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: P1596606

Luminaire Tested: HLB2SLSFS5-LO-4000K

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:	P1596606
	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-4000K
Description:	HLB2 2" SQUARE SLIM LOW GLARE CANLESS LED DOWNLIGHT
Light Source:	4000K CCT, 90 CRI LEDS
Ballast/Driver:	-

Summary

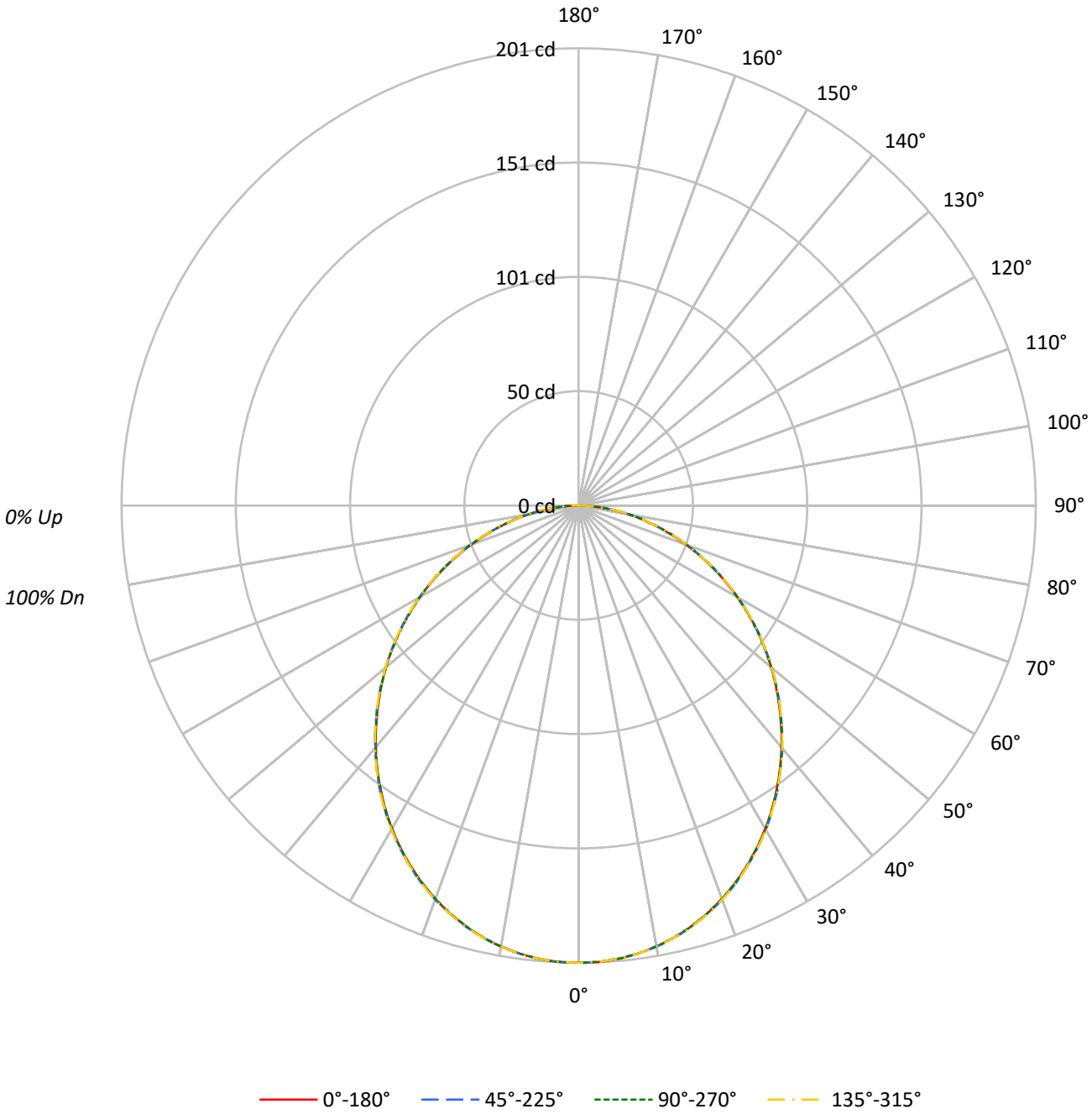
Lumens per Lamp:	N/A
Luminaire Lumens:	544.9 lumens
Efficiency:	N/A
Efficacy:	100.9 lumens/watt
Spacing Criteria (0/90/45):	1.22 / 1.22 / 1.33
Luminous Opening:	Rectangular (W 0.09' x L: 0.09' x H: 0')
CIE Type:	Direct
Input Watts (W):	5.4
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	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°	267105	267105	267105	267105
5°	266924	266924	266924	266924
10°	265693	265558	265693	265558
15°	263457	263457	263457	263457
20°	260347	260347	260347	260347
25°	256448	256301	256448	256301
30°	251804	251804	251804	251804
35°	246421	246584	246421	246584
40°	240607	240780	240607	240780
45°	234351	234727	234351	234727
50°	228237	228444	228237	228444
55°	221952	221257	221952	221257
60°	214215	213949	214215	213949
65°	205015	206272	205015	206272
70°	194269	196600	194269	196600
75°	182784	185865	182784	185865
80°	168360	170655	168360	170655
85°	140274	141799	140274	141799

