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: P1596583

Luminaire Tested: HLB2LSFS5-HI-2700K

Issue Date: 10/7/2026

Report Generated By 670265710 / DESKTOP-98SHLC4

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

Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1596583
	TEST IS SCALED FROM IESNA LM-79-24 TEST DATA (A2600263A001)
Test Lab:	COOPER LIGHTING SOLUTIONS
Issue Date:	10/7/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	HALO
Catalog Number:	HLB2LSFS5-HI-2700K
Description:	HLB2 2" ROUND SLIM LOW GLARE CANLESS LED DOWNLIGHT
Light Source:	2700K CCT, 90 CRI LEDS
Ballast/Driver:	-

Summary

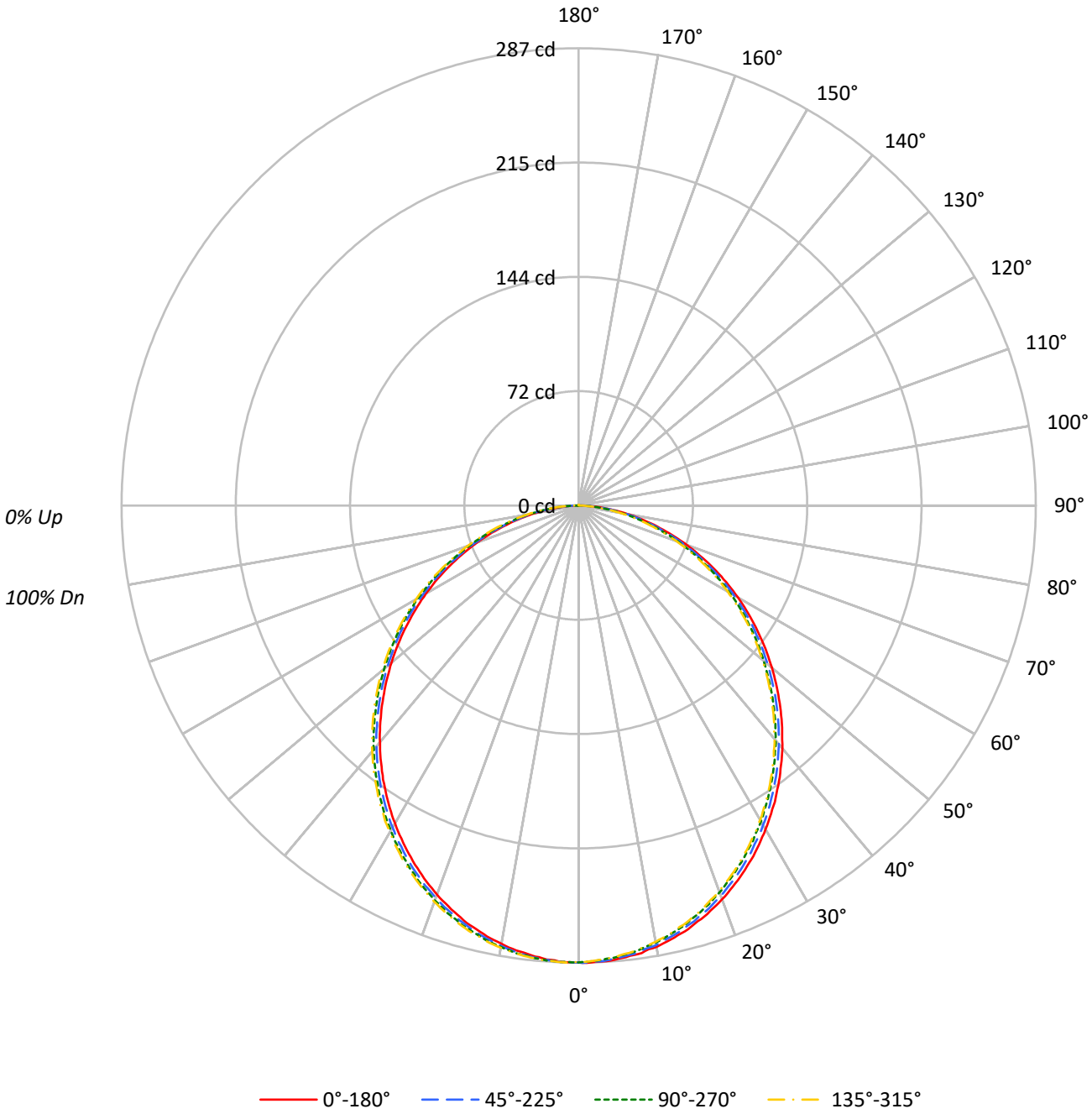
Lumens per Lamp:	N/A
Luminaire Lumens:	765.1 lumens
Efficiency:	N/A
Efficacy:	93.3 lumens/watt
Spacing Criteria (0/90/45):	1.21 / 1.21 / 1.32
Luminous Opening:	Rectangular (W 0.12' x L: 0.12' x H: 0')
CIE Type:	Direct
Input Watts (W):	8.2
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	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

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

Scaled Data Report

TEST NUMBER: P1596583
CATALOG NUMBER: HLB2LSFS5-HI-2700K

Luminous Intensity Polar Plot



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

Scaled Data Report

TEST NUMBER: P1596583
CATALOG NUMBER: HLB2LSFS5-HI-2700K

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	98	94	91	94	91	89	90	88	86	84
2	99	91	84	78	96	89	83	77	85	80	76	82	78	74	79	75	72	70
3	90	80	72	65	88	78	71	65	75	69	64	73	67	62	70	65	61	59
4	83	71	62	55	81	70	61	55	67	60	54	65	59	54	63	57	53	51
5	76	63	54	48	74	62	54	48	60	53	47	58	52	47	56	51	46	44
6	70	57	48	42	69	56	48	42	54	47	41	53	46	41	51	45	41	39
7	65	52	43	37	64	51	43	37	50	42	37	48	41	36	47	41	36	34
8	61	47	39	33	59	47	39	33	45	38	33	44	37	33	43	37	32	30
9	57	44	35	30	55	43	35	30	42	35	30	41	34	29	40	34	29	27
10	53	40	32	27	52	40	32	27	39	32	27	38	31	27	37	31	27	25

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	197643	197643	197643	197643
5°	197499	196600	196876	197568
10°	196844	194886	195445	196844
15°	195129	192419	193489	195486
20°	192952	189507	190607	193466
25°	190027	185998	187138	190863
30°	186695	182161	183275	187570
35°	182913	177615	179213	184006
40°	178957	173022	174551	179946
45°	174389	167861	169517	175460
50°	169761	162473	164402	170618
55°	164663	156976	158658	165864
60°	158858	150729	152383	160236
65°	152410	143282	145075	153551
70°	144618	133943	135957	145424
75°	135745	122703	124832	135745
80°	124172	107510	109494	122982
85°	105125	80622	80622	103544

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 292.5°
Vertical Angle: 45°
Luminance: 177506 cd/sqm

