5	84.3	84.5	84.6
63°	82.5	82.8	82.8	82.9	82.7	82.9	82.8	82.8	82.5	82.8	82.8
63.5°	80.8	81.0	81.0	81.1	81.0	81.1	81.0	81.0	80.8	81.0	81.0
64°	79.0	79.3	79.2	79.3	79.2	79.3	79.2	79.3	79.0	79.3	79.2
64.5°	77.2	77.6	77.5	77.5	77.5	77.5	77.5	77.6	77.2	77.6	77.5
65°	75.4	75.8	75.7	75.7	75.8	75.7	75.7	75.8	75.4	75.8	75.7
65.5°	73.6	74.1	73.9	74.0	74.1	74.0	73.9	74.1	73.6	74.1	73.9
66°	71.9	72.3	72.2	72.2	72.3	72.2	72.2	72.3	71.9	72.3	72.2
66.5°	70.1	70.5	70.4	70.4	70.6	70.4	70.4	70.5	70.1	70.5	70.4
67°	68.3	68.7	68.7	68.7	68.9	68.7	68.7	68.7	68.3	68.7	68.7

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

Scaled Data Report

TEST NUMBER: P1596603
CATALOG NUMBER: HLB2SLSFS5-LO-2700K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	66.6	67.0	66.9	66.9	67.1	66.9	66.9	67.0	66.6	67.0	66.9
68°	64.8	65.3	65.2	65.1	65.4	65.1	65.2	65.3	64.8	65.3	65.2
68.5°	63.0	63.6	63.4	63.4	63.7	63.4	63.4	63.6	63.0	63.6	63.4
69°	61.3	61.8	61.7	61.6	62.0	61.6	61.7	61.8	61.3	61.8	61.7
69.5°	59.5	60.1	60.0	59.9	60.2	59.9	60.0	60.1	59.5	60.1	60.0
70°	57.8	58.4	58.3	58.2	58.5	58.2	58.3	58.4	57.8	58.4	58.3
70.5°	56.1	56.7	56.6	56.4	56.8	56.4	56.6	56.7	56.1	56.7	56.6
71°	54.4	55.0	54.9	54.7	55.1	54.7	54.9	55.0	54.4	55.0	54.9
71.5°	52.7	53.3	53.2	53.0	53.4	53.0	53.2	53.3	52.7	53.3	53.2
72°	51.0	51.6	51.5	51.4	51.7	51.4	51.5	51.6	51.0	51.6	51.5
72.5°	49.3	50.0	49.8	49.7	50.1	49.7	49.8	50.0	49.3	50.0	49.8
73°	47.6	48.3	48.2	48.0	48.4	48.0	48.2	48.3	47.6	48.3	48.2
73.5°	46.0	46.6	46.5	46.4	46.7	46.4	46.5	46.6	46.0	46.6	46.5
74°	44.4	45.0	44.9	44.7	45.1	44.7	44.9	45.0	44.4	45.0	44.9
74.5°	42.8	43.4	43.3	43.1	43.5	43.1	43.3	43.4	42.8	43.4	43.3
75°	41.2	41.7	41.7	41.5	41.8	41.5	41.7	41.7	41.2	41.7	41.7
75.5°	39.6	40.1	40.0	39.9	40.2	39.9	40.0	40.1	39.6	40.1	40.0
76°	38.0	38.4	38.4	38.3	38.5	38.3	38.4	38.4	38.0	38.4	38.4
76.5°	36.4	36.8	36.8	36.7	36.9	36.7	36.8	36.8	36.4	36.8	36.8
77°	34.8	35.2	35.2	35.1	35.3	35.1	35.2	35.2	34.8	35.2	35.2
77.5°	33.2	33.6	33.6	33.5	33.7	33.5	33.6	33.6	33.2	33.6	33.6
78°	31.7	32.0	32.0	32.0	32.1	32.0	32.0	32.0	31.7	32.0	32.0
78.5°	30.1	30.4	30.6	30.3	30.6	30.3	30.6	30.4	30.1	30.4	30.6
79°	28.5	28.8	29.0	28.8	29.0	28.8	29.0	28.8	28.5	28.8	29.0
79.5°	27.0	27.2	27.4	27.2	27.4	27.2	27.4	27.2	27.0	27.2	27.4
80°	25.4	25.7	25.8	25.7	25.8	25.7	25.8	25.7	25.4	25.7	25.8
80.5°	23.9	24.1	24.2	24.2	24.2	24.2	24.2	24.1	23.9	24.1	24.2
81°	22.4	22.6	22.7	22.7	22.7	22.7	22.7	22.6	22.4	22.6	22.7
81.5°	20.9	21.0	21.1	21.1	21.1	21.1	21.1	21.0	20.9	21.0	21.1
82°	19.4	19.5	19.6	19.6	19.6	19.6	19.6	19.5	19.4	19.5	19.6
82.5°	17.9	18.0	18.1	18.1	18.1	18.1	18.1	18.0	17.9	18.0	18.1
83°	16.4	16.5	16.6	16.6	16.6	16.6	16.6	16.5	16.4	16.5	16.6
83.5°	14.9	14.9	15.1	15.1	15.1	15.1	15.1	14.9	14.9	14.9	15.1
84°	13.5	13.5	13.7	13.7	13.6	13.7	13.7	13.5	13.5	13.5	13.7
84.5°	12.1	12.0	12.2	12.2	12.2	12.2	12.2	12.0	12.1	12.0	12.2
85°	10.6	10.6	10.7	10.8	10.7	10.8	10.7	10.6	10.6	10.6	10.7
85.5°	9.2	9.2	9.3	9.3	9.3	9.3	9.3	9.2	9.2	9.2	9.3
86°	7.8	7.8	7.9	7.9	7.9	7.9	7.9	7.8	7.8	7.8	7.9
86.5°	6.4	6.3	6.4	6.5	6.5	6.5	6.4	6.3	6.4	6.3	6.4
87°	5.0	5.0	5.0	5.3	5.1	5.3	5.0	5.0	5.0	5.0	5.0
87.5°	3.6	3.6	3.8	4.0	3.7	4.0	3.8	3.6	3.6	3.6	3.8
88°	2.3	2.4	2.6	2.9	2.5	2.9	2.6	2.4	2.3	2.4	2.6
88.5°	1.4	1.5	1.6	1.9	1.7	1.9	1.6	1.5	1.4	1.5	1.6
89°	0.8	0.9	0.9	1.2	1.3	1.2	0.9	0.9	0.8	0.9	0.9
89.5°	0.4	0.4	0.5	0.6	0.9	0.6	0.5	0.4	0.4	0.4	0.5

Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report

TEST NUMBER: P1596603
CATALOG NUMBER: HLB2SLSFS5-LO-2700K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
90°	0.0	0.2	0.2	0.3	0.5	0.3	0.2	0.2	0.0	0.2	0.2
90.5°	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
91°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.5°	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
105.5°	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1
106°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
106.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
107°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
107.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
108°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
108.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
109°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
109.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
110°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
110.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
111°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
111.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
112°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

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Scaled Data Report

TEST NUMBER: P1596603
CATALOG NUMBER: HLB2SLSFS5-LO-2700K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
112.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
113°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
113.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
114°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
114.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
115°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
115.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
116°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
116.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
117°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
117.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
118°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
118.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
119°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
119.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
120°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
120.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
121°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
121.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
122°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
122.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
123°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
123.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
124°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
124.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
125°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
125.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
126°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
126.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
127°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
127.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
128°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
128.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
129°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
129.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
130°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
130.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
131°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
131.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
132°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
132.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
133°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
133.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
134°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
134.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

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

Scaled Data Report

TEST NUMBER: P1596603
CATALOG NUMBER: HLB2SLSFS5-LO-2700K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
135°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
135.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
136°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
136.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
137°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
137.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
138°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
138.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
139°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
139.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
140°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
140.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
141°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
141.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
142°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
142.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
143°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
143.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
144°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
144.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
145°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
145.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
146°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
146.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
147°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
147.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
148°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
148.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
149°	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.1
149.5°	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.1
150°	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.2
150.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
151°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
151.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
152°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
152.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
153°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
153.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
154°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
154.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
155°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
155.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
156°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
156.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
157°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

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

Scaled Data Report

TEST NUMBER: P1596603
CATALOG NUMBER: HLB2SLSFS5-LO-2700K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
157.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
158°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
158.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
159°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
159.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
160°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
160.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
161°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
161.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
162°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
162.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
163°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
163.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
164°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
164.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
165°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
165.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
166°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
166.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
167°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
167.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
168°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
168.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
169°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
169.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
170°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
170.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
171°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
171.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
172°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
172.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
173°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
173.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
174°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
174.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
175°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
175.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
176°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
176.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
177°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
177.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
178°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
178.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
179°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
179.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

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

Scaled Data Report

TEST NUMBER: P1596603
CATALOG NUMBER: HLB2SLSFS5-LO-2700K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
180°	*0.2*	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