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 22.5°
Vertical Angle: 45°
Luminance: 235291 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.0	3.5
10°-20°	54.0	9.9
20°-30°	80.6	14.8
30°-40°	95.2	17.5
40°-50°	96.5	17.7
50°-60°	85.7	15.7
60°-70°	64.8	11.9
70°-80°	38.1	7.0
80°-90°	10.6	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°	153.7	28.2
0°-40°	248.9	45.7
0°-60°	431.1	79.1
0°-90°	544.5	99.9
90°-120°	0.1	0.0
90°-150°	0.3	0.1
90°-180°	0.0	0.0
0°-180°	544.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	201	201	201	201	201	
5°	200	200	200	200	200	19
15°	192	192	192	192	192	54
25°	175	175	175	175	175	81
35°	152	152	152	152	152	95
45°	125	125	125	125	125	96
55°	96	96	96	96	96	86
65°	65	66	65	66	65	65
75°	36	36	36	36	36	38
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°	201.0	201.0	201.0	201.0	201.0	201.0	201.0	201.0	201.0	201.0	201.0
0.5°	201.0	201.0	201.0	201.0	201.1	201.0	201.0	201.0	201.0	201.0	201.0
1°	201.0	201.0	201.0	201.0	201.1	201.0	201.0	201.0	201.0	201.0	201.0
1.5°	201.0	201.0	200.9	200.9	200.9	200.9	200.9	201.0	201.0	201.0	200.9
2°	200.9	200.9	200.8	200.8	200.8	200.8	200.8	200.9	200.9	200.9	200.8
2.5°	200.9	200.9	200.8	200.8	200.8	200.8	200.8	200.9	200.9	200.9	200.8
3°	200.7	200.7	200.7	200.7	200.7	200.7	200.7	200.7	200.7	200.7	200.7
3.5°	200.6	200.6	200.5	200.5	200.6	200.5	200.5	200.6	200.6	200.6	200.5
4°	200.4	200.4	200.4	200.4	200.4	200.4	200.4	200.4	200.4	200.4	200.4
4.5°	200.2	200.3	200.2	200.2	200.2	200.2	200.2	200.3	200.2	200.3	200.2
5°	200.1	200.1	200.0	200.0	200.1	200.0	200.0	200.1	200.1	200.1	200.0
5.5°	199.9	199.8	199.8	199.8	199.8	199.8	199.8	199.8	199.9	199.8	199.8
6°	199.6	199.6	199.6	199.6	199.5	199.6	199.6	199.6	199.6	199.6	199.6
6.5°	199.3	199.3	199.3	199.3	199.3	199.3	199.3	199.3	199.3	199.3	199.3
7°	199.0	199.0	199.1	199.0	199.0	199.0	199.1	199.0	199.0	199.0	199.1
7.5°	198.8	198.8	198.8	198.7	198.7	198.7	198.8	198.8	198.8	198.8	198.8
8°	198.4	198.5	198.4	198.4	198.4	198.4	198.4	198.5	198.4	198.5	198.4
8.5°	198.0	198.1	198.1	198.1	198.1	198.1	198.1	198.1	198.0	198.1	198.1
9°	197.6	197.7	197.7	197.7	197.7	197.7	197.7	197.7	197.6	197.7	197.7
9.5°	197.3	197.4	197.3	197.3	197.2	197.3	197.3	197.4	197.3	197.4	197.3
10°	196.9	196.9	196.9	196.8	196.8	196.8	196.9	196.9	196.9	196.9	196.9
10.5°	196.4	196.5	196.5	196.5	196.4	196.5	196.5	196.5	196.4	196.5	196.5
11°	195.9	196.1	196.0	196.1	196.0	196.1	196.0	196.1	195.9	196.1	196.0
11.5°	195.4	195.6	195.6	195.5	195.5	195.5	195.6	195.6	195.4	195.6	195.6
12°	195.0	195.0	195.0	195.0	194.9	195.0	195.0	195.0	195.0	195.0	195.0
12.5°	194.5	194.5	194.5	194.5	194.4	194.5	194.5	194.5	194.5	194.5	194.5
13°	193.9	194.0	194.1	194.0	193.9	194.0	194.1	194.0	193.9	194.0	194.1
13.5°	193.3	193.5	193.5	193.4	193.4	193.4	193.5	193.5	193.3	193.5	193.5
14°	192.7	192.8	192.9	192.8	192.7	192.8	192.9	192.8	192.7	192.8	192.9
14.5°	192.2	192.2	192.3	192.2	192.1	192.2	192.3	192.2	192.2	192.2	192.3
15°	191.5	191.6	191.7	191.6	191.5	191.6	191.7	191.6	191.5	191.6	191.7
15.5°	190.8	191.0	191.0	191.0	190.8	191.0	191.0	191.0	190.8	191.0	191.0
16°	190.1	190.3	190.3	190.3	190.1	190.3	190.3	190.3	190.1	190.3	190.3
16.5°	189.5	189.6	189.7	189.6	189.5	189.6	189.7	189.6	189.5	189.6	189.7
17°	188.8	188.9	189.0	188.9	188.8	188.9	189.0	188.9	188.8	188.9	189.0
17.5°	188.1	188.2	188.3	188.2	188.0	188.2	188.3	188.2	188.1	188.2	188.3
18°	187.3	187.4	187.5	187.5	187.2	187.5	187.5	187.4	187.3	187.4	187.5
18.5°	186.5	186.7	186.8	186.7	186.5	186.7	186.8	186.7	186.5	186.7	186.8
19°	185.7	185.9	186.0	185.9	185.7	185.9	186.0	185.9	185.7	185.9	186.0
19.5°	184.9	185.1	185.2	185.1	184.9	185.1	185.2	185.1	184.9	185.1	185.2
20°	184.1	184.2	184.4	184.3	184.1	184.3	184.4	184.2	184.1	184.2	184.4
20.5°	183.3	183.4	183.5	183.5	183.3	183.5	183.5	183.4	183.3	183.4	183.5
21°	182.4	182.6	182.7	182.6	182.4	182.6	182.7	182.6	182.4	182.6	182.7
21.5°	181.5	181.7	181.8	181.7	181.5	181.7	181.8	181.7	181.5	181.7	181.8
22°	180.6	180.8	180.9	180.8	180.6	180.8	180.9	180.8	180.6	180.8	180.9

