Signify Classified - Internal

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: P1596607

Luminaire Tested: HLB2SLSFS5-LO-5000K

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:	P1596607
	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-5000K
Description:	HLB2 2" SQUARE SLIM LOW GLARE CANLESS LED DOWNLIGHT
Light Source:	5000K CCT, 90 CRI LEDS
Ballast/Driver:	-

Summary

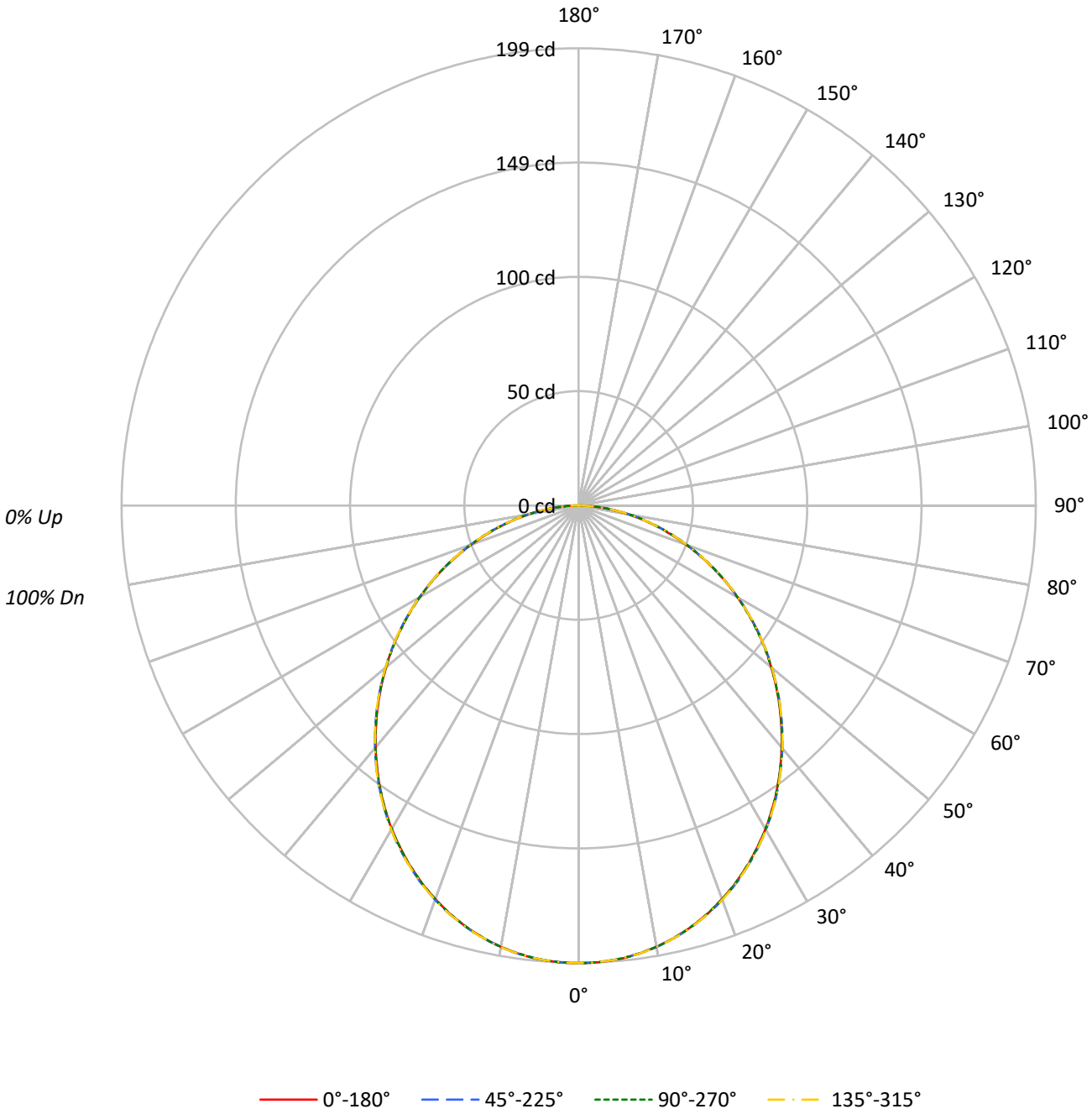
Lumens per Lamp:	N/A
Luminaire Lumens:	539.9 lumens
Efficiency:	N/A
Efficacy:	98.2 lumens/watt
Spacing Criteria (0/90/45):	1.22 / 1.22 / 1.33
Luminous Opening:	Rectangular (W 0.09' x L: 0.09' x H: 0')
CIE Type:	Direct
Input Watts (W):	5.5
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	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°	264713	264713	264713	264713
5°	264390	264390	264390	264390
10°	263264	263129	263264	263129
15°	261119	260981	261119	260981
20°	257943	257943	257943	257943
25°	254102	253955	254102	253955
30°	249503	249503	249503	249503
35°	244150	244313	244150	244313
40°	238525	238699	238525	238699
45°	232284	232660	232284	232660
50°	226170	226377	226170	226377
55°	219867	219404	219867	219404
60°	212355	212089	212355	212089
65°	203442	204386	203442	204386
70°	192326	194658	192326	194658
75°	181244	183811	181244	183811
80°	166829	169125	166829	169125
85°	138749	140274	138749	140274