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

Scaled Data Report

TEST NUMBER: P1596603
CATALOG NUMBER: HLB2SLSFS5-LO-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	*232.4*	*232.4*	*232.4*	*232.4*	*232.4*	*232.4*
0.5°	232.4	232.4	232.4	232.3	232.4	232.4
1°	232.4	232.4	232.4	232.3	232.4	232.4
1.5°	232.2	232.3	232.2	232.3	232.3	232.3
2°	232.1	232.2	232.1	232.2	232.2	232.2
2.5°	232.1	232.1	232.1	232.1	232.2	232.2
3°	232.0	232.0	232.0	232.0	232.0	232.1
3.5°	231.8	231.9	231.8	231.8	231.8	231.9
4°	231.6	231.6	231.6	231.6	231.6	231.7
4.5°	231.4	231.4	231.4	231.5	231.5	231.5
5°	231.2	231.3	231.2	231.2	231.3	231.3
5.5°	231.0	231.0	231.0	231.0	231.0	231.1
6°	230.7	230.6	230.7	230.7	230.7	230.7
6.5°	230.4	230.4	230.4	230.4	230.4	230.4
7°	230.1	230.1	230.1	230.1	230.1	230.1
7.5°	229.7	229.7	229.7	229.8	229.8	229.8
8°	229.4	229.3	229.4	229.4	229.4	229.4
8.5°	229.0	229.0	229.0	229.0	229.0	228.9
9°	228.5	228.5	228.5	228.5	228.6	228.5
9.5°	228.0	227.9	228.0	228.1	228.1	228.1
10°	227.5	227.5	227.5	227.6	227.6	227.7
10.5°	227.1	227.1	227.1	227.1	227.1	227.1
11°	226.6	226.5	226.6	226.6	226.7	226.5
11.5°	226.0	226.0	226.0	226.1	226.1	225.9
12°	225.4	225.3	225.4	225.5	225.5	225.4
12.5°	224.9	224.7	224.9	224.9	224.9	224.8
13°	224.3	224.1	224.3	224.3	224.3	224.2
13.5°	223.6	223.5	223.6	223.7	223.6	223.4
14°	222.9	222.8	222.9	222.9	222.9	222.8
14.5°	222.2	222.1	222.2	222.3	222.2	222.1
15°	221.5	221.4	221.5	221.6	221.5	221.4
15.5°	220.7	220.6	220.7	220.8	220.8	220.6
16°	220.0	219.8	220.0	220.0	220.0	219.8
16.5°	219.2	219.0	219.2	219.3	219.2	219.0
17°	218.4	218.2	218.4	218.5	218.4	218.2
17.5°	217.6	217.4	217.6	217.7	217.5	217.4
18°	216.7	216.4	216.7	216.8	216.6	216.5
18.5°	215.8	215.6	215.8	215.9	215.8	215.6
19°	214.9	214.7	214.9	215.0	214.9	214.6
19.5°	214.0	213.8	214.0	214.1	214.0	213.7
20°	213.0	212.8	213.0	213.1	213.0	212.8
20.5°	212.1	211.9	212.1	212.1	212.0	211.9
21°	211.1	210.9	211.1	211.2	211.1	210.8
21.5°	210.1	209.8	210.1	210.2	210.0	209.8
22°	209.0	208.8	209.0	209.1	209.0	208.8