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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°	179.7	179.9	180.0	180.0	*179.7*	180.0	180.0	179.9	179.7	179.9	180.0
23°	178.8	179.0	179.1	179.0	*178.7*	179.0	179.1	179.0	178.8	179.0	179.1
23.5°	177.8	178.1	178.2	178.1	*177.8*	178.1	178.2	178.1	177.8	178.1	178.2
24°	176.8	177.1	177.2	177.1	*176.9*	177.1	177.2	177.1	176.8	177.1	177.2
24.5°	175.8	176.1	176.2	176.2	*175.9*	176.2	176.2	176.1	175.8	176.1	176.2
25°	174.9	175.1	175.2	175.2	*174.8*	175.2	175.2	175.1	174.9	175.1	175.2
25.5°	173.9	174.1	174.2	174.2	*173.9*	174.2	174.2	174.1	173.9	174.1	174.2
26°	172.8	173.1	173.2	173.2	*172.9*	173.2	173.2	173.1	172.8	173.1	173.2
26.5°	171.8	172.1	172.2	172.1	*171.8*	172.1	172.2	172.1	171.8	172.1	172.2
27°	170.7	171.0	171.1	171.1	*170.7*	171.1	171.1	171.0	170.7	171.0	171.1
27.5°	169.7	170.0	170.1	170.0	*169.6*	170.0	170.1	170.0	169.7	170.0	170.1
28°	168.6	168.8	169.0	168.9	*168.6*	168.9	169.0	168.8	168.6	168.8	169.0
28.5°	167.5	167.8	167.9	167.8	*167.5*	167.8	167.9	167.8	167.5	167.8	167.9
29°	166.4	166.6	166.8	166.7	*166.4*	166.7	166.8	166.6	166.4	166.6	166.8
29.5°	165.2	165.5	165.7	165.6	*165.3*	165.6	165.7	165.5	165.2	165.5	165.7
30°	164.1	164.4	164.5	164.5	*164.1*	164.5	164.5	164.4	164.1	164.4	164.5
30.5°	163.0	163.2	163.4	163.3	*163.0*	163.3	163.4	163.2	163.0	163.2	163.4
31°	161.8	162.1	162.2	162.1	*161.8*	162.1	162.2	162.1	161.8	162.1	162.2
31.5°	160.6	160.9	161.0	160.9	*160.7*	160.9	161.0	160.9	160.6	160.9	161.0
32°	159.4	159.7	159.8	159.8	*159.4*	159.8	159.8	159.7	159.4	159.7	159.8
32.5°	158.2	158.5	158.6	158.6	*158.2*	158.6	158.6	158.5	158.2	158.5	158.6
33°	157.0	157.3	157.4	157.3	*157.0*	157.3	157.4	157.3	157.0	157.3	157.4
33.5°	155.7	156.0	156.2	156.1	*155.8*	156.1	156.2	156.0	155.7	156.0	156.2
34°	154.5	154.8	154.9	154.9	*154.5*	154.9	154.9	154.8	154.5	154.8	154.9
34.5°	153.2	153.6	153.7	153.6	*153.3*	153.6	153.7	153.6	153.2	153.6	153.7
35°	151.9	152.3	152.4	152.4	*152.0*	152.4	152.4	152.3	151.9	152.3	152.4
35.5°	150.7	151.0	151.1	151.1	*150.8*	151.1	151.1	151.0	150.7	151.0	151.1
36°	149.4	149.8	149.8	149.8	*149.5*	149.8	149.8	149.8	149.4	149.8	149.8
36.5°	148.1	148.5	148.5	148.5	*148.2*	148.5	148.5	148.5	148.1	148.5	148.5
37°	146.8	147.1	147.2	147.2	*146.9*	147.2	147.2	147.1	146.8	147.1	147.2
37.5°	145.5	145.8	145.9	145.9	*145.6*	145.9	145.9	145.8	145.5	145.8	145.9
38°	144.1	144.5	144.6	144.6	*144.2*	144.6	144.6	144.5	144.1	144.5	144.6
38.5°	142.8	143.2	143.2	143.2	*142.9*	143.2	143.2	143.2	142.8	143.2	143.2
39°	141.5	141.8	141.9	141.9	*141.6*	141.9	141.9	141.8	141.5	141.8	141.9
39.5°	140.1	140.5	140.6	140.5	*140.2*	140.5	140.6	140.5	140.1	140.5	140.6
40°	138.7	139.1	139.2	139.1	*138.8*	139.1	139.2	139.1	138.7	139.1	139.2
40.5°	137.4	137.8	137.8	137.8	*137.5*	137.8	137.8	137.8	137.4	137.8	137.8
41°	136.0	136.4	136.5	136.4	*136.1*	136.4	136.5	136.4	136.0	136.4	136.5
41.5°	134.6	135.0	135.1	135.0	*134.7*	135.0	135.1	135.0	134.6	135.0	135.1
42°	133.2	133.6	133.7	133.6	*133.3*	133.6	133.7	133.6	133.2	133.6	133.7
42.5°	131.8	132.2	132.3	132.2	*131.9*	132.2	132.3	132.2	131.8	132.2	132.3
43°	130.4	130.9	130.9	130.8	*130.5*	130.8	130.9	130.9	130.4	130.9	130.9
43.5°	129.0	129.5	129.5	129.4	*129.2*	129.4	129.5	129.5	129.0	129.5	129.5
44°	127.6	128.0	128.0	128.0	*127.8*	128.0	128.0	128.0	127.6	128.0	128.0
44.5°	126.2	126.6	126.7	126.6	*126.4*	126.6	126.7	126.6	126.2	126.6	126.7