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 22.5°
Vertical Angle: 45°
Luminance: 233223 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.8	3.5
10°-20°	53.5	9.9
20°-30°	79.9	14.8
30°-40°	94.3	17.5
40°-50°	95.6	17.7
50°-60°	84.9	15.7
60°-70°	64.2	11.9
70°-80°	37.7	7.0
80°-90°	10.5	1.9
90°-100°	0.0	0.0
100°-110°	0.0	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°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	152.2	28.2
0°-40°	246.6	45.7
0°-60°	427.1	79.1
0°-90°	539.5	99.9
90°-120°	0.1	0.0
90°-150°	0.3	0.1
90°-180°	0.0	0.0
0°-180°	539.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	199	199	199	199	199	
5°	198	198	198	198	198	19
15°	190	190	190	190	190	53
25°	173	173	173	173	173	80
35°	150	151	150	151	150	94
45°	124	124	124	124	124	95
55°	95	95	95	95	95	85
65°	65	65	65	65	65	64
75°	35	36	35	36	35	37
85°	9	9	9	9	9	10
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°	199.2	199.2	199.2	199.2	199.2	199.2	199.2	199.2	199.2	199.2	199.2
0.5°	199.2	199.2	199.2	199.2	199.2	199.2	199.2	199.2	199.2	199.2	199.2
1°	199.2	199.2	199.1	199.2	199.2	199.2	199.1	199.2	199.2	199.2	199.1
1.5°	199.1	199.1	199.1	199.1	199.1	199.1	199.1	199.1	199.1	199.1	199.1
2°	199.1	199.1	199.0	198.9	199.0	198.9	199.0	199.1	199.1	199.1	199.0
2.5°	199.0	199.0	198.9	198.9	199.0	198.9	198.9	199.0	199.0	199.0	198.9
3°	198.9	198.9	198.8	198.9	198.8	198.9	198.8	198.9	198.9	198.9	198.8
3.5°	198.7	198.7	198.7	198.7	198.7	198.7	198.7	198.7	198.7	198.7	198.7
4°	198.6	198.5	198.5	198.5	198.5	198.5	198.5	198.5	198.6	198.5	198.5
4.5°	198.4	198.4	198.4	198.4	198.4	198.4	198.4	198.4	198.4	198.4	198.4
5°	198.2	198.3	198.2	198.2	198.2	198.2	198.2	198.3	198.2	198.3	198.2
5.5°	198.1	198.0	198.0	198.0	198.0	198.0	198.0	198.0	198.1	198.0	198.0
6°	197.8	197.8	197.7	197.7	197.7	197.7	197.7	197.8	197.8	197.8	197.7
6.5°	197.5	197.5	197.5	197.5	197.5	197.5	197.5	197.5	197.5	197.5	197.5
7°	197.2	197.2	197.2	197.2	197.2	197.2	197.2	197.2	197.2	197.2	197.2
7.5°	196.9	197.0	197.0	196.9	196.9	196.9	197.0	197.0	196.9	197.0	197.0
8°	196.6	196.7	196.6	196.6	196.5	196.6	196.6	196.7	196.6	196.7	196.6
8.5°	196.2	196.3	196.3	196.3	196.3	196.3	196.3	196.3	196.2	196.3	196.3
9°	195.8	195.9	195.9	195.9	195.8	195.9	195.9	195.9	195.8	195.9	195.9
9.5°	195.5	195.6	195.5	195.5	195.4	195.5	195.5	195.6	195.5	195.6	195.5
10°	195.1	195.1	195.1	195.0	195.0	195.0	195.1	195.1	195.1	195.1	195.1
10.5°	194.6	194.7	194.7	194.7	194.6	194.7	194.7	194.7	194.6	194.7	194.7
11°	194.1	194.3	194.2	194.3	194.2	194.3	194.2	194.3	194.1	194.3	194.2
11.5°	193.7	193.8	193.8	193.7	193.7	193.7	193.8	193.8	193.7	193.8	193.8
12°	193.2	193.3	193.2	193.2	193.1	193.2	193.2	193.3	193.2	193.3	193.2
12.5°	192.7	192.7	192.8	192.7	192.6	192.7	192.8	192.7	192.7	192.7	192.8
13°	192.1	192.3	192.3	192.2	192.1	192.2	192.3	192.3	192.1	192.3	192.3
13.5°	191.5	191.7	191.7	191.7	191.6	191.7	191.7	191.7	191.5	191.7	191.7
14°	190.9	191.1	191.1	191.1	191.0	191.1	191.1	191.1	190.9	191.1	191.1
14.5°	190.4	190.5	190.5	190.5	190.4	190.5	190.5	190.5	190.4	190.5	190.5
15°	189.8	189.9	189.9	189.9	189.7	189.9	189.9	189.9	189.8	189.9	189.9
15.5°	189.1	189.2	189.3	189.2	189.1	189.2	189.3	189.2	189.1	189.2	189.3
16°	188.4	188.6	188.6	188.6	188.4	188.6	188.6	188.6	188.4	188.6	188.6
16.5°	187.7	187.9	187.9	187.9	187.8	187.9	187.9	187.9	187.7	187.9	187.9
17°	187.0	187.2	187.3	187.2	187.0	187.2	187.3	187.2	187.0	187.2	187.3
17.5°	186.4	186.5	186.6	186.5	186.3	186.5	186.6	186.5	186.4	186.5	186.6
18°	185.6	185.7	185.8	185.7	185.5	185.7	185.8	185.7	185.6	185.7	185.8
18.5°	184.8	185.0	185.0	185.0	184.8	185.0	185.0	185.0	184.8	185.0	185.0
19°	184.0	184.2	184.3	184.2	184.0	184.2	184.3	184.2	184.0	184.2	184.3
19.5°	183.2	183.4	183.5	183.4	183.2	183.4	183.5	183.4	183.2	183.4	183.5
20°	182.4	182.5	182.7	182.6	182.4	182.6	182.7	182.5	182.4	182.5	182.7
20.5°	181.6	181.8	181.8	181.8	181.6	181.8	181.8	181.8	181.6	181.8	181.8
21°	180.7	180.9	181.0	180.9	180.7	180.9	181.0	180.9	180.7	180.9	181.0
21.5°	179.8	180.0	180.2	180.0	179.8	180.0	180.2	180.0	179.8	180.0	180.2
22°	179.0	179.1	179.2	179.2	179.0	179.2	179.2	179.1	179.0	179.1	179.2