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

Scaled Data Report

TEST NUMBER: P1596603
CATALOG NUMBER: HLB2SLSFS5-LO-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	208.0	207.7	208.0	208.1	208.0	207.7
23°	206.9	206.6	206.9	207.1	206.9	206.6
23.5°	205.8	205.6	205.8	206.0	205.9	205.6
24°	204.7	204.5	204.7	204.8	204.7	204.4
24.5°	203.6	203.3	203.6	203.7	203.6	203.3
25°	202.5	202.1	202.5	202.6	202.4	202.1
25.5°	201.3	201.0	201.3	201.4	201.2	201.0
26°	200.2	199.8	200.2	200.2	200.1	199.8
26.5°	199.0	198.6	199.0	199.0	198.9	198.6
27°	197.8	197.4	197.8	197.8	197.7	197.3
27.5°	196.5	196.1	196.5	196.6	196.5	196.2
28°	195.2	194.8	195.2	195.3	195.2	194.8
28.5°	194.0	193.6	194.0	194.1	193.9	193.6
29°	192.7	192.3	192.7	192.8	192.6	192.3
29.5°	191.4	191.0	191.4	191.5	191.3	191.0
30°	190.1	189.7	190.1	190.2	190.0	189.7
30.5°	188.7	188.4	188.7	188.9	188.7	188.4
31°	187.4	187.1	187.4	187.5	187.3	187.0
31.5°	186.0	185.8	186.0	186.1	186.0	185.6
32°	184.7	184.3	184.7	184.7	184.6	184.2
32.5°	183.3	182.9	183.3	183.4	183.2	182.9
33°	181.9	181.5	181.9	182.0	181.8	181.5
33.5°	180.4	180.1	180.4	180.5	180.3	180.0
34°	179.0	178.6	179.0	179.1	179.0	178.6
34.5°	177.6	177.2	177.6	177.6	177.5	177.1
35°	176.1	175.8	176.1	176.2	176.1	175.6
35.5°	174.6	174.3	174.6	174.7	174.6	174.2
36°	173.1	172.8	173.1	173.2	173.1	172.7
36.5°	171.6	171.3	171.6	171.6	171.6	171.2
37°	170.1	169.8	170.1	170.2	170.1	169.7
37.5°	168.6	168.3	168.6	168.7	168.6	168.2
38°	167.1	166.7	167.1	167.1	167.0	166.6
38.5°	165.6	165.2	165.6	165.6	165.5	165.1
39°	164.0	163.6	164.0	164.1	164.0	163.5
39.5°	162.4	162.0	162.4	162.5	162.4	162.0
40°	160.9	160.5	160.9	161.0	160.8	160.4
40.5°	159.3	158.9	159.3	159.3	159.3	158.8
41°	157.7	157.3	157.7	157.7	157.7	157.2
41.5°	156.1	155.7	156.1	156.1	156.1	155.6
42°	154.5	154.1	154.5	154.5	154.5	154.0
42.5°	152.9	152.5	152.9	152.9	152.9	152.4
43°	151.2	150.9	151.2	151.3	151.3	150.8
43.5°	149.6	149.3	149.6	149.7	149.7	149.1
44°	148.0	147.7	148.0	148.0	148.0	147.5
44.5°	146.4	146.1	146.4	146.4	146.3	145.9

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

Scaled Data Report

TEST NUMBER: P1596603
CATALOG NUMBER: HLB2SLSFS5-LO-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	144.7	144.4	144.7	144.8	144.7	144.2
45.5°	143.0	142.8	143.0	143.1	143.1	142.6
46°	141.4	141.1	141.4	141.5	141.4	141.0
46.5°	139.7	139.4	139.7	139.8	139.8	139.3
47°	138.0	137.8	138.0	138.1	138.1	137.6
47.5°	136.4	136.1	136.4	136.5	136.4	136.0
48°	134.8	134.4	134.8	134.8	134.8	134.3
48.5°	133.1	132.8	133.1	133.1	133.1	132.7
49°	131.4	131.0	131.4	131.4	131.4	131.0
49.5°	129.7	129.4	129.7	129.8	129.7	129.3
50°	128.1	127.7	128.1	128.1	128.0	127.6
50.5°	126.4	126.0	126.4	126.4	126.3	126.0
51°	124.6	124.3	124.6	124.7	124.6	124.4
51.5°	123.0	122.6	123.0	123.0	122.9	122.7
52°	121.3	120.9	121.3	121.3	121.2	121.0
52.5°	119.6	119.1	119.6	119.6	119.4	119.3
53°	117.9	117.4	117.9	117.8	117.7	117.6
53.5°	116.2	115.7	116.2	116.1	115.9	115.9
54°	114.5	113.9	114.5	114.4	114.2	114.2
54.5°	112.8	112.2	112.8	112.7	112.5	112.5
55°	111.0	110.5	111.0	110.9	110.7	110.7
55.5°	109.3	108.7	109.3	109.2	109.0	109.0
56°	107.6	107.0	107.6	107.4	107.2	107.2
56.5°	105.8	105.2	105.8	105.7	105.5	105.5
57°	104.1	103.5	104.1	103.9	103.8	103.7
57.5°	102.3	101.7	102.3	102.2	102.0	101.9
58°	100.6	100.0	100.6	100.4	100.2	100.2
58.5°	98.8	98.3	98.8	98.7	98.5	98.5
59°	97.1	96.5	97.1	96.9	96.8	96.7
59.5°	95.3	94.8	95.3	95.2	95.0	94.9
60°	93.5	93.1	93.5	93.4	93.3	93.2
60.5°	91.7	91.4	91.7	91.6	91.5	91.5
61°	90.0	89.6	90.0	89.9	89.8	89.7
61.5°	88.2	87.9	88.2	88.1	88.0	87.9
62°	86.5	86.2	86.5	86.3	86.3	86.1
62.5°	84.7	84.5	84.7	84.6	84.5	84.3
63°	82.9	82.7	82.9	82.8	82.8	82.5
63.5°	81.1	81.0	81.1	81.0	81.0	80.8
64°	79.3	79.2	79.3	79.2	79.3	79.0
64.5°	77.5	77.5	77.5	77.5	77.6	77.2
65°	75.7	75.8	75.7	75.7	75.8	75.4
65.5°	74.0	74.1	74.0	73.9	74.1	73.6
66°	72.2	72.3	72.2	72.2	72.3	71.9
66.5°	70.4	70.6	70.4	70.4	70.5	70.1
67°	68.7	68.9	68.7	68.7	68.7	68.3