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

Scaled Data Report

TEST NUMBER: P1596583
CATALOG NUMBER: HLB2LSFS5-HI-2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.1	3.5
10°-20°	76.7	10.0
20°-30°	114.2	14.9
30°-40°	134.6	17.6
40°-50°	136.0	17.8
50°-60°	120.2	15.7
60°-70°	90.2	11.8
70°-80°	51.6	6.7
80°-90°	13.6	1.8
90°-100°	0.1	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°	218.0	28.5
0°-40°	352.6	46.1
0°-60°	608.9	79.6
0°-90°	764.3	99.9
90°-120°	0.3	0.0
90°-150°	0.6	0.1
90°-180°	1.0	0.1
0°-180°	765.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	287	287	287	287	287	
5°	286	284	285	286	286	27
15°	274	270	271	274	274	77
25°	250	245	246	251	250	115
35°	218	211	213	219	218	136
45°	179	172	174	180	179	138
55°	137	131	132	138	137	122
65°	94	88	89	94	94	93
75°	51	46	47	51	51	54
85°	13	10	10	13	13	15
90°	0	0	0	1	0	1
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	

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

Scaled Data Report

TEST NUMBER: P1596583
CATALOG NUMBER: HLB2LSFS5-HI-2700K

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	286.9	*286.9*	286.9	286.9	286.9	286.9	286.9	286.9	286.9	286.9	286.9
0.5°	287.1	*287.1*	287.2	287.0	286.6	286.4	286.8	286.7	286.9	287.1	287.0
1°	*287.2*	*287.3*	*286.9*	*286.8*	*286.5*	*286.3*	*286.4*	*286.6*	*286.8*	*287.2*	*286.9*
1.5°	287.1	*287.1*	286.7	286.6	286.4	286.1	286.2	286.5	286.8	287.0	286.9
2°	286.8	*286.7*	286.5	286.6	286.1	285.8	286.0	286.2	286.7	286.7	286.9
2.5°	286.7	*286.8*	286.5	286.6	285.8	285.6	285.7	286.0	286.5	286.4	286.7
3°	286.7	*286.6*	286.4	286.1	285.6	285.4	285.3	285.8	286.0	286.3	286.6
3.5°	286.6	*286.2*	286.1	285.6	285.1	285.1	285.0	285.6	285.7	286.4	286.3
4°	286.4	*286.0*	285.8	285.4	285.0	284.8	284.9	285.1	285.7	286.1	286.0
4.5°	286.1	*285.8*	285.4	285.4	284.8	284.3	284.6	284.5	285.3	285.7	285.8
5°	285.6	*285.6*	285.1	285.1	284.3	283.7	284.0	284.2	284.7	285.2	285.5
5.5°	285.4	*285.2*	284.7	284.4	283.7	283.3	283.3	284.0	284.5	284.9	285.2
6°	285.1	*284.5*	284.2	283.9	283.2	282.9	282.9	283.5	284.0	284.5	284.9
6.5°	284.6	*284.3*	283.9	283.6	282.8	282.4	282.6	283.0	283.4	284.2	284.4
7°	284.3	*284.1*	283.6	283.1	282.4	281.7	282.1	282.5	282.8	283.5	283.9
7.5°	284.2	*283.6*	283.2	282.6	281.9	281.1	281.4	281.8	282.5	283.1	283.4
8°	283.7	*282.8*	282.3	281.9	281.2	280.6	280.8	281.4	282.0	282.6	283.1
8.5°	282.7	*282.5*	281.6	281.3	280.4	279.8	280.3	280.6	281.4	282.0	282.6
9°	282.0	*281.9*	281.1	280.8	279.8	279.3	279.6	279.9	280.9	281.5	282.0
9.5°	281.8	*281.2*	280.8	280.2	279.3	278.6	278.8	279.4	280.1	280.8	281.3
10°	281.4	*280.6*	280.2	279.4	278.6	277.7	278.1	278.8	279.4	280.1	280.7
10.5°	280.7	*280.1*	279.3	278.5	277.9	277.0	277.3	277.8	278.6	279.5	280.0
11°	280.0	*279.4*	278.4	277.9	277.1	276.2	276.6	277.1	278.0	278.8	279.4
11.5°	279.2	*278.7*	277.7	277.3	276.3	275.4	275.7	276.3	277.4	278.0	278.6
12°	278.5	*277.8*	277.0	276.4	275.4	274.5	275.0	275.6	276.6	277.2	278.0
12.5°	277.8	*276.9*	276.2	275.5	274.5	273.5	274.0	274.7	275.6	276.5	277.2
13°	276.9	*276.3*	275.4	274.6	273.7	272.7	273.0	273.9	274.7	275.7	276.4
13.5°	276.1	*275.5*	274.7	273.8	272.8	272.0	272.0	272.9	273.8	274.8	275.5
14°	275.5	*274.7*	273.6	272.9	272.0	271.0	271.3	271.8	272.9	273.7	274.8
14.5°	274.7	*273.7*	272.5	272.0	270.9	269.7	270.4	270.9	272.1	272.9	273.7
15°	273.6	*272.8*	271.7	271.0	269.8	268.6	269.2	270.1	271.3	272.0	272.8
15.5°	272.5	*271.9*	270.9	269.9	268.7	267.8	268.1	269.1	270.2	271.1	271.9
16°	271.5	*270.9*	269.8	268.8	267.8	266.8	267.1	268.0	269.0	270.0	271.0
16.5°	270.8	*269.8*	268.5	267.8	266.9	265.6	266.1	266.9	267.9	268.9	269.9
17°	269.9	*268.7*	267.6	266.8	265.7	264.4	265.0	265.7	266.9	268.0	268.7
17.5°	268.8	*267.7*	266.8	265.8	264.5	263.3	263.8	264.7	265.9	267.0	267.8
18°	267.5	*266.6*	265.7	264.7	263.5	262.2	262.5	263.6	264.6	266.0	266.8
18.5°	266.5	*265.5*	264.4	263.5	262.3	260.8	261.2	262.3	263.4	264.7	265.7
19°	265.5	*264.4*	263.1	262.2	260.9	259.7	260.2	261.1	262.4	263.3	264.6
19.5°	264.3	*263.1*	261.9	261.0	259.6	258.5	259.1	260.0	261.3	262.3	263.4
20°	263.2	*262.1*	260.8	259.8	258.5	257.1	257.6	258.8	260.0	261.2	262.2
20.5°	262.1	*260.9*	259.6	258.5	257.3	255.8	256.3	257.4	258.6	259.9	260.9
21°	260.8	*259.6*	258.2	257.4	255.9	254.5	255.1	256.1	257.3	258.7	259.6
21.5°	259.5	*258.4*	256.8	256.0	254.4	253.3	253.7	254.6	256.1	257.3	258.4
22°	258.1	*257.0*	255.6	254.5	253.2	251.9	252.3	253.4	254.8	256.0	257.4