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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°	178.1	178.2	178.4	178.3	178.1	178.3	178.4	178.2	178.1	178.2	178.4
23°	177.1	177.3	177.5	177.4	177.1	177.4	177.5	177.3	177.1	177.3	177.5
23.5°	176.2	176.5	176.5	176.4	176.2	176.4	176.5	176.5	176.2	176.5	176.5
24°	175.2	175.5	175.6	175.5	175.3	175.5	175.6	175.5	175.2	175.5	175.6
24.5°	174.2	174.5	174.6	174.5	174.2	174.5	174.6	174.5	174.2	174.5	174.6
25°	173.3	173.5	173.6	173.6	173.2	173.6	173.6	173.5	173.3	173.5	173.6
25.5°	172.3	172.5	172.6	172.6	172.3	172.6	172.6	172.5	172.3	172.5	172.6
26°	171.2	171.5	171.6	171.6	171.3	171.6	171.6	171.5	171.2	171.5	171.6
26.5°	170.2	170.5	170.6	170.5	170.2	170.5	170.6	170.5	170.2	170.5	170.6
27°	169.1	169.5	169.5	169.5	169.2	169.5	169.5	169.5	169.1	169.5	169.5
27.5°	168.1	168.4	168.5	168.4	168.1	168.4	168.5	168.4	168.1	168.4	168.5
28°	167.0	167.3	167.4	167.3	167.0	167.3	167.4	167.3	167.0	167.3	167.4
28.5°	165.9	166.2	166.4	166.2	166.0	166.2	166.4	166.2	165.9	166.2	166.4
29°	164.9	165.1	165.3	165.2	164.9	165.2	165.3	165.1	164.9	165.1	165.3
29.5°	163.7	164.0	164.1	164.1	163.8	164.1	164.1	164.0	163.7	164.0	164.1
30°	162.6	162.9	163.0	163.0	162.6	163.0	163.0	162.9	162.6	162.9	163.0
30.5°	161.5	161.7	161.9	161.8	161.5	161.8	161.9	161.7	161.5	161.7	161.9
31°	160.3	160.6	160.7	160.6	160.4	160.6	160.7	160.6	160.3	160.6	160.7
31.5°	159.1	159.4	159.6	159.5	159.2	159.5	159.6	159.4	159.1	159.4	159.6
32°	157.9	158.2	158.3	158.3	158.0	158.3	158.3	158.2	157.9	158.2	158.3
32.5°	156.7	157.0	157.2	157.1	156.8	157.1	157.2	157.0	156.7	157.0	157.2
33°	155.5	155.8	156.0	155.9	155.6	155.9	156.0	155.8	155.5	155.8	156.0
33.5°	154.3	154.6	154.8	154.7	154.4	154.7	154.8	154.6	154.3	154.6	154.8
34°	153.1	153.4	153.5	153.5	153.1	153.5	153.5	153.4	153.1	153.4	153.5
34.5°	151.8	152.2	152.3	152.2	151.9	152.2	152.3	152.2	151.8	152.2	152.3
35°	150.5	150.9	151.0	151.0	150.6	151.0	151.0	150.9	150.5	150.9	151.0
35.5°	149.3	149.6	149.8	149.7	149.4	149.7	149.8	149.6	149.3	149.6	149.8
36°	148.0	148.4	148.5	148.4	148.1	148.4	148.5	148.4	148.0	148.4	148.5
36.5°	146.8	147.1	147.1	147.1	146.8	147.1	147.1	147.1	146.8	147.1	147.1
37°	145.5	145.8	145.9	145.8	145.5	145.8	145.9	145.8	145.5	145.8	145.9
37.5°	144.2	144.5	144.6	144.5	144.2	144.5	144.6	144.5	144.2	144.5	144.6
38°	142.8	143.2	143.3	143.2	142.9	143.2	143.3	143.2	142.8	143.2	143.3
38.5°	141.5	141.9	141.9	141.9	141.6	141.9	141.9	141.9	141.5	141.9	141.9
39°	140.2	140.5	140.6	140.6	140.3	140.6	140.6	140.5	140.2	140.5	140.6
39.5°	138.8	139.2	139.3	139.2	138.9	139.2	139.3	139.2	138.8	139.2	139.3
40°	137.5	137.9	138.0	137.9	137.6	137.9	138.0	137.9	137.5	137.9	138.0
40.5°	136.1	136.5	136.6	136.5	136.2	136.5	136.6	136.5	136.1	136.5	136.6
41°	134.8	135.1	135.2	135.1	134.8	135.1	135.2	135.1	134.8	135.1	135.2
41.5°	133.4	133.8	133.8	133.8	133.4	133.8	133.8	133.8	133.4	133.8	133.8
42°	132.0	132.4	132.5	132.4	132.1	132.4	132.5	132.4	132.0	132.4	132.5
42.5°	130.6	131.0	131.1	131.0	130.7	131.0	131.1	131.0	130.6	131.0	131.1
43°	129.2	129.7	129.7	129.6	129.3	129.6	129.7	129.7	129.2	129.7	129.7
43.5°	127.8	128.3	128.3	128.2	128.0	128.2	128.3	128.3	127.8	128.3	128.3
44°	126.4	126.9	126.8	126.8	126.6	126.8	126.8	126.9	126.4	126.9	126.8
44.5°	125.0	125.4	125.5	125.5	125.2	125.5	125.5	125.4	125.0	125.4	125.5