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

Scaled Data Report

TEST NUMBER: P1596603
CATALOG NUMBER: HLB2SLSFS5-LO-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	66.9	67.1	66.9	66.9	67.0	66.6
68°	65.1	65.4	65.1	65.2	65.3	64.8
68.5°	63.4	63.7	63.4	63.4	63.6	63.0
69°	61.6	62.0	61.6	61.7	61.8	61.3
69.5°	59.9	60.2	59.9	60.0	60.1	59.5
70°	58.2	58.5	58.2	58.3	58.4	57.8
70.5°	56.4	56.8	56.4	56.6	56.7	56.1
71°	54.7	55.1	54.7	54.9	55.0	54.4
71.5°	53.0	53.4	53.0	53.2	53.3	52.7
72°	51.4	51.7	51.4	51.5	51.6	51.0
72.5°	49.7	50.1	49.7	49.8	50.0	49.3
73°	48.0	48.4	48.0	48.2	48.3	47.6
73.5°	46.4	46.7	46.4	46.5	46.6	46.0
74°	44.7	45.1	44.7	44.9	45.0	44.4
74.5°	43.1	43.5	43.1	43.3	43.4	42.8
75°	41.5	41.8	41.5	41.7	41.7	41.2
75.5°	39.9	40.2	39.9	40.0	40.1	39.6
76°	38.3	38.5	38.3	38.4	38.4	38.0
76.5°	36.7	36.9	36.7	36.8	36.8	36.4
77°	35.1	35.3	35.1	35.2	35.2	34.8
77.5°	33.5	33.7	33.5	33.6	33.6	33.2
78°	32.0	32.1	32.0	32.0	32.0	31.7
78.5°	30.3	30.6	30.3	30.6	30.4	30.1
79°	28.8	29.0	28.8	29.0	28.8	28.5
79.5°	27.2	27.4	27.2	27.4	27.2	27.0
80°	25.7	25.8	25.7	25.8	25.7	25.4
80.5°	24.2	24.2	24.2	24.2	24.1	23.9
81°	22.7	22.7	22.7	22.7	22.6	22.4
81.5°	21.1	21.1	21.1	21.1	21.0	20.9
82°	19.6	19.6	19.6	19.6	19.5	19.4
82.5°	18.1	18.1	18.1	18.1	18.0	17.9
83°	16.6	16.6	16.6	16.6	16.5	16.4
83.5°	15.1	15.1	15.1	15.1	14.9	14.9
84°	13.7	13.6	13.7	13.7	13.5	13.5
84.5°	12.2	12.2	12.2	12.2	12.0	12.1
85°	10.8	10.7	10.8	10.7	10.6	10.6
85.5°	9.3	9.3	9.3	9.3	9.2	9.2
86°	7.9	7.9	7.9	7.9	7.8	7.8
86.5°	6.5	6.5	6.5	6.4	6.3	6.4
87°	5.3	5.1	5.3	5.0	5.0	5.0
87.5°	4.0	3.7	4.0	3.8	3.6	3.6
88°	2.9	2.5	2.9	2.6	2.4	2.3
88.5°	1.9	1.7	1.9	1.6	1.5	1.4
89°	1.2	1.3	1.2	0.9	0.9	0.8
89.5°	0.6	0.9	0.6	0.5	0.4	0.4