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

Scaled Data Report

TEST NUMBER: P1596583
CATALOG NUMBER: HLB2LSFS5-HI-2700K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
22.5°	256.9	255.6	254.4	253.1	251.9	250.3	250.9	252.1	253.5	254.8	255.9
23°	255.6	254.2	253.0	251.9	250.5	248.9	249.6	250.7	252.0	253.4	254.5
23.5°	254.3	253.0	251.6	250.5	249.0	247.6	248.2	249.2	250.5	252.0	253.1
24°	252.9	251.7	250.3	249.1	247.5	246.2	246.7	247.8	249.1	250.5	251.8
24.5°	251.5	250.2	248.7	247.8	246.1	244.7	245.2	246.3	247.9	249.2	250.5
25°	250.0	248.8	247.1	246.2	244.7	243.3	243.6	245.0	246.2	247.8	249.0
25.5°	248.5	247.2	245.8	244.7	243.2	241.8	242.1	243.4	244.7	246.3	247.5
26°	247.3	245.9	244.4	243.3	241.6	240.1	240.8	241.8	243.3	244.5	246.1
26.5°	245.9	244.3	242.9	241.6	240.0	238.4	239.2	240.3	241.8	243.3	244.5
27°	244.3	242.7	241.1	240.0	238.7	236.9	237.5	238.8	240.2	242.0	242.9
27.5°	242.7	241.3	239.5	238.7	237.1	235.4	235.9	237.2	238.6	240.2	241.3
28°	241.2	239.8	238.0	237.1	235.3	233.7	234.5	235.5	237.0	238.4	240.0
28.5°	239.5	238.2	236.6	235.2	233.6	232.2	233.0	233.9	235.5	237.0	238.6
29°	237.9	236.5	235.1	233.7	232.1	230.6	231.2	232.4	234.0	235.5	237.0
29.5°	236.4	234.8	233.4	232.2	230.5	228.9	229.4	230.9	232.3	233.9	235.2
30°	234.7	233.2	231.5	230.6	229.0	227.1	227.9	229.2	230.4	232.2	233.5
30.5°	233.1	231.6	230.0	228.8	227.3	225.4	226.3	227.4	228.9	230.5	232.0
31°	231.5	230.0	228.3	227.1	225.3	223.8	224.4	225.5	227.4	228.9	230.4
31.5°	229.8	228.4	226.6	225.5	223.5	222.2	222.7	223.9	225.5	227.2	228.4
32°	228.1	226.7	224.9	223.7	221.9	220.2	221.1	222.2	223.7	225.3	226.8
32.5°	226.3	224.9	223.3	221.8	220.3	218.5	219.2	220.4	222.1	223.8	225.3
33°	224.6	223.0	221.4	220.2	218.6	216.8	217.4	218.7	220.3	222.0	223.4
33.5°	223.1	221.3	219.6	218.5	216.6	215.0	215.6	216.8	218.6	220.1	221.6
34°	221.3	219.6	217.8	216.8	214.8	213.1	213.9	215.0	216.7	218.4	219.8
34.5°	219.4	217.9	216.2	214.9	213.1	211.3	212.1	213.2	214.9	216.6	218.2
35°	217.5	216.0	214.3	213.0	211.2	209.5	210.2	211.4	213.1	214.7	216.4
35.5°	215.8	214.2	212.5	211.1	209.4	207.7	208.5	209.6	211.4	213.0	214.5
36°	214.0	212.3	210.7	209.2	207.6	205.7	206.6	207.8	209.4	211.2	212.6
36.5°	212.3	210.5	208.8	207.5	205.7	203.8	204.7	205.8	207.5	209.3	210.7
37°	210.3	208.7	206.9	205.8	203.9	202.0	202.8	204.0	205.6	207.4	208.9
37.5°	208.3	206.9	205.0	203.9	202.0	200.3	200.9	202.1	203.8	205.4	207.1
38°	206.5	204.9	203.1	201.8	200.0	198.3	199.0	200.2	202.0	203.5	205.2
38.5°	204.7	203.0	201.2	199.9	198.0	196.2	196.9	198.3	200.1	201.7	203.3
39°	202.8	201.1	199.3	198.1	196.2	194.3	195.1	196.4	198.0	199.9	201.4
39.5°	200.9	199.2	197.4	196.2	194.4	192.4	193.3	194.4	196.0	197.9	199.4
40°	199.0	197.1	195.5	194.1	192.4	190.5	191.3	192.4	194.1	195.9	197.4
40.5°	197.0	195.3	193.5	192.1	190.4	188.6	189.2	190.4	192.3	193.9	195.4
41°	194.8	193.3	191.6	190.2	188.3	186.5	187.1	188.4	190.2	192.0	193.6
41.5°	192.8	191.4	189.6	188.3	186.4	184.5	185.2	186.5	188.2	189.8	191.7
42°	191.0	189.2	187.6	186.3	184.5	182.5	183.3	184.6	186.3	187.9	189.5
42.5°	189.1	187.2	185.6	184.3	182.5	180.6	181.3	182.5	184.3	186.1	187.4
43°	187.1	185.3	183.7	182.4	180.5	178.5	179.3	180.4	182.1	184.0	185.5
43.5°	185.0	183.4	181.6	180.4	178.4	176.5	177.2	178.4	180.1	181.8	183.4
44°	183.0	181.3	179.5	178.4	176.3	174.4	175.2	176.3	178.2	179.7	181.5
44.5°	181.0	179.2	177.4	176.2	174.3	172.5	173.0	174.3	176.1	177.8	179.4

