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: P1596585

Luminaire Tested: HLB2LSFS5-HI-3500K

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:	P1596585
	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-3500K
Description:	HLB2 2" ROUND SLIM LOW GLARE CANLESS LED DOWNLIGHT
Light Source:	3500K CCT, 90 CRI LEDS
Ballast/Driver:	-

Summary

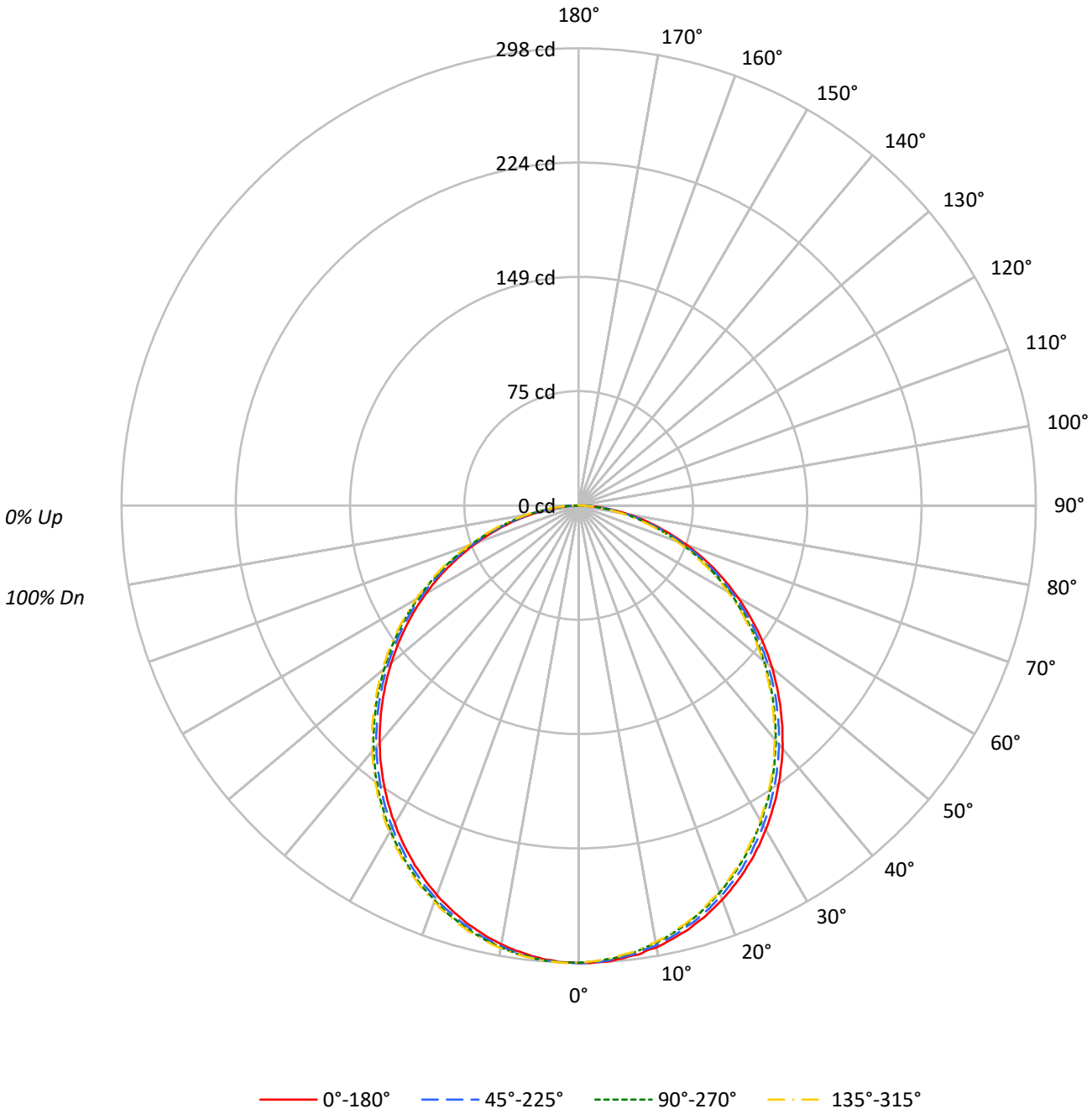
Lumens per Lamp:	N/A
Luminaire Lumens:	795.0 lumens
Efficiency:	N/A
Efficacy:	98.2 lumens/watt
Spacing Criteria (0/90/45):	1.21 / 1.21 / 1.32
Luminous Opening:	Rectangular (W 0.12' x L: 0.12' x H: 0')
CIE Type:	Direct
Input Watts (W):	8.1
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	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	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°	205427	205427	205427	205427
5°	205244	204276	204621	205313
10°	204609	202510	203140	204609
15°	202832	199979	201049	203117
20°	200503	196911	198084	201017
25°	197476	193295	194511	198388
30°	194013	189320	190434	194888
35°	190062	184595	186193	191239
40°	186062	179857	181475	187051
45°	181208	174486	176240	182280
50°	176406	168796	170833	177263
55°	171029	163102	164903	172350
60°	165196	156654	158307	166574
65°	158441	148987	150617	159582
70°	150258	139180	141396	151064
75°	141068	127494	129623	141068
80°	128933	111874	113858	128139
85°	109077	83784	83784	107496