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	124.7	125.2	125.2	125.2	124.9	125.2	125.2	125.2	124.7	125.2	125.2
45.5°	123.3	123.8	123.8	123.7	123.5	123.7	123.8	123.8	123.3	123.8	123.8
46°	121.9	122.3	122.4	122.3	122.1	122.3	122.4	122.3	121.9	122.3	122.4
46.5°	120.5	120.9	120.9	120.9	120.6	120.9	120.9	120.9	120.5	120.9	120.9
47°	119.0	119.5	119.5	119.4	119.2	119.4	119.5	119.5	119.0	119.5	119.5
47.5°	117.6	118.0	118.1	118.0	117.8	118.0	118.1	118.0	117.6	118.0	118.1
48°	116.2	116.6	116.6	116.6	116.3	116.6	116.6	116.6	116.2	116.6	116.6
48.5°	114.8	115.2	115.2	115.1	114.8	115.1	115.2	115.2	114.8	115.2	115.2
49°	113.4	113.7	113.7	113.6	113.4	113.6	113.7	113.7	113.4	113.7	113.7
49.5°	111.9	112.2	112.3	112.2	111.9	112.2	112.3	112.2	111.9	112.2	112.3
50°	110.4	110.7	110.8	110.8	110.5	110.8	110.8	110.7	110.4	110.7	110.8
50.5°	109.0	109.3	109.3	109.3	109.0	109.3	109.3	109.3	109.0	109.3	109.3
51°	107.6	107.8	107.8	107.8	107.5	107.8	107.8	107.8	107.6	107.8	107.8
51.5°	106.1	106.3	106.4	106.4	106.1	106.4	106.4	106.3	106.1	106.3	106.4
52°	104.7	104.8	104.9	105.0	104.6	105.0	104.9	104.8	104.7	104.8	104.9
52.5°	103.2	103.3	103.4	103.5	103.0	103.5	103.4	103.3	103.2	103.3	103.4
53°	101.7	101.8	101.9	102.0	101.5	102.0	101.9	101.8	101.7	101.8	101.9
53.5°	100.3	100.3	100.4	100.5	100.1	100.5	100.4	100.3	100.3	100.3	100.4
54°	98.8	98.8	99.0	99.0	98.6	99.0	99.0	98.8	98.8	98.8	99.0
54.5°	97.3	97.3	97.5	97.6	97.1	97.6	97.5	97.3	97.3	97.3	97.5
55°	95.8	95.8	95.9	96.1	95.5	96.1	95.9	95.8	95.8	95.8	95.9
55.5°	94.3	94.3	94.4	94.6	94.0	94.6	94.4	94.3	94.3	94.3	94.4
56°	92.8	92.8	92.9	93.1	92.5	93.1	92.9	92.8	92.8	92.8	92.9
56.5°	91.3	91.3	91.4	91.6	91.0	91.6	91.4	91.3	91.3	91.3	91.4
57°	89.7	89.8	89.9	90.0	89.5	90.0	89.9	89.8	89.7	89.8	89.9
57.5°	88.2	88.3	88.4	88.5	88.0	88.5	88.4	88.3	88.2	88.3	88.4
58°	86.7	86.7	86.9	87.0	86.5	87.0	86.9	86.7	86.7	86.7	86.9
58.5°	85.2	85.3	85.4	85.5	85.0	85.5	85.4	85.3	85.2	85.3	85.4
59°	83.7	83.8	83.9	84.0	83.5	84.0	83.9	83.8	83.7	83.8	83.9
59.5°	82.1	82.2	82.3	82.4	82.0	82.4	82.3	82.2	82.1	82.2	82.3
60°	80.6	80.7	80.8	80.9	80.5	80.9	80.8	80.7	80.6	80.7	80.8
60.5°	79.1	79.2	79.3	79.4	79.1	79.4	79.3	79.2	79.1	79.2	79.3
61°	77.6	77.7	77.8	77.8	77.5	77.8	77.8	77.7	77.6	77.7	77.8
61.5°	76.0	76.1	76.2	76.3	76.1	76.3	76.2	76.1	76.0	76.1	76.2
62°	74.5	74.6	74.7	74.8	74.5	74.8	74.7	74.6	74.5	74.6	74.7
62.5°	72.9	73.1	73.2	73.2	73.1	73.2	73.2	73.1	72.9	73.1	73.2
63°	71.4	71.6	71.6	71.7	71.6	71.7	71.6	71.6	71.4	71.6	71.6
63.5°	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	69.9	70.1	70.1
64°	68.3	68.6	68.5	68.6	68.5	68.6	68.5	68.6	68.3	68.6	68.5
64.5°	66.8	67.1	67.0	67.1	67.0	67.1	67.0	67.1	66.8	67.1	67.0
65°	65.2	65.6	65.5	65.5	65.6	65.5	65.5	65.6	65.2	65.6	65.5
65.5°	63.7	64.1	64.0	64.0	64.1	64.0	64.0	64.1	63.7	64.1	64.0
66°	62.2	62.5	62.4	62.4	62.5	62.4	62.4	62.5	62.2	62.5	62.4
66.5°	60.6	61.0	60.9	60.9	61.1	60.9	60.9	61.0	60.6	61.0	60.9
67°	59.1	59.5	59.4	59.4	59.6	59.4	59.4	59.5	59.1	59.5	59.4