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

Scaled Data Report

TEST NUMBER: P1596583
CATALOG NUMBER: HLB2LSFS5-HI-2700K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	179.0	177.1	175.5	174.1	172.3	170.4	171.0	172.3	174.0	175.9	177.4
45.5°	177.0	175.2	173.5	172.1	170.3	168.3	169.1	170.3	171.9	173.7	175.4
46°	174.9	173.0	171.4	170.1	168.3	166.3	167.1	168.1	169.9	171.5	173.2
46.5°	172.9	171.0	169.3	168.0	166.2	164.3	165.0	166.0	167.9	169.4	171.1
47°	170.8	169.0	167.1	166.0	164.1	162.2	162.9	164.0	165.9	167.4	169.1
47.5°	168.7	167.0	165.1	163.9	161.9	160.1	160.9	161.9	163.8	165.3	167.1
48°	166.6	164.8	163.1	161.9	159.8	158.1	158.8	159.9	161.7	163.2	164.9
48.5°	164.5	162.7	161.0	159.9	157.8	156.0	156.7	157.8	159.6	161.2	162.7
49°	162.6	160.6	158.9	157.8	155.8	153.9	154.6	155.7	157.5	159.1	160.7
49.5°	160.5	158.6	156.8	155.7	153.7	151.8	152.6	153.4	155.5	157.1	158.6
50°	158.4	156.6	154.8	153.7	151.6	149.7	150.5	151.4	153.4	155.0	156.4
50.5°	156.2	154.5	152.7	151.6	149.6	147.6	148.3	149.4	151.3	152.7	154.4
51°	154.0	152.3	150.6	149.5	147.5	145.5	146.2	147.4	149.1	150.7	152.3
51.5°	152.0	150.3	148.5	147.2	145.4	143.4	144.2	145.3	147.0	148.7	150.1
52°	149.9	148.2	146.5	145.1	143.4	141.3	142.1	143.2	144.9	146.6	148.0
52.5°	147.8	146.1	144.3	143.2	141.3	139.3	140.0	141.1	142.8	144.5	146.0
53°	145.7	144.0	142.2	141.1	139.2	137.1	137.8	139.0	140.6	142.3	143.9
53.5°	143.4	141.9	140.2	138.9	137.1	135.0	135.6	137.0	138.5	140.2	141.7
54°	141.2	139.7	138.0	136.7	135.0	132.8	133.5	134.9	136.4	138.1	139.5
54.5°	139.1	137.6	136.0	134.6	132.8	130.7	131.4	132.7	134.3	135.9	137.6
55°	137.1	135.5	133.9	132.6	130.7	128.5	129.3	130.5	132.1	133.8	135.4
55.5°	134.9	133.4	131.8	130.4	128.6	126.4	127.1	128.3	129.9	131.8	133.1
56°	132.7	131.2	129.6	128.2	126.6	124.3	125.1	126.3	127.7	129.6	130.9
56.5°	130.5	129.0	127.5	126.1	124.5	122.2	122.9	124.2	125.7	127.4	128.9
57°	128.3	127.0	125.4	124.0	122.3	120.1	120.7	122.1	123.6	125.2	126.8
57.5°	126.2	124.9	123.2	121.9	120.0	117.9	118.6	119.9	121.3	123.1	124.6
58°	124.0	122.7	121.1	119.7	118.0	115.7	116.5	117.7	119.2	121.0	122.4
58.5°	121.9	120.5	119.0	117.6	116.0	113.7	114.3	115.6	117.0	118.8	120.3
59°	119.8	118.3	116.9	115.4	113.8	111.5	112.2	113.4	114.9	116.6	118.1
59.5°	117.5	116.1	114.7	113.2	111.5	109.4	110.0	111.3	112.7	114.4	115.8
60°	115.3	114.0	112.5	111.1	109.4	107.2	107.9	109.1	110.6	112.2	113.6
60.5°	113.1	111.9	110.3	109.0	107.3	105.1	105.7	107.0	108.4	110.1	111.5
61°	110.9	109.6	108.2	106.8	105.2	103.0	103.5	104.9	106.2	107.9	109.3
61.5°	108.8	107.5	106.1	104.6	103.0	100.8	101.4	102.7	104.1	105.7	107.2
62°	106.7	105.3	103.8	102.5	100.9	98.6	99.3	100.5	102.0	103.6	104.9
62.5°	104.4	103.1	101.7	100.4	98.6	96.4	97.1	98.3	99.8	101.3	102.7
63°	102.2	100.9	99.4	98.3	96.5	94.3	95.0	96.2	97.6	99.1	100.5
63.5°	100.1	98.7	97.2	96.2	94.4	92.1	92.8	94.0	95.5	96.9	98.3
64°	97.8	96.5	95.1	94.0	92.2	90.0	90.6	91.9	93.3	94.7	96.1
64.5°	95.7	94.3	92.9	91.8	90.1	87.8	88.4	89.7	91.1	92.5	93.9
65°	93.5	92.2	90.7	89.6	87.9	85.6	86.3	87.5	89.0	90.3	91.6
65.5°	91.3	90.0	88.6	87.6	85.8	83.5	84.1	85.2	86.8	88.2	89.4
66°	89.1	87.7	86.4	85.4	83.7	81.3	82.0	83.1	84.6	86.0	87.2
66.5°	86.9	85.6	84.2	83.2	81.4	79.2	79.8	81.0	82.4	83.8	85.1
67°	84.8	83.3	82.1	81.1	79.3	77.1	77.6	78.9	80.2	81.6	82.9

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

Scaled Data Report

TEST NUMBER: P1596583
CATALOG NUMBER: HLB2LSFS5-HI-2700K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	82.5	81.2	79.9	79.0	77.2	74.9	75.5	76.6	78.2	79.4	80.7
68°	80.4	79.1	77.7	76.8	75.0	72.8	73.4	74.5	76.0	77.2	78.4
68.5°	78.2	76.9	75.6	74.7	72.8	70.7	71.3	72.4	73.9	75.1	76.3
69°	76.1	74.7	73.5	72.7	70.8	68.6	69.2	70.2	71.7	72.9	74.1
69.5°	74.0	72.5	71.4	70.5	68.7	66.5	67.0	68.1	69.6	70.7	72.0
70°	71.8	70.5	69.2	68.4	66.5	64.4	65.0	66.0	67.5	68.6	69.8
70.5°	69.7	68.4	67.1	66.3	64.5	62.4	62.9	63.9	65.5	66.5	67.7
71°	67.6	66.2	65.0	64.3	62.3	60.3	60.9	61.8	63.3	64.4	65.6
71.5°	65.5	64.2	62.9	62.2	60.3	58.2	58.8	59.7	61.2	62.3	63.4
72°	63.4	62.1	60.9	60.1	58.2	56.2	56.8	57.6	59.2	60.2	61.3
72.5°	61.3	60.0	58.8	58.1	56.2	54.2	54.7	55.5	57.1	58.1	59.2
73°	59.2	58.0	56.8	56.1	54.1	52.1	52.6	53.4	55.0	56.0	57.2
73.5°	57.1	55.9	54.7	54.0	52.1	50.1	50.6	51.4	53.0	54.0	55.1
74°	55.1	53.9	52.7	52.0	50.1	48.1	48.7	49.4	51.0	51.9	53.0
74.5°	53.0	51.8	50.7	50.0	48.1	46.2	46.7	47.4	48.9	49.9	50.9
75°	51.0	49.9	48.7	48.0	46.1	44.2	44.7	45.4	46.9	47.9	49.0
75.5°	49.0	47.9	46.7	46.1	44.1	42.2	42.7	43.4	44.9	45.9	46.9
76°	47.0	45.8	44.7	44.1	42.2	40.3	40.7	41.4	43.0	43.9	44.9
76.5°	44.9	43.9	42.8	42.1	40.2	38.4	38.8	39.4	40.9	41.9	42.8
77°	42.9	41.9	41.4	40.2	38.3	36.4	36.9	37.5	39.0	39.9	41.0
77.5°	41.1	40.0	39.4	38.3	36.4	34.6	35.0	35.6	37.1	38.0	39.0
78°	39.1	38.1	37.3	36.4	34.5	32.7	33.1	33.7	35.1	36.1	37.0
78.5°	37.2	36.2	35.3	34.5	32.7	30.8	31.2	31.9	33.3	34.2	35.0
79°	35.2	34.2	33.2	32.6	30.8	29.0	29.4	30.0	31.3	32.2	33.2
79.5°	33.2	32.3	31.4	30.8	28.9	27.2	27.6	28.1	29.5	30.3	31.3
80°	31.3	30.4	29.5	28.9	27.1	25.4	25.7	26.4	27.6	28.5	29.4
80.5°	29.4	28.6	27.7	27.1	25.3	23.6	23.9	24.5	25.8	26.7	27.5
81°	27.6	26.8	25.9	25.2	23.6	21.9	22.2	22.8	24.0	24.8	25.7
81.5°	25.7	24.9	24.1	23.5	21.8	20.1	20.4	21.0	22.2	23.0	23.8
82°	23.9	23.1	22.3	21.7	20.0	18.4	18.7	19.2	20.4	21.2	22.0
82.5°	22.1	21.4	20.6	20.0	18.3	16.7	17.0	17.5	18.6	19.5	20.2
83°	20.2	19.6	18.8	18.2	16.7	15.0	15.3	15.8	16.9	17.7	18.5
83.5°	18.5	17.8	17.1	16.6	15.0	13.4	13.7	14.2	15.2	16.0	16.7
84°	16.7	16.1	15.4	14.9	13.4	11.8	12.1	12.6	13.5	14.3	15.0
84.5°	15.0	14.5	13.8	13.2	11.8	10.2	10.5	11.0	11.8	12.6	13.3
85°	13.3	12.8	12.2	11.6	10.2	8.6	8.9	9.4	10.2	11.0	11.7
85.5°	11.6	11.1	10.5	10.0	8.7	7.1	7.3	7.8	8.6	9.4	10.1
86°	10.0	9.5	8.9	8.4	7.1	5.5	5.7	6.2	7.0	7.8	8.4
86.5°	8.4	8.0	7.4	6.8	5.6	4.0	4.2	4.6	5.3	6.1	6.8
87°	6.8	6.4	5.8	5.3	4.1	2.6	2.8	3.2	3.8	4.5	5.2
87.5°	5.2	4.8	4.3	3.8	2.7	1.3	1.5	1.8	2.4	3.0	3.7
88°	3.7	3.9	3.3	2.9	1.4	0.4	0.5	0.7	1.1	1.6	2.2
88.5°	2.8	2.9	2.2	1.9	0.5	0.1	0.1	0.1	0.2	0.5	0.9
89°	1.9	2.0	1.1	1.0	0.1	0.1	0.1	0.0	0.0	0.1	0.2
89.5°	1.0	1.0	0.1	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0