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

Scaled Data Report

TEST NUMBER: P1596603
CATALOG NUMBER: HLB2SLSFS5-LO-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
90°	0.3	0.5	0.3	0.2	0.2	0.0
90.5°	0.0	0.1	0.0	0.0	0.0	0.0
91°	0.0	0.0	0.0	0.0	0.0	0.0
91.5°	0.0	0.0	0.0	0.0	0.0	0.0
92°	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0
93°	0.0	0.0	0.0	0.0	0.0	0.0
93.5°	0.0	0.0	0.0	0.0	0.0	0.0
94°	0.0	0.0	0.0	0.0	0.0	0.0
94.5°	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0
95.5°	0.0	0.0	0.0	0.0	0.0	0.0
96°	0.0	0.0	0.0	0.0	0.0	0.0
96.5°	0.0	0.0	0.0	0.0	0.0	0.0
97°	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0
98°	0.0	0.0	0.0	0.0	0.0	0.0
98.5°	0.0	0.0	0.0	0.0	0.0	0.0
99°	0.0	0.0	0.0	0.0	0.0	0.0
99.5°	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0
100.5°	0.0	0.0	0.0	0.0	0.0	0.0
101°	0.0	0.0	0.0	0.0	0.0	0.0
101.5°	0.0	0.0	0.0	0.0	0.0	0.0
102°	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0
103°	0.0	0.0	0.0	0.0	0.0	0.0
103.5°	0.0	0.0	0.0	0.0	0.0	0.0
104°	0.0	0.0	0.0	0.0	0.0	0.0
104.5°	0.1	0.1	0.1	0.0	0.0	0.0
105°	0.1	0.1	0.1	0.0	0.0	0.0
105.5°	0.1	0.1	0.1	0.1	0.0	0.0
106°	0.1	0.1	0.1	0.1	0.1	0.1
106.5°	0.1	0.1	0.1	0.1	0.1	0.1
107°	0.1	0.1	0.1	0.1	0.1	0.1
107.5°	0.1	0.1	0.1	0.1	0.1	0.1
108°	0.1	0.1	0.1	0.1	0.1	0.1
108.5°	0.1	0.1	0.1	0.1	0.1	0.1
109°	0.1	0.1	0.1	0.1	0.1	0.1
109.5°	0.1	0.1	0.1	0.1	0.1	0.1
110°	0.1	0.1	0.1	0.1	0.1	0.1
110.5°	0.1	0.1	0.1	0.1	0.1	0.1
111°	0.1	0.1	0.1	0.1	0.1	0.1
111.5°	0.1	0.1	0.1	0.1	0.1	0.1
112°	0.1	0.1	0.1	0.1	0.1	0.1

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

Scaled Data Report

TEST NUMBER: P1596603
CATALOG NUMBER: HLB2SLSFS5-LO-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
112.5°	0.1	0.1	0.1	0.1	0.1	0.1
113°	0.1	0.1	0.1	0.1	0.1	0.1
113.5°	0.1	0.1	0.1	0.1	0.1	0.1
114°	0.1	0.1	0.1	0.1	0.1	0.1
114.5°	0.1	0.1	0.1	0.1	0.1	0.1
115°	0.1	0.1	0.1	0.1	0.1	0.1
115.5°	0.1	0.1	0.1	0.1	0.1	0.1
116°	0.1	0.1	0.1	0.1	0.1	0.1
116.5°	0.1	0.1	0.1	0.1	0.1	0.1
117°	0.1	0.1	0.1	0.1	0.1	0.1
117.5°	0.1	0.1	0.1	0.1	0.1	0.1
118°	0.1	0.1	0.1	0.1	0.1	0.1
118.5°	0.1	0.1	0.1	0.1	0.1	0.1
119°	0.1	0.1	0.1	0.1	0.1	0.1
119.5°	0.1	0.1	0.1	0.1	0.1	0.1
120°	0.1	0.1	0.1	0.1	0.1	0.1
120.5°	0.1	0.1	0.1	0.1	0.1	0.1
121°	0.1	0.1	0.1	0.1	0.1	0.1
121.5°	0.1	0.1	0.1	0.1	0.1	0.1
122°	0.1	0.1	0.1	0.1	0.1	0.1
122.5°	0.1	0.1	0.1	0.1	0.1	0.1
123°	0.1	0.1	0.1	0.1	0.1	0.1
123.5°	0.1	0.1	0.1	0.1	0.1	0.1
124°	0.1	0.1	0.1	0.1	0.1	0.1
124.5°	0.1	0.1	0.1	0.1	0.1	0.1
125°	0.1	0.1	0.1	0.1	0.1	0.1
125.5°	0.1	0.1	0.1	0.1	0.1	0.1
126°	0.1	0.1	0.1	0.1	0.1	0.1
126.5°	0.1	0.1	0.1	0.1	0.1	0.1
127°	0.1	0.1	0.1	0.1	0.1	0.1
127.5°	0.1	0.1	0.1	0.1	0.1	0.1
128°	0.1	0.1	0.1	0.1	0.1	0.1
128.5°	0.1	0.1	0.1	0.1	0.1	0.1
129°	0.1	0.1	0.1	0.1	0.1	0.1
129.5°	0.1	0.1	0.1	0.1	0.1	0.1
130°	0.1	0.1	0.1	0.1	0.1	0.1
130.5°	0.1	0.1	0.1	0.1	0.1	0.1
131°	0.1	0.1	0.1	0.1	0.1	0.1
131.5°	0.1	0.1	0.1	0.1	0.1	0.1
132°	0.1	0.1	0.1	0.1	0.1	0.1
132.5°	0.1	0.1	0.1	0.1	0.1	0.1
133°	0.1	0.1	0.1	0.1	0.1	0.1
133.5°	0.1	0.1	0.1	0.1	0.1	0.1
134°	0.1	0.1	0.1	0.1	0.1	0.1
134.5°	0.1	0.1	0.1	0.1	0.1	0.1