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

Scaled Data Report

TEST NUMBER: P1596606
CATALOG NUMBER: HLB2SLSFS5-LO-4000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	57.6	58.0	57.9	57.9	58.1	57.9	57.9	58.0	57.6	58.0	57.9
68°	56.1	56.5	56.4	56.3	56.5	56.3	56.4	56.5	56.1	56.5	56.4
68.5°	54.5	55.0	54.9	54.8	55.1	54.8	54.9	55.0	54.5	55.0	54.9
69°	53.0	53.5	53.4	53.3	53.6	53.3	53.4	53.5	53.0	53.5	53.4
69.5°	51.5	52.0	51.9	51.8	52.1	51.8	51.9	52.0	51.5	52.0	51.9
70°	50.0	50.5	50.4	50.3	50.6	50.3	50.4	50.5	50.0	50.5	50.4
70.5°	48.5	49.0	48.9	48.8	49.1	48.8	48.9	49.0	48.5	49.0	48.9
71°	47.0	47.6	47.5	47.4	47.7	47.4	47.5	47.6	47.0	47.6	47.5
71.5°	45.6	46.1	46.0	45.9	46.2	45.9	46.0	46.1	45.6	46.1	46.0
72°	44.1	44.7	44.6	44.4	44.7	44.4	44.6	44.7	44.1	44.7	44.6
72.5°	42.7	43.2	43.1	43.0	43.3	43.0	43.1	43.2	42.7	43.2	43.1
73°	41.2	41.8	41.7	41.5	41.9	41.5	41.7	41.8	41.2	41.8	41.7
73.5°	39.8	40.3	40.2	40.1	40.4	40.1	40.2	40.3	39.8	40.3	40.2
74°	38.4	38.9	38.8	38.7	39.0	38.7	38.8	38.9	38.4	38.9	38.8
74.5°	37.0	37.5	37.4	37.3	37.6	37.3	37.4	37.5	37.0	37.5	37.4
75°	35.6	36.1	36.0	35.9	36.2	35.9	36.0	36.1	35.6	36.1	36.0
75.5°	34.2	34.7	34.6	34.5	34.8	34.5	34.6	34.7	34.2	34.7	34.6
76°	32.8	33.2	33.2	33.1	33.3	33.1	33.2	33.2	32.8	33.2	33.2
76.5°	31.4	31.8	31.8	31.7	31.9	31.7	31.8	31.8	31.4	31.8	31.8
77°	30.1	30.5	30.4	30.4	30.5	30.4	30.4	30.5	30.1	30.5	30.4
77.5°	28.8	29.1	29.1	29.0	29.2	29.0	29.1	29.1	28.8	29.1	29.1
78°	27.4	27.7	27.7	27.6	27.8	27.6	27.7	27.7	27.4	27.7	27.7
78.5°	26.0	26.3	26.4	26.3	26.5	26.3	26.4	26.3	26.0	26.3	26.4
79°	24.7	24.9	25.0	24.9	25.1	24.9	25.0	24.9	24.7	24.9	25.0
79.5°	23.4	23.6	23.7	23.6	23.7	23.6	23.7	23.6	23.4	23.6	23.7
80°	22.0	22.2	22.3	22.2	22.3	22.2	22.3	22.2	22.0	22.2	22.3
80.5°	20.7	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.7	20.9	20.9
81°	19.4	19.5	19.6	19.6	19.6	19.6	19.6	19.5	19.4	19.5	19.6
81.5°	18.1	18.2	18.3	18.3	18.3	18.3	18.3	18.2	18.1	18.2	18.3
82°	16.8	16.8	17.0	17.0	16.9	17.0	17.0	16.8	16.8	16.8	17.0
82.5°	15.5	15.5	15.7	15.7	15.6	15.7	15.7	15.5	15.5	15.5	15.7
83°	14.2	14.2	14.4	14.4	14.3	14.4	14.4	14.2	14.2	14.2	14.4
83.5°	12.9	12.9	13.1	13.1	13.0	13.1	13.1	12.9	12.9	12.9	13.1
84°	11.7	11.7	11.8	11.8	11.8	11.8	11.8	11.7	11.7	11.7	11.8
84.5°	10.4	10.4	10.5	10.6	10.5	10.6	10.5	10.4	10.4	10.4	10.5
85°	9.2	9.2	9.3	9.3	9.3	9.3	9.3	9.2	9.2	9.2	9.3
85.5°	8.0	7.9	8.0	8.1	8.0	8.1	8.0	7.9	8.0	7.9	8.0
86°	6.8	6.7	6.8	6.9	6.8	6.9	6.8	6.7	6.8	6.7	6.8
86.5°	5.5	5.5	5.5	5.6	5.6	5.6	5.5	5.5	5.5	5.5	5.5
87°	4.3	4.3	4.3	4.5	4.4	4.5	4.3	4.3	4.3	4.3	4.3
87.5°	3.2	3.1	3.3	3.5	3.2	3.5	3.3	3.1	3.2	3.1	3.3
88°	2.0	2.1	2.3	2.5	2.2	2.5	2.3	2.1	2.0	2.1	2.3
88.5°	1.2	1.3	1.4	1.7	1.5	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
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

TEST NUMBER: P1596606
CATALOG NUMBER: HLB2SLSFS5-LO-4000K

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	0.1	*0.1*	0.1	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: P1596606
CATALOG NUMBER: HLB2SLSFS5-LO-4000K

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: P1596606
CATALOG NUMBER: HLB2SLSFS5-LO-4000K

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: P1596606
CATALOG NUMBER: HLB2SLSFS5-LO-4000K