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	123.6	124.1	124.1	124.0	123.8	124.0	124.1	124.1	123.6	124.1	124.1
45.5°	122.2	122.6	122.7	122.6	122.4	122.6	122.7	122.6	122.2	122.6	122.7
46°	120.8	121.2	121.3	121.2	121.0	121.2	121.3	121.2	120.8	121.2	121.3
46.5°	119.4	119.8	119.8	119.8	119.5	119.8	119.8	119.8	119.4	119.8	119.8
47°	117.9	118.4	118.4	118.3	118.1	118.3	118.4	118.4	117.9	118.4	118.4
47.5°	116.6	116.9	117.0	116.9	116.7	116.9	117.0	116.9	116.6	116.9	117.0
48°	115.1	115.5	115.6	115.5	115.2	115.5	115.6	115.5	115.1	115.5	115.6
48.5°	113.7	114.1	114.1	114.0	113.8	114.0	114.1	114.1	113.7	114.1	114.1
49°	112.3	112.6	112.7	112.6	112.3	112.6	112.7	112.6	112.3	112.6	112.7
49.5°	110.8	111.2	111.2	111.2	110.9	111.2	111.2	111.2	110.8	111.2	111.2
50°	109.4	109.7	109.8	109.8	109.5	109.8	109.8	109.7	109.4	109.7	109.8
50.5°	108.0	108.3	108.3	108.3	108.0	108.3	108.3	108.3	108.0	108.3	108.3
51°	106.6	106.8	106.9	106.8	106.5	106.8	106.9	106.8	106.6	106.8	106.9
51.5°	105.2	105.3	105.4	105.4	105.1	105.4	105.4	105.3	105.2	105.3	105.4
52°	103.7	103.9	103.9	104.0	103.6	104.0	103.9	103.9	103.7	103.9	103.9
52.5°	102.3	102.4	102.5	102.5	102.1	102.5	102.5	102.4	102.3	102.4	102.5
53°	100.8	100.9	101.0	101.1	100.6	101.1	101.0	100.9	100.8	100.9	101.0
53.5°	99.3	99.4	99.5	99.6	99.1	99.6	99.5	99.4	99.3	99.4	99.5
54°	97.9	97.9	98.0	98.1	97.7	98.1	98.0	97.9	97.9	97.9	98.0
54.5°	96.4	96.4	96.6	96.7	96.2	96.7	96.6	96.4	96.4	96.4	96.6
55°	94.9	94.9	95.1	95.2	94.7	95.2	95.1	94.9	94.9	94.9	95.1
55.5°	93.4	93.4	93.6	93.7	93.2	93.7	93.6	93.4	93.4	93.4	93.6
56°	91.9	91.9	92.1	92.2	91.7	92.2	92.1	91.9	91.9	91.9	92.1
56.5°	90.5	90.4	90.6	90.7	90.2	90.7	90.6	90.4	90.5	90.4	90.6
57°	88.9	88.9	89.1	89.2	88.7	89.2	89.1	88.9	88.9	88.9	89.1
57.5°	87.4	87.4	87.6	87.7	87.2	87.7	87.6	87.4	87.4	87.4	87.6
58°	85.9	85.9	86.1	86.2	85.7	86.2	86.1	85.9	85.9	85.9	86.1
58.5°	84.5	84.5	84.6	84.7	84.3	84.7	84.6	84.5	84.5	84.5	84.6
59°	82.9	83.0	83.1	83.2	82.8	83.2	83.1	83.0	82.9	83.0	83.1
59.5°	81.4	81.5	81.6	81.7	81.3	81.7	81.6	81.5	81.4	81.5	81.6
60°	79.9	79.9	80.0	80.2	79.8	80.2	80.0	79.9	79.9	79.9	80.0
60.5°	78.4	78.5	78.5	78.6	78.3	78.6	78.5	78.5	78.4	78.5	78.5
61°	76.8	77.0	77.1	77.1	76.8	77.1	77.1	77.0	76.8	77.0	77.1
61.5°	75.3	75.4	75.5	75.6	75.4	75.6	75.5	75.4	75.3	75.4	75.5
62°	73.8	73.9	74.0	74.1	73.9	74.1	74.0	73.9	73.8	73.9	74.0
62.5°	72.3	72.5	72.5	72.6	72.4	72.6	72.5	72.5	72.3	72.5	72.5
63°	70.8	71.0	71.0	71.0	70.9	71.0	71.0	71.0	70.8	71.0	71.0
63.5°	69.2	69.5	69.4	69.5	69.4	69.5	69.4	69.5	69.2	69.5	69.4
64°	67.7	68.0	67.9	68.0	67.9	68.0	67.9	68.0	67.7	68.0	67.9
64.5°	66.2	66.5	66.4	66.5	66.4	66.5	66.4	66.5	66.2	66.5	66.4
65°	64.7	65.0	64.9	64.9	65.0	64.9	64.9	65.0	64.7	65.0	64.9
65.5°	63.1	63.5	63.4	63.4	63.5	63.4	63.4	63.5	63.1	63.5	63.4
66°	61.6	62.0	61.9	61.9	62.0	61.9	61.9	62.0	61.6	62.0	61.9
66.5°	60.1	60.4	60.3	60.4	60.5	60.4	60.3	60.4	60.1	60.4	60.3
67°	58.5	58.9	58.9	58.8	59.0	58.8	58.9	58.9	58.5	58.9	58.9