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

Scaled Data Report

TEST NUMBER: P1596603
CATALOG NUMBER: HLB2SLSFS5-LO-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
135°	0.1	0.1	0.1	0.1	0.1	0.1
135.5°	0.1	0.1	0.1	0.1	0.1	0.1
136°	0.1	0.1	0.1	0.1	0.1	0.1
136.5°	0.1	0.1	0.1	0.1	0.1	0.1
137°	0.1	0.1	0.1	0.1	0.1	0.1
137.5°	0.1	0.1	0.1	0.1	0.1	0.1
138°	0.1	0.1	0.1	0.1	0.1	0.1
138.5°	0.1	0.1	0.1	0.1	0.1	0.1
139°	0.1	0.1	0.1	0.1	0.1	0.1
139.5°	0.1	0.1	0.1	0.1	0.1	0.1
140°	0.1	0.1	0.1	0.1	0.1	0.1
140.5°	0.1	0.1	0.1	0.1	0.1	0.1
141°	0.1	0.1	0.1	0.1	0.1	0.1
141.5°	0.1	0.1	0.1	0.1	0.1	0.1
142°	0.1	0.1	0.1	0.1	0.1	0.1
142.5°	0.1	0.1	0.1	0.1	0.1	0.1
143°	0.1	0.1	0.1	0.1	0.1	0.1
143.5°	0.1	0.1	0.1	0.1	0.1	0.1
144°	0.1	0.1	0.1	0.1	0.1	0.1
144.5°	0.1	0.1	0.1	0.1	0.1	0.1
145°	0.1	0.1	0.1	0.1	0.1	0.1
145.5°	0.1	0.1	0.1	0.1	0.1	0.1
146°	0.1	0.1	0.1	0.1	0.1	0.1
146.5°	0.1	0.1	0.1	0.1	0.1	0.1
147°	0.1	0.1	0.1	0.1	0.1	0.1
147.5°	0.1	0.1	0.1	0.1	0.1	0.1
148°	0.1	0.1	0.1	0.1	0.1	0.1
148.5°	0.1	0.1	0.1	0.1	0.1	0.1
149°	0.2	0.1	0.2	0.1	0.1	0.1
149.5°	0.2	0.1	0.2	0.1	0.1	0.1
150°	0.2	0.2	0.2	0.2	0.1	0.1
150.5°	0.2	0.2	0.2	0.2	0.2	0.2
151°	0.2	0.2	0.2	0.2	0.2	0.2
151.5°	0.2	0.2	0.2	0.2	0.2	0.2
152°	0.2	0.2	0.2	0.2	0.2	0.2
152.5°	0.2	0.2	0.2	0.2	0.2	0.2
153°	0.2	0.2	0.2	0.2	0.2	0.2
153.5°	0.2	0.2	0.2	0.2	0.2	0.2
154°	0.2	0.2	0.2	0.2	0.2	0.2
154.5°	0.2	0.2	0.2	0.2	0.2	0.2
155°	0.2	0.2	0.2	0.2	0.2	0.2
155.5°	0.2	0.2	0.2	0.2	0.2	0.2
156°	0.2	0.2	0.2	0.2	0.2	0.2
156.5°	0.2	0.2	0.2	0.2	0.2	0.2
157°	0.2	0.2	0.2	0.2	0.2	0.2