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 292.5°
Vertical Angle: 45°
Luminance: 184521 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.1	3.5
10°-20°	79.7	10.0
20°-30°	118.7	14.9
30°-40°	139.9	17.6
40°-50°	141.4	17.8
50°-60°	124.9	15.7
60°-70°	93.7	11.8
70°-80°	53.7	6.7
80°-90°	14.1	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°	226.6	28.5
0°-40°	366.4	46.1
0°-60°	632.8	79.6
0°-90°	794.3	99.9
90°-120°	0.3	0.0
90°-150°	0.6	0.1
90°-180°	1.0	0.1
0°-180°	795.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	298	298	298	298	298	
5°	297	295	296	297	297	28
15°	284	280	282	285	284	80
25°	260	254	256	261	260	120
35°	226	220	221	227	226	141
45°	186	179	181	187	186	143
55°	142	136	137	144	142	127
65°	97	91	92	98	97	96
75°	53	48	49	53	53	56
85°	14	11	11	14	14	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	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	298.2	*298.2*	298.2	298.2	298.2	298.2	298.2	298.2	298.2	298.2	298.2
0.5°	298.3	*298.3*	298.4	298.3	297.8	297.7	298.0	297.9	298.1	298.3	298.3
1°	*298.4*	*298.6*	*298.2*	*298.0*	*297.7*	*297.5*	*297.7*	*297.9*	*298.0*	*298.4*	*298.2*
1.5°	298.4	*298.4*	297.9	297.8	297.7	297.3	297.4	297.7	298.0	298.2	298.2
2°	298.1	*298.0*	297.8	297.8	297.4	297.0	297.2	297.4	297.9	297.9	298.2
2.5°	297.9	*298.0*	297.8	297.8	297.0	296.8	296.9	297.2	297.8	297.7	297.9
3°	297.9	*297.9*	297.7	297.3	296.8	296.5	296.5	297.1	297.2	297.5	297.8
3.5°	297.9	*297.5*	297.3	296.8	296.3	296.3	296.1	296.8	296.9	297.6	297.6
4°	297.7	*297.2*	297.1	296.6	296.2	296.0	296.1	296.3	296.9	297.4	297.2
4.5°	297.3	*297.1*	296.6	296.6	296.0	295.5	295.8	295.7	296.5	296.9	297.0
5°	296.8	*296.8*	296.3	296.2	295.4	294.8	295.1	295.3	295.9	296.4	296.7
5.5°	296.6	*296.4*	295.8	295.5	294.8	294.4	294.4	295.1	295.6	296.0	296.4
6°	296.2	*295.7*	295.4	295.0	294.3	294.0	294.0	294.7	295.2	295.7	296.1
6.5°	295.7	*295.4*	295.0	294.7	293.9	293.4	293.7	294.1	294.5	295.3	295.6
7°	295.4	*295.2*	294.7	294.2	293.5	292.7	293.2	293.6	293.9	294.6	295.0
7.5°	295.4	*294.7*	294.3	293.7	293.0	292.2	292.4	292.9	293.5	294.2	294.5
8°	294.8	*293.9*	293.4	292.9	292.2	291.6	291.8	292.4	293.1	293.7	294.2
8.5°	293.8	*293.5*	292.6	292.3	291.3	290.8	291.3	291.6	292.4	293.1	293.7
9°	293.1	*292.9*	292.2	291.8	290.8	290.3	290.5	290.9	291.9	292.5	293.1
9.5°	292.9	*292.2*	291.8	291.2	290.2	289.5	289.7	290.3	291.1	291.8	292.3
10°	292.5	*291.6*	291.2	290.4	289.5	288.6	289.0	289.7	290.4	291.0	291.7
10.5°	291.7	*291.1*	290.2	289.5	288.8	287.8	288.1	288.7	289.6	290.4	291.0
11°	291.0	*290.3*	289.3	288.7	288.0	287.1	287.4	288.0	288.9	289.7	290.4
11.5°	290.1	*289.6*	288.6	288.2	287.2	286.2	286.5	287.2	288.2	288.9	289.5
12°	289.4	*288.7*	287.9	287.3	286.2	285.3	285.7	286.4	287.4	288.1	288.9
12.5°	288.7	*287.8*	287.0	286.3	285.3	284.3	284.7	285.4	286.4	287.3	288.1
13°	287.8	*287.2*	286.2	285.3	284.4	283.4	283.7	284.6	285.5	286.5	287.2
13.5°	286.9	*286.3*	285.4	284.5	283.5	282.6	282.6	283.6	284.6	285.6	286.3
14°	286.3	*285.4*	284.4	283.6	282.7	281.6	281.9	282.5	283.6	284.5	285.5
14.5°	285.5	*284.4*	283.2	282.7	281.6	280.3	281.0	281.5	282.8	283.6	284.5
15°	284.4	*283.5*	282.4	281.7	280.4	279.2	279.8	280.7	281.9	282.7	283.5
15.5°	283.2	*282.6*	281.5	280.5	279.3	278.3	278.6	279.7	280.7	281.8	282.6
16°	282.2	*281.5*	280.4	279.4	278.3	277.2	277.5	278.5	279.5	280.6	281.7
16.5°	281.4	*280.3*	279.1	278.3	277.4	276.0	276.5	277.4	278.4	279.5	280.5
17°	280.5	*279.2*	278.0	277.3	276.1	274.8	275.4	276.1	277.4	278.5	279.3
17.5°	279.3	*278.2*	277.2	276.3	274.9	273.6	274.1	275.0	276.3	277.5	278.3
18°	278.0	*277.1*	276.1	275.1	273.8	272.5	272.8	274.0	274.9	276.4	277.3
18.5°	277.0	*275.9*	274.7	273.8	272.6	271.1	271.5	272.6	273.8	275.1	276.1
19°	275.9	*274.7*	273.4	272.5	271.1	269.8	270.4	271.4	272.7	273.7	275.0
19.5°	274.6	*273.4*	272.2	271.3	269.8	268.6	269.2	270.2	271.6	272.6	273.8
20°	273.5	*272.3*	271.0	270.0	268.6	267.2	267.7	268.9	270.2	271.4	272.5
20.5°	272.3	*271.1*	269.8	268.6	267.4	265.8	266.4	267.5	268.8	270.1	271.2
21°	271.0	*269.7*	268.3	267.5	265.9	264.5	265.1	266.2	267.4	268.9	269.7
21.5°	269.7	*268.5*	266.9	266.1	264.4	263.3	263.7	264.6	266.1	267.4	268.6
22°	268.3	*267.1*	265.7	264.5	263.1	261.7	262.2	263.3	264.8	266.0	267.5