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

Scaled Data Report

TEST NUMBER: P1596583
CATALOG NUMBER: HLB2LSFS5-HI-2700K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
90°	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0
90.5°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0
91°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0
91.5°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0
92°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.1
93°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
93.5°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
94°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
94.5°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
95°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
95.5°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
96°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
96.5°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
97°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
97.5°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
98°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
98.5°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
99°	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
99.5°	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
100°	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
100.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
101°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
101.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
102°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
102.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
103°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
103.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
104°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
104.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
105°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
105.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	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

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

Scaled Data Report

TEST NUMBER: P1596583
CATALOG NUMBER: HLB2LSFS5-HI-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	0.2	0.1	0.2	0.1	0.1	0.1	0.1
132°	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.1	0.1
132.5°	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.1	0.1
133°	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1
133.5°	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1
134°	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1
134.5°	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.2

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

Scaled Data Report

TEST NUMBER: P1596583
CATALOG NUMBER: HLB2LSFS5-HI-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	0.2	0.2	0.2	0.2	0.1	0.1	0.2
135.5°	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.2
136°	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.2
136.5°	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.2
137°	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
137.5°	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
138°	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
138.5°	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
139°	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
139.5°	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
140°	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
140.5°	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
141°	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
141.5°	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
142°	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
142.5°	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
143°	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
143.5°	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
144°	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
144.5°	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
145°	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
145.5°	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
146°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
146.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
147°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
147.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
148°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
148.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
149°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
149.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
150°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	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	0.3	0.2	0.2	0.2	0.2
152°	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2
152.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2
153°	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2
153.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2
154°	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.2
154.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.2
155°	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.2
155.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.2
156°	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.2
156.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.2
157°	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.2

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

Scaled Data Report

TEST NUMBER: P1596583
CATALOG NUMBER: HLB2LSFS5-HI-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	0.3	0.3	0.3	0.2	0.2	0.2
158°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.2
158.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.2
159°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.2
159.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.2
160°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.2
160.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.2
161°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.2
161.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.2
162°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.2
162.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.2
163°	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.3	0.2	0.2	0.2
163.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.3	0.2	0.2	0.2
164°	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.3	0.2	0.2	0.3
164.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.3	0.2	0.2	0.3
165°	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.3	0.2	0.2	0.2
165.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.3	0.2	0.2	0.2
166°	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.3	0.2	0.2	0.2
166.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.3	0.2	0.2	0.2
167°	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.3	0.2	0.2	0.2
167.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.3	0.2	0.2	0.2
168°	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.3	0.2	0.2	0.2
168.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.3	0.2	0.2	0.2
169°	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.3	0.2	0.2	0.3
169.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.3	0.2	0.2	0.3
170°	0.2	0.2	0.2	0.2	0.3	0.2	0.4	0.3	0.2	0.2	0.3
170.5°	0.2	0.2	0.2	0.2	0.2	0.3	0.4	0.3	0.2	0.2	0.3
171°	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.3	0.2	0.2	0.3
171.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.3
172°	0.2	0.2	0.2	0.2	0.3	0.2	0.3	0.3	0.2	0.2	0.3
172.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.3
173°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2
173.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.2
174°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	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: P1596583
CATALOG NUMBER: HLB2LSFS5-HI-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: P1596583
CATALOG NUMBER: HLB2LSFS5-HI-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	286.9	286.9	286.9	286.9	286.9	286.9
0.5°	287.0	286.9	286.8	286.6	287.1	287.1
1°	*287.1*	*286.8*	*286.8*	*286.8*	*287.1*	*287.2*
1.5°	287.1	286.6	286.8	287.1	286.8	287.1
2°	287.0	286.7	286.8	287.0	286.8	286.8
2.5°	286.8	286.8	286.8	286.8	287.0	286.7
3°	286.4	286.4	286.7	286.6	287.0	286.7
3.5°	286.4	286.4	286.6	286.5	286.4	286.6
4°	286.3	286.4	286.4	286.4	286.2	286.4
4.5°	286.2	286.0	286.4	286.3	286.2	286.1
5°	285.7	285.7	286.1	286.0	286.0	285.6
5.5°	285.1	285.6	285.7	285.6	285.7	285.4
6°	285.1	285.2	285.3	285.4	285.4	285.1
6.5°	284.7	284.6	285.2	285.1	285.0	284.6
7°	284.1	284.2	284.9	284.8	284.6	284.3
7.5°	283.7	284.1	284.5	284.3	284.3	284.2
8°	283.3	283.7	284.0	283.8	283.8	283.7
8.5°	282.8	283.1	283.4	283.5	283.3	282.7
9°	282.3	282.5	283.1	283.0	282.7	282.0
9.5°	281.7	282.0	282.6	282.5	282.3	281.8
10°	281.1	281.4	281.9	281.9	281.9	281.4
10.5°	280.5	280.8	281.5	281.3	281.2	280.7
11°	279.8	280.2	280.9	280.8	280.3	280.0
11.5°	279.2	279.5	280.3	280.3	279.6	279.2
12°	278.4	279.0	279.6	279.6	279.1	278.5
12.5°	277.4	278.2	278.9	278.8	278.4	277.8
13°	276.8	277.3	278.1	277.8	277.7	276.9
13.5°	276.1	276.5	277.5	277.2	276.8	276.1
14°	275.4	275.8	276.8	276.6	275.9	275.5
14.5°	274.6	274.9	275.8	275.8	275.1	274.7
15°	273.6	274.1	275.0	274.8	274.3	273.6
15.5°	272.4	273.4	274.2	273.9	273.3	272.5
16°	271.4	272.3	273.4	273.1	272.5	271.5
16.5°	270.7	271.1	272.4	272.1	271.6	270.8
17°	269.8	270.2	271.3	271.2	270.6	269.9
17.5°	268.7	269.4	270.4	270.2	269.5	268.8
18°	267.6	268.5	269.4	269.2	268.5	267.5
18.5°	266.4	267.2	268.5	268.1	267.4	266.5
19°	265.3	266.1	267.3	267.1	266.3	265.5
19.5°	264.1	264.9	266.2	265.8	265.3	264.3
20°	263.0	263.9	265.1	264.8	264.2	263.2
20.5°	261.9	262.6	264.1	263.7	262.9	262.1
21°	260.7	261.3	262.8	262.4	261.6	260.8
21.5°	259.4	260.2	261.6	261.3	260.6	259.5
22°	258.0	259.1	260.2	260.1	259.4	258.1