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	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.1
163°	0.1	0.1	0.1	0.2	0.1	0.2	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	0.2	0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.2
165°	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.2
165.5°	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.2
166°	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.2
166.5°	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.2
167°	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.2
167.5°	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2
168°	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2
168.5°	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2
169°	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2
169.5°	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.2
170°	0.2	0.1	0.2	0.2	0.1	0.2	0.2	0.1	0.2	0.1	0.2
170.5°	0.2	0.1	0.2	0.2	0.1	0.2	0.2	0.1	0.2	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	0.2	0.1	0.2	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	0.2	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: P1596606
CATALOG NUMBER: HLB2SLSFS5-LO-4000K

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: P1596606
CATALOG NUMBER: HLB2SLSFS5-LO-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	201.0	201.0	201.0	201.0	201.0	201.0
0.5°	*201.0*	*201.1*	*201.0*	*201.0*	*201.0*	*201.0*
1°	201.0	201.1	201.0	201.0	201.0	201.0
1.5°	200.9	200.9	200.9	200.9	201.0	201.0
2°	200.8	200.8	200.8	200.8	200.9	200.9
2.5°	200.8	200.8	200.8	200.8	200.9	200.9
3°	200.7	200.7	200.7	200.7	200.7	200.7
3.5°	200.5	200.6	200.5	200.5	200.6	200.6
4°	200.4	200.4	200.4	200.4	200.4	200.4
4.5°	200.2	200.2	200.2	200.2	200.3	200.2
5°	200.0	200.1	200.0	200.0	200.1	200.1
5.5°	199.8	199.8	199.8	199.8	199.8	199.9
6°	199.6	199.5	199.6	199.6	199.6	199.6
6.5°	199.3	199.3	199.3	199.3	199.3	199.3
7°	199.0	199.0	199.0	199.1	199.0	199.0
7.5°	198.7	198.7	198.7	198.8	198.8	198.8
8°	198.4	198.4	198.4	198.4	198.5	198.4
8.5°	198.1	198.1	198.1	198.1	198.1	198.0
9°	197.7	197.7	197.7	197.7	197.7	197.6
9.5°	197.3	197.2	197.3	197.3	197.4	197.3
10°	196.8	196.8	196.8	196.9	196.9	196.9
10.5°	196.5	196.4	196.5	196.5	196.5	196.4
11°	196.1	196.0	196.1	196.0	196.1	195.9
11.5°	195.5	195.5	195.5	195.6	195.6	195.4
12°	195.0	194.9	195.0	195.0	195.0	195.0
12.5°	194.5	194.4	194.5	194.5	194.5	194.5
13°	194.0	193.9	194.0	194.1	194.0	193.9
13.5°	193.4	193.4	193.4	193.5	193.5	193.3
14°	192.8	192.7	192.8	192.9	192.8	192.7
14.5°	192.2	192.1	192.2	192.3	192.2	192.2
15°	191.6	191.5	191.6	191.7	191.6	191.5
15.5°	191.0	190.8	191.0	191.0	191.0	190.8
16°	190.3	190.1	190.3	190.3	190.3	190.1
16.5°	189.6	189.5	189.6	189.7	189.6	189.5
17°	188.9	188.8	188.9	189.0	188.9	188.8
17.5°	188.2	188.0	188.2	188.3	188.2	188.1
18°	187.5	187.2	187.5	187.5	187.4	187.3
18.5°	186.7	186.5	186.7	186.8	186.7	186.5
19°	185.9	185.7	185.9	186.0	185.9	185.7
19.5°	185.1	184.9	185.1	185.2	185.1	184.9
20°	184.3	184.1	184.3	184.4	184.2	184.1
20.5°	183.5	183.3	183.5	183.5	183.4	183.3
21°	182.6	182.4	182.6	182.7	182.6	182.4
21.5°	181.7	181.5	181.7	181.8	181.7	181.5
22°	180.8	180.6	180.8	180.9	180.8	180.6

Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report

TEST NUMBER: P1596606
CATALOG NUMBER: HLB2SLSFS5-LO-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	180.0	179.7	180.0	180.0	179.9	179.7
23°	179.0	178.7	179.0	179.1	179.0	178.8
23.5°	178.1	177.8	178.1	178.2	178.1	177.8
24°	177.1	176.9	177.1	177.2	177.1	176.8
24.5°	176.2	175.9	176.2	176.2	176.1	175.8
25°	175.2	174.8	175.2	175.2	175.1	174.9
25.5°	174.2	173.9	174.2	174.2	174.1	173.9
26°	173.2	172.9	173.2	173.2	173.1	172.8
26.5°	172.1	171.8	172.1	172.2	172.1	171.8
27°	171.1	170.7	171.1	171.1	171.0	170.7
27.5°	170.0	169.6	170.0	170.1	170.0	169.7
28°	168.9	168.6	168.9	169.0	168.8	168.6
28.5°	167.8	167.5	167.8	167.9	167.8	167.5
29°	166.7	166.4	166.7	166.8	166.6	166.4
29.5°	165.6	165.3	165.6	165.7	165.5	165.2
30°	164.5	164.1	164.5	164.5	164.4	164.1
30.5°	163.3	163.0	163.3	163.4	163.2	163.0
31°	162.1	161.8	162.1	162.2	162.1	161.8
31.5°	160.9	160.7	160.9	161.0	160.9	160.6
32°	159.8	159.4	159.8	159.8	159.7	159.4
32.5°	158.6	158.2	158.6	158.6	158.5	158.2
33°	157.3	157.0	157.3	157.4	157.3	157.0
33.5°	156.1	155.8	156.1	156.2	156.0	155.7
34°	154.9	154.5	154.9	154.9	154.8	154.5
34.5°	153.6	153.3	153.6	153.7	153.6	153.2
35°	152.4	152.0	152.4	152.4	152.3	151.9
35.5°	151.1	150.8	151.1	151.1	151.0	150.7
36°	149.8	149.5	149.8	149.8	149.8	149.4
36.5°	148.5	148.2	148.5	148.5	148.5	148.1
37°	147.2	146.9	147.2	147.2	147.1	146.8
37.5°	145.9	145.6	145.9	145.9	145.8	145.5
38°	144.6	144.2	144.6	144.6	144.5	144.1
38.5°	143.2	142.9	143.2	143.2	143.2	142.8
39°	141.9	141.6	141.9	141.9	141.8	141.5
39.5°	140.5	140.2	140.5	140.6	140.5	140.1
40°	139.1	138.8	139.1	139.2	139.1	138.7
40.5°	137.8	137.5	137.8	137.8	137.8	137.4
41°	136.4	136.1	136.4	136.5	136.4	136.0
41.5°	135.0	134.7	135.0	135.1	135.0	134.6
42°	133.6	133.3	133.6	133.7	133.6	133.2
42.5°	132.2	131.9	132.2	132.3	132.2	131.8
43°	130.8	130.5	130.8	130.9	130.9	130.4
43.5°	129.4	129.2	129.4	129.5	129.5	129.0
44°	128.0	127.8	128.0	128.0	128.0	127.6
44.5°	126.6	126.4	126.6	126.7	126.6	126.2