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

Scaled Data Report

TEST NUMBER: P1596607
CATALOG NUMBER: HLB2SLSFS5-LO-5000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	57.0	57.4	57.4	57.3	57.5	57.3	57.4	57.4	57.0	57.4	57.4
68°	55.5	56.0	55.9	55.8	56.0	55.8	55.9	56.0	55.5	56.0	55.9
68.5°	54.0	54.5	54.4	54.3	54.6	54.3	54.4	54.5	54.0	54.5	54.4
69°	52.5	53.0	52.9	52.8	53.1	52.8	52.9	53.0	52.5	53.0	52.9
69.5°	51.0	51.5	51.4	51.3	51.6	51.3	51.4	51.5	51.0	51.5	51.4
70°	49.5	50.1	49.9	49.8	50.1	49.8	49.9	50.1	49.5	50.1	49.9
70.5°	48.1	48.6	48.5	48.4	48.7	48.4	48.5	48.6	48.1	48.6	48.5
71°	46.6	47.1	47.0	46.9	47.3	46.9	47.0	47.1	46.6	47.1	47.0
71.5°	45.2	45.7	45.6	45.5	45.8	45.5	45.6	45.7	45.2	45.7	45.6
72°	43.7	44.2	44.2	44.0	44.3	44.0	44.2	44.2	43.7	44.2	44.2
72.5°	42.3	42.8	42.7	42.6	42.9	42.6	42.7	42.8	42.3	42.8	42.7
73°	40.8	41.4	41.3	41.2	41.5	41.2	41.3	41.4	40.8	41.4	41.3
73.5°	39.4	40.0	39.9	39.7	40.1	39.7	39.9	40.0	39.4	40.0	39.9
74°	38.1	38.6	38.5	38.4	38.7	38.4	38.5	38.6	38.1	38.6	38.5
74.5°	36.7	37.2	37.1	37.0	37.3	37.0	37.1	37.2	36.7	37.2	37.1
75°	35.3	35.7	35.7	35.6	35.8	35.6	35.7	35.7	35.3	35.7	35.7
75.5°	33.9	34.3	34.3	34.2	34.5	34.2	34.3	34.3	33.9	34.3	34.3
76°	32.5	32.9	32.9	32.8	33.0	32.8	32.9	32.9	32.5	32.9	32.9
76.5°	31.2	31.5	31.5	31.4	31.6	31.4	31.5	31.5	31.2	31.5	31.5
77°	29.8	30.2	30.2	30.1	30.3	30.1	30.2	30.2	29.8	30.2	30.2
77.5°	28.5	28.8	28.8	28.7	28.9	28.7	28.8	28.8	28.5	28.8	28.8
78°	27.2	27.4	27.4	27.4	27.5	27.4	27.4	27.4	27.2	27.4	27.4
78.5°	25.8	26.1	26.2	26.0	26.3	26.0	26.2	26.1	25.8	26.1	26.2
79°	24.5	24.7	24.8	24.7	24.9	24.7	24.8	24.7	24.5	24.7	24.8
79.5°	23.1	23.3	23.4	23.3	23.5	23.3	23.4	23.3	23.1	23.3	23.4
80°	21.8	22.0	22.1	22.0	22.1	22.0	22.1	22.0	21.8	22.0	22.1
80.5°	20.5	20.7	20.8	20.7	20.7	20.7	20.8	20.7	20.5	20.7	20.8
81°	19.2	19.3	19.4	19.4	19.4	19.4	19.4	19.3	19.2	19.3	19.4
81.5°	17.9	18.0	18.1	18.1	18.1	18.1	18.1	18.0	17.9	18.0	18.1
82°	16.6	16.7	16.8	16.8	16.8	16.8	16.8	16.7	16.6	16.7	16.8
82.5°	15.3	15.4	15.5	15.5	15.5	15.5	15.5	15.4	15.3	15.4	15.5
83°	14.1	14.1	14.2	14.2	14.2	14.2	14.2	14.1	14.1	14.1	14.2
83.5°	12.8	12.8	13.0	13.0	12.9	13.0	13.0	12.8	12.8	12.8	13.0
84°	11.6	11.6	11.7	11.7	11.7	11.7	11.7	11.6	11.6	11.6	11.7
84.5°	10.3	10.3	10.4	10.5	10.4	10.5	10.4	10.3	10.3	10.3	10.4
85°	9.1	9.1	9.2	9.2	9.2	9.2	9.2	9.1	9.1	9.1	9.2
85.5°	7.9	7.9	8.0	8.0	8.0	8.0	8.0	7.9	7.9	7.9	8.0
86°	6.7	6.6	6.7	6.8	6.7	6.8	6.7	6.6	6.7	6.6	6.7
86.5°	5.5	5.4	5.5	5.6	5.5	5.6	5.5	5.4	5.5	5.4	5.5
87°	4.3	4.2	4.3	4.5	4.4	4.5	4.3	4.2	4.3	4.2	4.3
87.5°	3.1	3.1	3.2	3.4	3.2	3.4	3.2	3.1	3.1	3.1	3.2
88°	2.0	2.1	2.2	2.5	2.2	2.5	2.2	2.1	2.0	2.1	2.2
88.5°	1.2	1.3	1.4	1.7	1.4	1.7	1.4	1.3	1.2	1.3	1.4
89°	0.7	0.8	0.8	1.0	1.1	1.0	0.8	0.8	0.7	0.8	0.8
89.5°	0.4	0.4	0.4	0.5	0.7	0.5	0.4	0.4	0.4	0.4	0.4

Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report

TEST NUMBER: P1596607
CATALOG NUMBER: HLB2SLSFS5-LO-5000K

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	0.2	0.4	0.2	0.2	0.2	0.0	0.2	0.2
90.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111.5°	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	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: P1596607
CATALOG NUMBER: HLB2SLSFS5-LO-5000K

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: P1596607
CATALOG NUMBER: HLB2SLSFS5-LO-5000K

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	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
149.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
150°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
150.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
151°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
151.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
152°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
152.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
153°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
153.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
154°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
154.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
155°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
155.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
156°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
156.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
157°	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: P1596607
CATALOG NUMBER: HLB2SLSFS5-LO-5000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
157.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
158°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
158.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
159°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
159.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
160°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
160.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
161°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
161.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
162°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
162.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
163°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
163.5°	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.1
164°	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.1
164.5°	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.1
165°	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.1
165.5°	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.1
166°	0.1	0.1	0.2	0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.2
166.5°	0.1	0.1	0.2	0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.2
167°	0.1	0.1	0.2	0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.2
167.5°	0.1	0.1	0.2	0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.2
168°	0.1	0.1	0.2	0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.2
168.5°	0.1	0.1	0.2	0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.2
169°	0.1	0.1	0.2	0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.2
169.5°	0.1	0.1	0.2	0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.2
170°	0.1	0.1	0.2	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.2
170.5°	0.1	0.1	0.2	0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.2
171°	0.1	0.1	0.2	0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.2
171.5°	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.1
172°	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.1
172.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
173°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
173.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
174°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
174.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
175°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
175.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
176°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
176.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
177°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
177.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
178°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
178.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
179°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
179.5°	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: P1596607
CATALOG NUMBER: HLB2SLSFS5-LO-5000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
180°	*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: P1596607
CATALOG NUMBER: HLB2SLSFS5-LO-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	*199.2*	*199.2*	*199.2*	*199.2*	*199.2*	*199.2*
0.5°	199.2	199.2	199.2	199.2	199.2	199.2
1°	199.2	199.2	199.2	199.1	199.2	199.2
1.5°	199.1	199.1	199.1	199.1	199.1	199.1
2°	198.9	199.0	198.9	199.0	199.1	199.1
2.5°	198.9	199.0	198.9	198.9	199.0	199.0
3°	198.9	198.8	198.9	198.8	198.9	198.9
3.5°	198.7	198.7	198.7	198.7	198.7	198.7
4°	198.5	198.5	198.5	198.5	198.5	198.6
4.5°	198.4	198.4	198.4	198.4	198.4	198.4
5°	198.2	198.2	198.2	198.2	198.3	198.2
5.5°	198.0	198.0	198.0	198.0	198.0	198.1
6°	197.7	197.7	197.7	197.7	197.8	197.8
6.5°	197.5	197.5	197.5	197.5	197.5	197.5
7°	197.2	197.2	197.2	197.2	197.2	197.2
7.5°	196.9	196.9	196.9	197.0	197.0	196.9
8°	196.6	196.5	196.6	196.6	196.7	196.6
8.5°	196.3	196.3	196.3	196.3	196.3	196.2
9°	195.9	195.8	195.9	195.9	195.9	195.8
9.5°	195.5	195.4	195.5	195.5	195.6	195.5
10°	195.0	195.0	195.0	195.1	195.1	195.1
10.5°	194.7	194.6	194.7	194.7	194.7	194.6
11°	194.3	194.2	194.3	194.2	194.3	194.1
11.5°	193.7	193.7	193.7	193.8	193.8	193.7
12°	193.2	193.1	193.2	193.2	193.3	193.2
12.5°	192.7	192.6	192.7	192.8	192.7	192.7
13°	192.2	192.1	192.2	192.3	192.3	192.1
13.5°	191.7	191.6	191.7	191.7	191.7	191.5
14°	191.1	191.0	191.1	191.1	191.1	190.9
14.5°	190.5	190.4	190.5	190.5	190.5	190.4
15°	189.9	189.7	189.9	189.9	189.9	189.8
15.5°	189.2	189.1	189.2	189.3	189.2	189.1
16°	188.6	188.4	188.6	188.6	188.6	188.4
16.5°	187.9	187.8	187.9	187.9	187.9	187.7
17°	187.2	187.0	187.2	187.3	187.2	187.0
17.5°	186.5	186.3	186.5	186.6	186.5	186.4
18°	185.7	185.5	185.7	185.8	185.7	185.6
18.5°	185.0	184.8	185.0	185.0	185.0	184.8
19°	184.2	184.0	184.2	184.3	184.2	184.0
19.5°	183.4	183.2	183.4	183.5	183.4	183.2
20°	182.6	182.4	182.6	182.7	182.5	182.4
20.5°	181.8	181.6	181.8	181.8	181.8	181.6
21°	180.9	180.7	180.9	181.0	180.9	180.7
21.5°	180.0	179.8	180.0	180.2	180.0	179.8
22°	179.2	179.0	179.2	179.2	179.1	179.0