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

Scaled Data Report

TEST NUMBER: P1596583
CATALOG NUMBER: HLB2LSFS5-HI-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	256.7	257.7	259.1	258.8	258.0	256.9
23°	255.5	256.5	258.0	257.4	256.7	255.6
23.5°	254.2	255.2	256.7	256.2	255.4	254.3
24°	252.8	253.6	255.2	254.9	254.0	252.9
24.5°	251.4	252.3	253.8	253.6	252.5	251.5
25°	249.9	251.1	252.5	252.1	251.2	250.0
25.5°	248.4	249.5	251.2	250.7	250.0	248.5
26°	246.8	248.0	249.9	249.4	248.6	247.3
26.5°	245.5	246.7	248.4	248.0	246.9	245.9
27°	244.2	245.2	246.7	246.3	245.3	244.3
27.5°	242.7	243.6	245.3	244.8	243.9	242.7
28°	241.1	242.0	243.9	243.4	242.5	241.2
28.5°	239.4	240.7	242.3	242.0	240.9	239.5
29°	237.9	239.1	240.7	240.3	239.3	237.9
29.5°	236.3	237.5	239.2	238.6	237.9	236.4
30°	234.7	235.8	237.6	237.0	236.2	234.7
30.5°	232.9	234.2	236.0	235.4	234.5	233.1
31°	231.2	232.6	234.3	233.9	232.9	231.5
31.5°	229.5	231.0	232.7	232.4	231.2	229.8
32°	228.0	229.3	230.9	230.5	229.7	228.1
32.5°	226.3	227.6	229.3	228.7	228.0	226.3
33°	224.5	225.8	227.8	227.1	226.1	224.6
33.5°	222.7	224.1	226.0	225.5	224.2	223.1
34°	221.0	222.4	224.1	223.8	222.6	221.3
34.5°	219.2	220.6	222.4	222.1	221.0	219.4
35°	217.4	218.8	220.8	220.1	219.1	217.5
35.5°	215.6	216.9	219.0	218.2	217.2	215.8
36°	213.8	215.1	217.2	216.5	215.4	214.0
36.5°	212.0	213.4	215.3	214.8	213.8	212.3
37°	210.1	211.7	213.5	213.0	211.9	210.3
37.5°	208.3	209.6	211.6	211.1	209.9	208.3
38°	206.4	207.7	209.7	209.1	208.2	206.5
38.5°	204.2	205.9	207.9	207.3	206.3	204.7
39°	202.4	204.0	206.0	205.3	204.3	202.8
39.5°	200.8	202.1	204.0	203.4	202.4	200.9
40°	198.7	200.1	202.2	201.6	200.5	199.0
40.5°	196.5	198.3	200.2	199.7	198.5	197.0
41°	194.5	196.3	198.3	197.5	196.6	194.8
41.5°	192.7	194.3	196.2	195.6	194.7	192.8
42°	190.7	192.3	194.3	193.7	192.7	191.0
42.5°	188.7	190.2	192.4	191.7	190.7	189.1
43°	186.7	188.2	190.4	189.7	188.6	187.1
43.5°	184.7	186.4	188.3	187.8	186.5	185.0
44°	182.6	184.3	186.4	185.7	184.5	183.0
44.5°	180.4	182.1	184.4	183.6	182.6	181.0

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

Scaled Data Report

TEST NUMBER: P1596583
CATALOG NUMBER: HLB2LSFS5-HI-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	178.5	180.1	182.2	181.6	180.6	179.0
45.5°	176.4	178.1	180.2	179.7	178.6	177.0
46°	174.4	176.0	178.3	177.6	176.4	174.9
46.5°	172.4	173.9	176.2	175.5	174.3	172.9
47°	170.3	171.8	174.0	173.4	172.2	170.8
47.5°	168.3	169.8	172.0	171.3	170.1	168.7
48°	166.2	167.6	169.8	169.3	168.1	166.6
48.5°	164.1	165.6	167.8	167.3	166.0	164.5
49°	161.9	163.4	165.8	165.2	163.9	162.6
49.5°	159.9	161.3	163.7	163.0	161.7	160.5
50°	157.9	159.2	161.5	161.1	159.7	158.4
50.5°	155.7	157.2	159.4	158.8	157.6	156.2
51°	153.5	155.1	157.3	156.8	155.5	154.0
51.5°	151.4	152.9	155.3	154.6	153.5	152.0
52°	149.2	150.7	153.1	152.5	151.3	149.9
52.5°	147.2	148.8	151.0	150.4	149.3	147.8
53°	145.1	146.7	148.8	148.2	147.2	145.7
53.5°	142.9	144.5	146.7	146.0	145.0	143.4
54°	140.6	142.3	144.5	143.9	142.9	141.2
54.5°	138.5	140.3	142.4	141.9	140.8	139.1
55°	136.4	138.1	140.2	139.6	138.8	137.1
55.5°	134.2	136.0	138.1	137.4	136.6	134.9
56°	132.0	133.8	136.0	135.4	134.4	132.7
56.5°	129.8	131.6	133.8	133.1	132.2	130.5
57°	127.6	129.5	131.6	131.0	130.1	128.3
57.5°	125.4	127.4	129.4	128.9	128.0	126.2
58°	123.2	125.2	127.2	126.6	125.9	124.0
58.5°	121.0	122.8	125.1	124.4	123.6	121.9
59°	118.9	120.7	122.8	122.3	121.3	119.8
59.5°	116.7	118.6	120.7	120.1	119.2	117.5
60°	114.6	116.3	118.5	117.9	117.0	115.3
60.5°	112.3	114.1	116.3	115.7	114.9	113.1
61°	110.1	111.9	114.1	113.6	112.6	110.9
61.5°	107.9	109.7	111.9	111.3	110.5	108.8
62°	105.8	107.5	109.7	109.1	108.2	106.7
62.5°	103.6	105.3	107.5	106.9	106.0	104.4
63°	101.3	103.1	105.2	104.7	103.8	102.2
63.5°	99.2	100.8	103.0	102.5	101.5	100.1
64°	97.0	98.6	100.7	100.2	99.4	97.8
64.5°	94.8	96.4	98.5	98.0	97.2	95.7
65°	92.6	94.2	96.3	95.8	94.9	93.5
65.5°	90.4	91.9	94.1	93.6	92.7	91.3
66°	88.2	89.7	91.8	91.3	90.5	89.1
66.5°	86.1	87.5	89.6	89.1	88.2	86.9
67°	83.9	85.3	87.4	86.9	86.1	84.8