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

Scaled Data Report

TEST NUMBER: P1596606
CATALOG NUMBER: HLB2SLSFS5-LO-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	125.2	124.9	125.2	125.2	125.2	124.7
45.5°	123.7	123.5	123.7	123.8	123.8	123.3
46°	122.3	122.1	122.3	122.4	122.3	121.9
46.5°	120.9	120.6	120.9	120.9	120.9	120.5
47°	119.4	119.2	119.4	119.5	119.5	119.0
47.5°	118.0	117.8	118.0	118.1	118.0	117.6
48°	116.6	116.3	116.6	116.6	116.6	116.2
48.5°	115.1	114.8	115.1	115.2	115.2	114.8
49°	113.6	113.4	113.6	113.7	113.7	113.4
49.5°	112.2	111.9	112.2	112.3	112.2	111.9
50°	110.8	110.5	110.8	110.8	110.7	110.4
50.5°	109.3	109.0	109.3	109.3	109.3	109.0
51°	107.8	107.5	107.8	107.8	107.8	107.6
51.5°	106.4	106.1	106.4	106.4	106.3	106.1
52°	105.0	104.6	105.0	104.9	104.8	104.7
52.5°	103.5	103.0	103.5	103.4	103.3	103.2
53°	102.0	101.5	102.0	101.9	101.8	101.7
53.5°	100.5	100.1	100.5	100.4	100.3	100.3
54°	99.0	98.6	99.0	99.0	98.8	98.8
54.5°	97.6	97.1	97.6	97.5	97.3	97.3
55°	96.1	95.5	96.1	95.9	95.8	95.8
55.5°	94.6	94.0	94.6	94.4	94.3	94.3
56°	93.1	92.5	93.1	92.9	92.8	92.8
56.5°	91.6	91.0	91.6	91.4	91.3	91.3
57°	90.0	89.5	90.0	89.9	89.8	89.7
57.5°	88.5	88.0	88.5	88.4	88.3	88.2
58°	87.0	86.5	87.0	86.9	86.7	86.7
58.5°	85.5	85.0	85.5	85.4	85.3	85.2
59°	84.0	83.5	84.0	83.9	83.8	83.7
59.5°	82.4	82.0	82.4	82.3	82.2	82.1
60°	80.9	80.5	80.9	80.8	80.7	80.6
60.5°	79.4	79.1	79.4	79.3	79.2	79.1
61°	77.8	77.5	77.8	77.8	77.7	77.6
61.5°	76.3	76.1	76.3	76.2	76.1	76.0
62°	74.8	74.5	74.8	74.7	74.6	74.5
62.5°	73.2	73.1	73.2	73.2	73.1	72.9
63°	71.7	71.6	71.7	71.6	71.6	71.4
63.5°	70.1	70.1	70.1	70.1	70.1	69.9
64°	68.6	68.5	68.6	68.5	68.6	68.3
64.5°	67.1	67.0	67.1	67.0	67.1	66.8
65°	65.5	65.6	65.5	65.5	65.6	65.2
65.5°	64.0	64.1	64.0	64.0	64.1	63.7
66°	62.4	62.5	62.4	62.4	62.5	62.2
66.5°	60.9	61.1	60.9	60.9	61.0	60.6
67°	59.4	59.6	59.4	59.4	59.5	59.1