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

Scaled Data Report

TEST NUMBER: P1596607
CATALOG NUMBER: HLB2SLSFS5-LO-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	178.3	178.1	178.3	178.4	178.2	178.1
23°	177.4	177.1	177.4	177.5	177.3	177.1
23.5°	176.4	176.2	176.4	176.5	176.5	176.2
24°	175.5	175.3	175.5	175.6	175.5	175.2
24.5°	174.5	174.2	174.5	174.6	174.5	174.2
25°	173.6	173.2	173.6	173.6	173.5	173.3
25.5°	172.6	172.3	172.6	172.6	172.5	172.3
26°	171.6	171.3	171.6	171.6	171.5	171.2
26.5°	170.5	170.2	170.5	170.6	170.5	170.2
27°	169.5	169.2	169.5	169.5	169.5	169.1
27.5°	168.4	168.1	168.4	168.5	168.4	168.1
28°	167.3	167.0	167.3	167.4	167.3	167.0
28.5°	166.2	166.0	166.2	166.4	166.2	165.9
29°	165.2	164.9	165.2	165.3	165.1	164.9
29.5°	164.1	163.8	164.1	164.1	164.0	163.7
30°	163.0	162.6	163.0	163.0	162.9	162.6
30.5°	161.8	161.5	161.8	161.9	161.7	161.5
31°	160.6	160.4	160.6	160.7	160.6	160.3
31.5°	159.5	159.2	159.5	159.6	159.4	159.1
32°	158.3	158.0	158.3	158.3	158.2	157.9
32.5°	157.1	156.8	157.1	157.2	157.0	156.7
33°	155.9	155.6	155.9	156.0	155.8	155.5
33.5°	154.7	154.4	154.7	154.8	154.6	154.3
34°	153.5	153.1	153.5	153.5	153.4	153.1
34.5°	152.2	151.9	152.2	152.3	152.2	151.8
35°	151.0	150.6	151.0	151.0	150.9	150.5
35.5°	149.7	149.4	149.7	149.8	149.6	149.3
36°	148.4	148.1	148.4	148.5	148.4	148.0
36.5°	147.1	146.8	147.1	147.1	147.1	146.8
37°	145.8	145.5	145.8	145.9	145.8	145.5
37.5°	144.5	144.2	144.5	144.6	144.5	144.2
38°	143.2	142.9	143.2	143.3	143.2	142.8
38.5°	141.9	141.6	141.9	141.9	141.9	141.5
39°	140.6	140.3	140.6	140.6	140.5	140.2
39.5°	139.2	138.9	139.2	139.3	139.2	138.8
40°	137.9	137.6	137.9	138.0	137.9	137.5
40.5°	136.5	136.2	136.5	136.6	136.5	136.1
41°	135.1	134.8	135.1	135.2	135.1	134.8
41.5°	133.8	133.4	133.8	133.8	133.8	133.4
42°	132.4	132.1	132.4	132.5	132.4	132.0
42.5°	131.0	130.7	131.0	131.1	131.0	130.6
43°	129.6	129.3	129.6	129.7	129.7	129.2
43.5°	128.2	128.0	128.2	128.3	128.3	127.8
44°	126.8	126.6	126.8	126.8	126.9	126.4
44.5°	125.5	125.2	125.5	125.5	125.4	125.0

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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Scaled Data Report