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

Scaled Data Report

TEST NUMBER: P1596583
CATALOG NUMBER: HLB2LSFS5-HI-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	81.6	83.2	85.2	84.7	83.9	82.5
68°	79.5	80.9	83.0	82.4	81.7	80.4
68.5°	77.3	78.7	80.8	80.2	79.5	78.2
69°	75.2	76.5	78.6	78.1	77.3	76.1
69.5°	73.0	74.3	76.4	76.0	75.1	74.0
70°	70.8	72.2	74.2	73.8	72.9	71.8
70.5°	68.7	70.0	72.1	71.6	70.8	69.7
71°	66.5	67.8	69.9	69.4	68.6	67.6
71.5°	64.4	65.6	67.8	67.3	66.4	65.5
72°	62.3	63.5	65.7	65.2	64.2	63.4
72.5°	60.2	61.4	63.5	63.0	62.2	61.3
73°	58.1	59.3	61.4	60.9	60.0	59.2
73.5°	56.0	57.2	59.3	58.8	57.9	57.1
74°	53.9	55.0	57.2	56.8	55.8	55.1
74.5°	51.8	53.0	55.2	54.7	53.7	53.0
75°	49.8	51.0	53.0	52.6	51.6	51.0
75.5°	47.8	48.8	51.0	50.5	49.6	49.0
76°	45.7	46.8	48.9	48.5	47.6	47.0
76.5°	43.7	44.8	46.9	46.4	45.5	44.9
77°	41.7	42.8	44.9	44.4	43.5	42.9
77.5°	39.7	41.4	42.8	42.4	41.5	41.1
78°	37.7	39.3	40.8	40.4	39.6	39.1
78.5°	35.7	37.2	38.9	38.5	37.7	37.2
79°	33.8	35.1	36.9	36.5	35.7	35.2
79.5°	31.9	33.0	34.9	34.5	33.8	33.2
80°	30.0	31.0	32.9	32.5	31.8	31.3
80.5°	28.2	29.2	31.0	30.6	29.9	29.4
81°	26.3	27.3	29.2	28.8	28.1	27.6
81.5°	24.4	25.4	27.2	26.9	26.2	25.7
82°	22.6	23.6	25.4	25.0	24.4	23.9
82.5°	20.8	21.8	23.6	23.2	22.6	22.1
83°	19.0	20.0	21.8	21.4	20.7	20.2
83.5°	17.2	18.2	19.9	19.6	19.0	18.5
84°	15.5	16.5	18.2	17.8	17.2	16.7
84.5°	13.8	14.8	16.4	16.1	15.5	15.0
85°	12.1	13.1	14.7	14.4	13.8	13.3
85.5°	10.5	11.4	13.0	12.7	12.2	11.6
86°	8.8	9.8	11.4	11.1	10.5	10.0
86.5°	7.2	8.2	9.7	9.4	8.9	8.4
87°	5.5	6.6	8.1	7.8	7.3	6.8
87.5°	4.0	5.1	6.5	6.2	5.8	5.2
88°	2.5	3.6	5.0	4.7	4.3	3.7
88.5°	1.2	2.1	4.0	3.5	3.2	2.8
89°	0.3	1.7	3.0	2.4	2.2	1.9
89.5°	0.1	1.3	2.0	1.3	1.1	1.0