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

Scaled Data Report

TEST NUMBER: P1596606
CATALOG NUMBER: HLB2SLSFS5-LO-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	57.9	58.1	57.9	57.9	58.0	57.6
68°	56.3	56.5	56.3	56.4	56.5	56.1
68.5°	54.8	55.1	54.8	54.9	55.0	54.5
69°	53.3	53.6	53.3	53.4	53.5	53.0
69.5°	51.8	52.1	51.8	51.9	52.0	51.5
70°	50.3	50.6	50.3	50.4	50.5	50.0
70.5°	48.8	49.1	48.8	48.9	49.0	48.5
71°	47.4	47.7	47.4	47.5	47.6	47.0
71.5°	45.9	46.2	45.9	46.0	46.1	45.6
72°	44.4	44.7	44.4	44.6	44.7	44.1
72.5°	43.0	43.3	43.0	43.1	43.2	42.7
73°	41.5	41.9	41.5	41.7	41.8	41.2
73.5°	40.1	40.4	40.1	40.2	40.3	39.8
74°	38.7	39.0	38.7	38.8	38.9	38.4
74.5°	37.3	37.6	37.3	37.4	37.5	37.0
75°	35.9	36.2	35.9	36.0	36.1	35.6
75.5°	34.5	34.8	34.5	34.6	34.7	34.2
76°	33.1	33.3	33.1	33.2	33.2	32.8
76.5°	31.7	31.9	31.7	31.8	31.8	31.4
77°	30.4	30.5	30.4	30.4	30.5	30.1
77.5°	29.0	29.2	29.0	29.1	29.1	28.8
78°	27.6	27.8	27.6	27.7	27.7	27.4
78.5°	26.3	26.5	26.3	26.4	26.3	26.0
79°	24.9	25.1	24.9	25.0	24.9	24.7
79.5°	23.6	23.7	23.6	23.7	23.6	23.4
80°	22.2	22.3	22.2	22.3	22.2	22.0
80.5°	20.9	20.9	20.9	20.9	20.9	20.7
81°	19.6	19.6	19.6	19.6	19.5	19.4
81.5°	18.3	18.3	18.3	18.3	18.2	18.1
82°	17.0	16.9	17.0	17.0	16.8	16.8
82.5°	15.7	15.6	15.7	15.7	15.5	15.5
83°	14.4	14.3	14.4	14.4	14.2	14.2
83.5°	13.1	13.0	13.1	13.1	12.9	12.9
84°	11.8	11.8	11.8	11.8	11.7	11.7
84.5°	10.6	10.5	10.6	10.5	10.4	10.4
85°	9.3	9.3	9.3	9.3	9.2	9.2
85.5°	8.1	8.0	8.1	8.0	7.9	8.0
86°	6.9	6.8	6.9	6.8	6.7	6.8
86.5°	5.6	5.6	5.6	5.5	5.5	5.5
87°	4.5	4.4	4.5	4.3	4.3	4.3
87.5°	3.5	3.2	3.5	3.3	3.1	3.2
88°	2.5	2.2	2.5	2.3	2.1	2.0
88.5°	1.7	1.5	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: P1596606
CATALOG NUMBER: HLB2SLSFS5-LO-4000K

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°	0.1	0.1	0.1	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: P1596606
CATALOG NUMBER: HLB2SLSFS5-LO-4000K

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: P1596606
CATALOG NUMBER: HLB2SLSFS5-LO-4000K

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: P1596606
CATALOG NUMBER: HLB2SLSFS5-LO-4000K

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°	0.2	0.1	0.2	0.1	0.1	0.1
163°	0.2	0.1	0.2	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	0.2	0.1	0.1
165°	0.2	0.2	0.2	0.2	0.1	0.1
165.5°	0.2	0.2	0.2	0.2	0.1	0.1
166°	0.2	0.2	0.2	0.2	0.1	0.1
166.5°	0.2	0.2	0.2	0.2	0.1	0.1
167°	0.2	0.2	0.2	0.2	0.1	0.1
167.5°	0.2	0.2	0.2	0.2	0.2	0.1
168°	0.2	0.2	0.2	0.2	0.2	0.1
168.5°	0.2	0.2	0.2	0.2	0.2	0.1
169°	0.2	0.2	0.2	0.2	0.2	0.1
169.5°	0.2	0.2	0.2	0.2	0.1	0.1
170°	0.2	0.1	0.2	0.2	0.1	0.2
170.5°	0.2	0.1	0.2	0.2	0.1	0.2
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°	0.2	0.1	0.2	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	0.2	0.1	0.1	0.1	0.1

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report

TEST NUMBER: P1596606
CATALOG NUMBER: HLB2SLSFS5-LO-4000K

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: P1596606
CATALOG NUMBER: HLB2SLSFS5-LO-4000K

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	30.82	32.45	31.18	32.76	33.08	30.83	32.46	31.20	32.78	33.09
	3H	32.62	34.09	33.00	34.42	34.78	32.64	34.11	33.02	34.44	34.80
	4H	33.31	34.70	33.71	35.05	35.42	33.34	34.72	33.73	35.07	35.45
	6H	33.84	35.12	34.25	35.49	35.88	33.87	35.16	34.28	35.52	35.92
	8H	34.01	35.24	34.44	35.63	36.03	34.04	35.27	34.47	35.66	36.06
	12H	34.08	35.26	34.51	35.64	36.07	34.12	35.30	34.55	35.68	36.11
4H	2H	31.45	32.84	31.85	33.19	33.57	31.46	32.85	31.86	33.20	33.58
	3H	33.48	34.65	33.89	35.05	35.45	33.49	34.66	33.90	35.06	35.46
	4H	34.31	35.36	34.74	35.78	36.22	34.32	35.38	34.75	35.79	36.23
	6H	34.97	35.89	35.43	36.33	36.79	34.99	35.91	35.44	36.35	36.81
	8H	35.19	36.06	35.65	36.50	36.97	35.21	36.08	35.68	36.52	36.99
	12H	35.32	36.10	35.80	36.58	37.05	35.35	36.12	35.83	36.60	37.07
8H	4H	34.64	35.50	35.10	35.94	36.41	34.65	35.51	35.11	35.96	36.42
	6H	35.43	36.15	35.92	36.64	37.11	35.45	36.16	35.94	36.65	37.13
	8H	35.73	36.37	36.24	36.88	37.37	35.75	36.39	36.26	36.90	37.39
	12H	35.93	36.50	36.44	37.00	37.56	35.96	36.53	36.47	37.02	37.58
12H	4H	34.68	35.45	35.16	35.93	36.40	34.69	35.46	35.17	35.94	36.41
	6H	35.49	36.14	36.00	36.65	37.13	35.51	36.15	36.02	36.66	37.15
	8H	35.85	36.42	36.36	36.91	37.47	35.87	36.44	36.38	36.93	37.49

END OF REPORT