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

Scaled Data Report

TEST NUMBER: P1596603
CATALOG NUMBER: HLB2SLSFS5-LO-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
157.5°	0.2	0.2	0.2	0.2	0.2	0.2
158°	0.2	0.2	0.2	0.2	0.2	0.2
158.5°	0.2	0.2	0.2	0.2	0.2	0.2
159°	0.2	0.2	0.2	0.2	0.2	0.2
159.5°	0.2	0.2	0.2	0.2	0.2	0.2
160°	0.2	0.2	0.2	0.2	0.2	0.2
160.5°	0.2	0.2	0.2	0.2	0.2	0.2
161°	0.2	0.2	0.2	0.2	0.2	0.2
161.5°	0.2	0.2	0.2	0.2	0.2	0.2
162°	0.2	0.2	0.2	0.2	0.2	0.2
162.5°	0.2	0.2	0.2	0.2	0.2	0.2
163°	0.2	0.2	0.2	0.2	0.2	0.2
163.5°	0.2	0.2	0.2	0.2	0.2	0.2
164°	0.2	0.2	0.2	0.2	0.2	0.2
164.5°	0.2	0.2	0.2	0.2	0.2	0.2
165°	0.2	0.2	0.2	0.2	0.2	0.2
165.5°	0.2	0.2	0.2	0.2	0.2	0.2
166°	0.2	0.2	0.2	0.2	0.2	0.2
166.5°	0.2	0.2	0.2	0.2	0.2	0.2
167°	0.2	0.2	0.2	0.2	0.2	0.2
167.5°	0.2	0.2	0.2	0.2	0.2	0.2
168°	0.2	0.2	0.2	0.2	0.2	0.2
168.5°	0.2	0.2	0.2	0.2	0.2	0.2
169°	0.2	0.2	0.2	0.2	0.2	0.2
169.5°	0.2	0.2	0.2	0.2	0.2	0.2
170°	0.2	0.2	0.2	0.2	0.2	0.2
170.5°	0.2	0.2	0.2	0.2	0.2	0.2
171°	0.2	0.2	0.2	0.2	0.2	0.2
171.5°	0.2	0.2	0.2	0.2	0.2	0.2
172°	0.2	0.2	0.2	0.2	0.2	0.2
172.5°	0.2	0.2	0.2	0.2	0.2	0.2
173°	0.2	0.2	0.2	0.2	0.2	0.2
173.5°	0.2	0.2	0.2	0.2	0.2	0.2
174°	0.2	0.2	0.2	0.2	0.2	0.2
174.5°	0.2	0.2	0.2	0.2	0.2	0.2
175°	0.2	0.2	0.2	0.2	0.2	0.2
175.5°	0.2	0.2	0.2	0.2	0.2	0.2
176°	0.2	0.2	0.2	0.2	0.2	0.2
176.5°	0.2	0.2	0.2	0.2	0.2	0.2
177°	0.2	0.2	0.2	0.2	0.2	0.2
177.5°	0.2	0.2	0.2	0.2	0.2	0.2
178°	0.2	0.2	0.2	0.2	0.2	0.2
178.5°	0.2	0.2	0.2	0.2	0.2	0.2
179°	0.2	0.2	0.2	0.2	0.2	0.2
179.5°	0.2	0.2	0.2	0.2	0.2	0.2

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

Scaled Data Report

TEST NUMBER: P1596603
CATALOG NUMBER: HLB2SLSFS5-LO-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
180°	0.2	0.2	0.2	0.2	0.2	0.2

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TEST NUMBER: P1596603
CATALOG NUMBER: HLB2SLSFS5-LO-2700K

CIE UGR TABLE:

Reflectances:											
	Ceiling	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
	Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
	Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	31.32	32.95	31.68	33.26	33.58	31.33	32.96	31.70	33.28	33.60
	3H	33.12	34.59	33.50	34.92	35.28	33.14	34.62	33.52	34.94	35.31
	4H	33.81	35.20	34.21	35.55	35.93	33.84	35.23	34.24	35.58	35.95
	6H	34.34	35.62	34.75	35.99	36.38	34.37	35.66	34.79	36.03	36.42
	8H	34.51	35.74	34.94	36.13	36.53	34.55	35.78	34.97	36.17	36.57
	12H	34.58	35.76	35.01	36.14	36.58	34.62	35.80	35.05	36.18	36.61
4H	2H	31.95	33.34	32.35	33.69	34.07	31.97	33.35	32.36	33.70	34.08
	3H	33.98	35.15	34.39	35.55	35.95	34.00	35.16	34.41	35.56	35.96
	4H	34.81	35.86	35.24	36.28	36.72	34.83	35.88	35.26	36.29	36.73
	6H	35.47	36.39	35.93	36.84	37.29	35.49	36.41	35.95	36.86	37.31
	8H	35.69	36.56	36.16	37.00	37.47	35.72	36.58	36.18	37.02	37.49
	12H	35.82	36.60	36.30	37.08	37.55	35.85	36.63	36.33	37.10	37.57
8H	4H	35.14	36.00	35.60	36.45	36.91	35.15	36.02	35.61	36.46	36.93
	6H	35.93	36.65	36.43	37.14	37.62	35.95	36.67	36.44	37.16	37.63
	8H	36.23	36.87	36.74	37.38	37.87	36.25	36.90	36.76	37.40	37.89
	12H	36.44	37.01	36.94	37.50	38.06	36.46	37.03	36.97	37.52	38.09
12H	4H	35.18	35.96	35.66	36.43	36.90	35.19	35.97	35.67	36.44	36.92
	6H	36.00	36.64	36.51	37.15	37.64	36.01	36.66	36.52	37.17	37.65
	8H	36.35	36.92	36.86	37.41	37.98	36.37	36.94	36.88	37.44	38.00

END OF REPORT