TEST NUMBER: P1596607
CATALOG NUMBER: HLB2SLSFS5-LO-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	124.0	123.8	124.0	124.1	124.1	123.6
45.5°	122.6	122.4	122.6	122.7	122.6	122.2
46°	121.2	121.0	121.2	121.3	121.2	120.8
46.5°	119.8	119.5	119.8	119.8	119.8	119.4
47°	118.3	118.1	118.3	118.4	118.4	117.9
47.5°	116.9	116.7	116.9	117.0	116.9	116.6
48°	115.5	115.2	115.5	115.6	115.5	115.1
48.5°	114.0	113.8	114.0	114.1	114.1	113.7
49°	112.6	112.3	112.6	112.7	112.6	112.3
49.5°	111.2	110.9	111.2	111.2	111.2	110.8
50°	109.8	109.5	109.8	109.8	109.7	109.4
50.5°	108.3	108.0	108.3	108.3	108.3	108.0
51°	106.8	106.5	106.8	106.9	106.8	106.6
51.5°	105.4	105.1	105.4	105.4	105.3	105.2
52°	104.0	103.6	104.0	103.9	103.9	103.7
52.5°	102.5	102.1	102.5	102.5	102.4	102.3
53°	101.1	100.6	101.1	101.0	100.9	100.8
53.5°	99.6	99.1	99.6	99.5	99.4	99.3
54°	98.1	97.7	98.1	98.0	97.9	97.9
54.5°	96.7	96.2	96.7	96.6	96.4	96.4
55°	95.2	94.7	95.2	95.1	94.9	94.9
55.5°	93.7	93.2	93.7	93.6	93.4	93.4
56°	92.2	91.7	92.2	92.1	91.9	91.9
56.5°	90.7	90.2	90.7	90.6	90.4	90.5
57°	89.2	88.7	89.2	89.1	88.9	88.9
57.5°	87.7	87.2	87.7	87.6	87.4	87.4
58°	86.2	85.7	86.2	86.1	85.9	85.9
58.5°	84.7	84.3	84.7	84.6	84.5	84.5
59°	83.2	82.8	83.2	83.1	83.0	82.9
59.5°	81.7	81.3	81.7	81.6	81.5	81.4
60°	80.2	79.8	80.2	80.0	79.9	79.9
60.5°	78.6	78.3	78.6	78.5	78.5	78.4
61°	77.1	76.8	77.1	77.1	77.0	76.8
61.5°	75.6	75.4	75.6	75.5	75.4	75.3
62°	74.1	73.9	74.1	74.0	73.9	73.8
62.5°	72.6	72.4	72.6	72.5	72.5	72.3
63°	71.0	70.9	71.0	71.0	71.0	70.8
63.5°	69.5	69.4	69.5	69.4	69.5	69.2
64°	68.0	67.9	68.0	67.9	68.0	67.7
64.5°	66.5	66.4	66.5	66.4	66.5	66.2
65°	64.9	65.0	64.9	64.9	65.0	64.7
65.5°	63.4	63.5	63.4	63.4	63.5	63.1
66°	61.9	62.0	61.9	61.9	62.0	61.6
66.5°	60.4	60.5	60.4	60.3	60.4	60.1
67°	58.8	59.0	58.8	58.9	58.9	58.5

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

Scaled Data Report

TEST NUMBER: P1596607
CATALOG NUMBER: HLB2SLSFS5-LO-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	57.3	57.5	57.3	57.4	57.4	57.0
68°	55.8	56.0	55.8	55.9	56.0	55.5
68.5°	54.3	54.6	54.3	54.4	54.5	54.0
69°	52.8	53.1	52.8	52.9	53.0	52.5
69.5°	51.3	51.6	51.3	51.4	51.5	51.0
70°	49.8	50.1	49.8	49.9	50.1	49.5
70.5°	48.4	48.7	48.4	48.5	48.6	48.1
71°	46.9	47.3	46.9	47.0	47.1	46.6
71.5°	45.5	45.8	45.5	45.6	45.7	45.2
72°	44.0	44.3	44.0	44.2	44.2	43.7
72.5°	42.6	42.9	42.6	42.7	42.8	42.3
73°	41.2	41.5	41.2	41.3	41.4	40.8
73.5°	39.7	40.1	39.7	39.9	40.0	39.4
74°	38.4	38.7	38.4	38.5	38.6	38.1
74.5°	37.0	37.3	37.0	37.1	37.2	36.7
75°	35.6	35.8	35.6	35.7	35.7	35.3
75.5°	34.2	34.5	34.2	34.3	34.3	33.9
76°	32.8	33.0	32.8	32.9	32.9	32.5
76.5°	31.4	31.6	31.4	31.5	31.5	31.2
77°	30.1	30.3	30.1	30.2	30.2	29.8
77.5°	28.7	28.9	28.7	28.8	28.8	28.5
78°	27.4	27.5	27.4	27.4	27.4	27.2
78.5°	26.0	26.3	26.0	26.2	26.1	25.8
79°	24.7	24.9	24.7	24.8	24.7	24.5
79.5°	23.3	23.5	23.3	23.4	23.3	23.1
80°	22.0	22.1	22.0	22.1	22.0	21.8
80.5°	20.7	20.7	20.7	20.8	20.7	20.5
81°	19.4	19.4	19.4	19.4	19.3	19.2
81.5°	18.1	18.1	18.1	18.1	18.0	17.9
82°	16.8	16.8	16.8	16.8	16.7	16.6
82.5°	15.5	15.5	15.5	15.5	15.4	15.3
83°	14.2	14.2	14.2	14.2	14.1	14.1
83.5°	13.0	12.9	13.0	13.0	12.8	12.8
84°	11.7	11.7	11.7	11.7	11.6	11.6
84.5°	10.5	10.4	10.5	10.4	10.3	10.3
85°	9.2	9.2	9.2	9.2	9.1	9.1
85.5°	8.0	8.0	8.0	8.0	7.9	7.9
86°	6.8	6.7	6.8	6.7	6.6	6.7
86.5°	5.6	5.5	5.6	5.5	5.4	5.5
87°	4.5	4.4	4.5	4.3	4.2	4.3
87.5°	3.4	3.2	3.4	3.2	3.1	3.1
88°	2.5	2.2	2.5	2.2	2.1	2.0
88.5°	1.7	1.4	1.7	1.4	1.3	1.2
89°	1.0	1.1	1.0	0.8	0.8	0.7
89.5°	0.5	0.7	0.5	0.4	0.4	0.4

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

Scaled Data Report

TEST NUMBER: P1596607
CATALOG NUMBER: HLB2SLSFS5-LO-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
90°	0.2	0.4	0.2	0.2	0.2	0.0
90.5°	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
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°	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0
105.5°	0.0	0.0	0.0	0.0	0.0	0.0
106°	0.0	0.0	0.0	0.0	0.0	0.0
106.5°	0.0	0.0	0.0	0.0	0.0	0.0
107°	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0
108°	0.0	0.0	0.0	0.0	0.0	0.0
108.5°	0.0	0.0	0.0	0.0	0.0	0.0
109°	0.0	0.0	0.0	0.0	0.0	0.0
109.5°	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0
110.5°	0.0	0.0	0.0	0.0	0.0	0.0
111°	0.0	0.0	0.0	0.0	0.0	0.0
111.5°	0.1	0.1	0.1	0.1	0.0	0.0
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: P1596607
CATALOG NUMBER: HLB2SLSFS5-LO-5000K

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: P1596607
CATALOG NUMBER: HLB2SLSFS5-LO-5000K