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

Scaled Data Report

TEST NUMBER: P1596583
CATALOG NUMBER: HLB2LSFS5-HI-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
90°	0.0	0.9	1.0	0.1	0.1	0.1
90.5°	0.0	0.5	0.1	0.0	0.0	0.0
91°	0.0	0.1	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°	0.1	0.0	0.0	0.0	0.0	0.0
93.5°	0.1	0.0	0.0	0.0	0.0	0.0
94°	0.1	0.0	0.0	0.0	0.0	0.0
94.5°	0.1	0.0	0.0	0.0	0.0	0.0
95°	0.1	0.0	0.0	0.0	0.0	0.0
95.5°	0.1	0.0	0.0	0.0	0.0	0.0
96°	0.1	0.0	0.0	0.0	0.0	0.0
96.5°	0.1	0.0	0.0	0.0	0.0	0.0
97°	0.1	0.0	0.0	0.0	0.0	0.0
97.5°	0.1	0.0	0.0	0.0	0.0	0.0
98°	0.1	0.0	0.0	0.0	0.0	0.0
98.5°	0.1	0.0	0.0	0.0	0.0	0.0
99°	0.1	0.1	0.0	0.0	0.0	0.0
99.5°	0.1	0.1	0.0	0.0	0.0	0.0
100°	0.1	0.1	0.0	0.0	0.0	0.0
100.5°	0.1	0.1	0.1	0.1	0.1	0.1
101°	0.1	0.1	0.1	0.1	0.1	0.1
101.5°	0.1	0.1	0.1	0.1	0.1	0.1
102°	0.1	0.1	0.1	0.1	0.1	0.1
102.5°	0.1	0.1	0.1	0.1	0.1	0.1
103°	0.1	0.1	0.1	0.1	0.1	0.1
103.5°	0.1	0.1	0.1	0.1	0.1	0.1
104°	0.1	0.1	0.1	0.1	0.1	0.1
104.5°	0.1	0.1	0.1	0.1	0.1	0.1
105°	0.1	0.1	0.1	0.1	0.1	0.1
105.5°	0.1	0.1	0.1	0.1	0.1	0.1
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: P1596583
CATALOG NUMBER: HLB2LSFS5-HI-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	0.2	0.1	0.1	0.1	0.1
130°	0.1	0.2	0.1	0.1	0.1	0.1
130.5°	0.1	0.2	0.1	0.1	0.1	0.1
131°	0.1	0.2	0.1	0.1	0.1	0.1
131.5°	0.1	0.2	0.1	0.1	0.1	0.1
132°	0.1	0.2	0.1	0.1	0.1	0.1
132.5°	0.1	0.2	0.1	0.1	0.1	0.1
133°	0.1	0.2	0.1	0.1	0.1	0.1
133.5°	0.1	0.2	0.1	0.1	0.1	0.1
134°	0.1	0.2	0.1	0.1	0.1	0.1
134.5°	0.2	0.2	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: P1596583
CATALOG NUMBER: HLB2LSFS5-HI-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
135°	0.2	0.2	0.1	0.1	0.1	0.1
135.5°	0.2	0.2	0.1	0.1	0.1	0.1
136°	0.2	0.2	0.1	0.1	0.1	0.1
136.5°	0.2	0.2	0.1	0.1	0.1	0.1
137°	0.2	0.2	0.1	0.1	0.1	0.1
137.5°	0.2	0.2	0.1	0.1	0.1	0.1
138°	0.2	0.2	0.1	0.1	0.1	0.1
138.5°	0.2	0.2	0.1	0.1	0.1	0.1
139°	0.2	0.2	0.1	0.1	0.1	0.1
139.5°	0.2	0.2	0.1	0.1	0.1	0.1
140°	0.2	0.2	0.1	0.1	0.1	0.1
140.5°	0.2	0.2	0.1	0.1	0.1	0.1
141°	0.2	0.2	0.1	0.1	0.1	0.1
141.5°	0.2	0.2	0.1	0.1	0.1	0.1
142°	0.2	0.2	0.2	0.1	0.1	0.1
142.5°	0.2	0.2	0.2	0.1	0.1	0.1
143°	0.2	0.2	0.2	0.1	0.1	0.1
143.5°	0.2	0.2	0.2	0.2	0.1	0.1
144°	0.2	0.2	0.2	0.2	0.1	0.1
144.5°	0.2	0.2	0.2	0.2	0.1	0.2
145°	0.2	0.2	0.2	0.2	0.2	0.2
145.5°	0.2	0.2	0.2	0.2	0.2	0.2
146°	0.2	0.2	0.2	0.2	0.2	0.2
146.5°	0.2	0.2	0.2	0.2	0.2	0.2
147°	0.2	0.2	0.2	0.2	0.2	0.2
147.5°	0.2	0.2	0.2	0.2	0.2	0.2
148°	0.2	0.2	0.2	0.2	0.2	0.2
148.5°	0.2	0.2	0.2	0.2	0.2	0.2
149°	0.3	0.2	0.2	0.2	0.2	0.2
149.5°	0.3	0.2	0.2	0.2	0.2	0.2
150°	0.3	0.2	0.2	0.2	0.2	0.2
150.5°	0.3	0.2	0.2	0.2	0.2	0.2
151°	0.3	0.2	0.2	0.2	0.2	0.2
151.5°	0.3	0.2	0.2	0.2	0.2	0.2
152°	0.3	0.2	0.2	0.2	0.2	0.2
152.5°	0.3	0.2	0.2	0.2	0.2	0.2
153°	0.3	0.2	0.2	0.2	0.2	0.2
153.5°	0.3	0.2	0.2	0.2	0.2	0.2
154°	0.3	0.2	0.2	0.2	0.2	0.2
154.5°	0.3	0.2	0.2	0.2	0.2	0.2
155°	0.3	0.2	0.2	0.2	0.2	0.2
155.5°	0.3	0.2	0.2	0.2	0.2	0.2
156°	0.3	0.2	0.2	0.2	0.2	0.2
156.5°	0.3	0.2	0.2	0.2	0.2	0.2
157°	0.3	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: P1596583
CATALOG NUMBER: HLB2LSFS5-HI-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
157.5°	0.3	0.2	0.2	0.2	0.2	0.2
158°	0.3	0.2	0.2	0.2	0.2	0.2
158.5°	0.3	0.2	0.2	0.2	0.2	0.2
159°	0.3	0.2	0.2	0.2	0.2	0.2
159.5°	0.3	0.2	0.2	0.2	0.2	0.2
160°	0.4	0.2	0.2	0.2	0.2	0.2
160.5°	0.4	0.2	0.2	0.2	0.2	0.2
161°	0.4	0.2	0.2	0.2	0.2	0.2
161.5°	0.4	0.2	0.2	0.2	0.2	0.2
162°	0.4	0.2	0.2	0.2	0.2	0.2
162.5°	0.4	0.2	0.2	0.2	0.2	0.2
163°	0.4	0.2	0.2	0.2	0.2	0.2
163.5°	0.4	0.2	0.2	0.2	0.2	0.2
164°	0.4	0.3	0.2	0.2	0.2	0.2
164.5°	0.4	0.3	0.2	0.2	0.2	0.2
165°	0.4	0.3	0.2	0.2	0.2	0.2
165.5°	0.4	0.3	0.2	0.2	0.2	0.2
166°	0.4	0.3	0.2	0.2	0.2	0.2
166.5°	0.4	0.3	0.2	0.2	0.2	0.2
167°	0.4	0.3	0.2	0.2	0.2	0.2
167.5°	0.4	0.3	0.2	0.2	0.2	0.2
168°	0.4	0.3	0.2	0.2	0.2	0.2
168.5°	0.4	0.3	0.2	0.2	0.2	0.2
169°	0.4	0.3	0.2	0.2	0.2	0.2
169.5°	0.4	0.3	0.2	0.2	0.2	0.2
170°	0.4	0.3	0.2	0.2	0.2	0.2
170.5°	0.3	0.3	0.2	0.2	0.2	0.2
171°	0.2	0.3	0.2	0.2	0.2	0.2
171.5°	0.2	0.3	0.2	0.2	0.2	0.2
172°	0.2	0.3	0.3	0.2	0.2	0.2
172.5°	0.3	0.3	0.3	0.2	0.2	0.2
173°	0.3	0.3	0.2	0.2	0.2	0.2
173.5°	0.3	0.2	0.2	0.2	0.2	0.2
174°	0.3	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: P1596583
CATALOG NUMBER: HLB2LSFS5-HI-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

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

TEST NUMBER: P1596583
CATALOG NUMBER: HLB2LSFS5-HI-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	29.86	31.48	30.23	31.80	32.12	29.49	31.11	29.86	31.43	31.75
	3H	31.65	33.12	32.03	33.45	33.81	31.23	32.70	31.61	33.02	33.39
	4H	32.34	33.72	32.74	34.07	34.45	31.87	33.25	32.27	33.60	33.98
	6H	32.86	34.14	33.27	34.50	34.90	32.33	33.61	32.74	33.98	34.37
	8H	33.03	34.25	33.45	34.64	35.04	32.47	33.69	32.89	34.08	34.48
	12H	33.10	34.27	33.53	34.66	35.09	32.51	33.69	32.95	34.07	34.50
4H	2H	30.49	31.87	30.89	32.22	32.60	30.12	31.50	30.52	31.85	32.23
	3H	32.50	33.66	32.91	34.06	34.46	32.07	33.23	32.48	33.63	34.03
	4H	33.32	34.36	33.75	34.78	35.22	32.84	33.88	33.27	34.30	34.74
	6H	33.97	34.88	34.43	35.33	35.78	33.42	34.33	33.88	34.78	35.23
	8H	34.19	35.05	34.65	35.49	35.96	33.60	34.45	34.06	34.90	35.37
	12H	34.32	35.09	34.80	35.57	36.04	33.69	34.46	34.17	34.94	35.41
8H	4H	33.64	34.49	34.10	34.94	35.40	33.15	34.00	33.61	34.45	34.91
	6H	34.41	35.13	34.91	35.61	36.09	33.84	34.55	34.34	35.04	35.52
	8H	34.71	35.35	35.22	35.86	36.34	34.08	34.72	34.60	35.23	35.72
	12H	34.92	35.49	35.43	35.98	36.54	34.24	34.80	34.75	35.30	35.86
12H	4H	33.67	34.44	34.15	34.92	35.39	33.18	33.95	33.66	34.43	34.90
	6H	34.47	35.11	34.98	35.62	36.11	33.89	34.53	34.41	35.04	35.53
	8H	34.83	35.39	35.34	35.88	36.45	34.19	34.75	34.70	35.25	35.81

END OF REPORT