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°	0.1	0.1	0.1	0.1	0.1	0.1
149.5°	0.1	0.1	0.1	0.1	0.1	0.1
150°	0.1	0.1	0.1	0.1	0.1	0.1
150.5°	0.1	0.1	0.1	0.1	0.1	0.1
151°	0.1	0.1	0.1	0.1	0.1	0.1
151.5°	0.1	0.1	0.1	0.1	0.1	0.1
152°	0.1	0.1	0.1	0.1	0.1	0.1
152.5°	0.1	0.1	0.1	0.1	0.1	0.1
153°	0.1	0.1	0.1	0.1	0.1	0.1
153.5°	0.1	0.1	0.1	0.1	0.1	0.1
154°	0.1	0.1	0.1	0.1	0.1	0.1
154.5°	0.1	0.1	0.1	0.1	0.1	0.1
155°	0.1	0.1	0.1	0.1	0.1	0.1
155.5°	0.1	0.1	0.1	0.1	0.1	0.1
156°	0.1	0.1	0.1	0.1	0.1	0.1
156.5°	0.1	0.1	0.1	0.1	0.1	0.1
157°	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: P1596607
CATALOG NUMBER: HLB2SLSFS5-LO-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
157.5°	0.1	0.1	0.1	0.1	0.1	0.1
158°	0.1	0.1	0.1	0.1	0.1	0.1
158.5°	0.1	0.1	0.1	0.1	0.1	0.1
159°	0.1	0.1	0.1	0.1	0.1	0.1
159.5°	0.1	0.1	0.1	0.1	0.1	0.1
160°	0.1	0.1	0.1	0.1	0.1	0.1
160.5°	0.1	0.1	0.1	0.1	0.1	0.1
161°	0.1	0.1	0.1	0.1	0.1	0.1
161.5°	0.1	0.1	0.1	0.1	0.1	0.1
162°	0.1	0.1	0.1	0.1	0.1	0.1
162.5°	0.1	0.1	0.1	0.1	0.1	0.1
163°	0.1	0.1	0.1	0.1	0.1	0.1
163.5°	0.2	0.1	0.2	0.1	0.1	0.1
164°	0.2	0.1	0.2	0.1	0.1	0.1
164.5°	0.2	0.1	0.2	0.1	0.1	0.1
165°	0.2	0.1	0.2	0.1	0.1	0.1
165.5°	0.2	0.1	0.2	0.1	0.1	0.1
166°	0.2	0.1	0.2	0.2	0.1	0.1
166.5°	0.2	0.1	0.2	0.2	0.1	0.1
167°	0.2	0.1	0.2	0.2	0.1	0.1
167.5°	0.2	0.1	0.2	0.2	0.1	0.1
168°	0.2	0.1	0.2	0.2	0.1	0.1
168.5°	0.2	0.1	0.2	0.2	0.1	0.1
169°	0.2	0.1	0.2	0.2	0.1	0.1
169.5°	0.2	0.1	0.2	0.2	0.1	0.1
170°	0.1	0.1	0.1	0.2	0.1	0.1
170.5°	0.2	0.1	0.2	0.2	0.1	0.1
171°	0.2	0.1	0.2	0.2	0.1	0.1
171.5°	0.2	0.1	0.2	0.1	0.1	0.1
172°	0.2	0.1	0.2	0.1	0.1	0.1
172.5°	0.1	0.1	0.1	0.1	0.1	0.1
173°	0.1	0.1	0.1	0.1	0.1	0.1
173.5°	0.1	0.1	0.1	0.1	0.1	0.1
174°	0.1	0.1	0.1	0.1	0.1	0.1
174.5°	0.1	0.1	0.1	0.1	0.1	0.1
175°	0.1	0.1	0.1	0.1	0.1	0.1
175.5°	0.1	0.1	0.1	0.1	0.1	0.1
176°	0.1	0.1	0.1	0.1	0.1	0.1
176.5°	0.1	0.1	0.1	0.1	0.1	0.1
177°	0.1	0.1	0.1	0.1	0.1	0.1
177.5°	0.1	0.1	0.1	0.1	0.1	0.1
178°	0.1	0.1	0.1	0.1	0.1	0.1
178.5°	0.1	0.1	0.1	0.1	0.1	0.1
179°	0.1	0.1	0.1	0.1	0.1	0.1
179.5°	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: P1596607
CATALOG NUMBER: HLB2SLSFS5-LO-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
180°	0.1	0.1	0.1	0.1	0.1	0.1

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TEST NUMBER: P1596607
CATALOG NUMBER: HLB2SLSFS5-LO-5000K

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	30.78	32.41	31.15	32.73	33.04	30.80	32.43	31.17	32.74	33.06
	3H	32.59	34.06	32.96	34.39	34.75	32.61	34.08	32.98	34.41	34.77
	4H	33.28	34.67	33.68	35.01	35.39	33.31	34.69	33.70	35.04	35.42
	6H	33.80	35.09	34.22	35.46	35.85	33.84	35.13	34.25	35.49	35.88
	8H	33.98	35.21	34.40	35.60	36.00	34.01	35.24	34.44	35.63	36.03
	12H	34.05	35.23	34.48	35.61	36.04	34.09	35.26	34.52	35.65	36.08
4H	2H	31.42	32.80	31.82	33.15	33.53	31.43	32.82	31.83	33.17	33.54
	3H	33.45	34.61	33.86	35.01	35.41	33.46	34.62	33.87	35.02	35.42
	4H	34.28	35.33	34.71	35.74	36.18	34.29	35.34	34.72	35.76	36.20
	6H	34.94	35.86	35.39	36.30	36.76	34.96	35.88	35.41	36.32	36.78
	8H	35.16	36.02	35.62	36.46	36.93	35.18	36.05	35.64	36.49	36.96
	12H	35.29	36.06	35.77	36.54	37.01	35.31	36.09	35.80	36.57	37.04
8H	4H	34.60	35.47	35.07	35.91	36.38	34.62	35.48	35.08	35.93	36.39
	6H	35.40	36.11	35.89	36.60	37.08	35.41	36.13	35.91	36.62	37.10
	8H	35.69	36.34	36.20	36.84	37.33	35.72	36.36	36.23	36.87	37.36
	12H	35.90	36.47	36.41	36.96	37.52	35.93	36.50	36.43	36.99	37.55
12H	4H	34.64	35.42	35.12	35.90	36.37	34.66	35.43	35.14	35.91	36.38
	6H	35.46	36.11	35.97	36.61	37.10	35.48	36.12	35.99	36.63	37.12
	8H	35.82	36.39	36.32	36.88	37.44	35.84	36.41	36.35	36.90	37.46

END OF REPORT