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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°	266.9	265.6	264.4	263.0	261.8	260.1	260.8	262.0	263.4	264.7	265.9
23°	265.7	264.2	262.9	261.8	260.3	258.6	259.4	260.5	261.9	263.3	264.5
23.5°	264.3	262.9	261.5	260.3	258.7	257.3	257.9	259.0	260.3	261.9	263.0
24°	262.8	261.6	260.1	258.9	257.2	255.8	256.4	257.5	258.9	260.4	261.7
24.5°	261.4	260.0	258.5	257.5	255.7	254.3	254.9	255.9	257.7	259.0	260.3
25°	259.8	258.5	256.8	255.9	254.3	252.8	253.1	254.6	255.9	257.5	258.8
25.5°	258.3	256.9	255.5	254.3	252.7	251.3	251.6	252.9	254.3	256.0	257.2
26°	257.0	255.5	254.0	252.8	251.1	249.6	250.3	251.3	252.8	254.1	255.8
26.5°	255.5	253.9	252.4	251.1	249.4	247.8	248.6	249.7	251.2	252.8	254.1
27°	253.8	252.2	250.6	249.4	248.1	246.2	246.8	248.2	249.7	251.5	252.5
27.5°	252.2	250.8	248.9	248.0	246.4	244.6	245.2	246.5	248.0	249.6	250.7
28°	250.7	249.2	247.4	246.4	244.5	242.9	243.7	244.7	246.3	247.8	249.4
28.5°	248.9	247.5	245.9	244.4	242.7	241.3	242.1	243.0	244.7	246.3	247.9
29°	247.3	245.8	244.3	242.9	241.2	239.6	240.2	241.5	243.1	244.7	246.3
29.5°	245.6	244.0	242.5	241.3	239.6	237.9	238.4	239.9	241.4	243.1	244.4
30°	243.9	242.3	240.6	239.6	238.0	236.0	236.9	238.2	239.4	241.3	242.7
30.5°	242.3	240.7	239.0	237.7	236.2	234.3	235.1	236.3	237.8	239.6	241.1
31°	240.6	239.0	237.3	236.0	234.1	232.6	233.2	234.4	236.3	237.9	239.4
31.5°	238.8	237.4	235.5	234.4	232.3	230.9	231.4	232.7	234.3	236.1	237.4
32°	237.0	235.6	233.8	232.5	230.6	228.9	229.7	230.9	232.5	234.1	235.7
32.5°	235.2	233.7	232.1	230.5	229.0	227.0	227.8	229.1	230.8	232.5	234.2
33°	233.4	231.7	230.1	228.8	227.2	225.3	225.9	227.2	229.0	230.7	232.2
33.5°	231.8	230.0	228.2	227.0	225.1	223.4	224.1	225.3	227.1	228.8	230.3
34°	229.9	228.2	226.4	225.3	223.3	221.5	222.3	223.4	225.2	226.9	228.5
34.5°	228.0	226.5	224.7	223.3	221.4	219.6	220.4	221.5	223.3	225.1	226.7
35°	226.0	224.5	222.7	221.4	219.5	217.7	218.5	219.7	221.4	223.1	224.9
35.5°	224.2	222.6	220.8	219.4	217.6	215.8	216.7	217.8	219.7	221.3	222.9
36°	222.4	220.6	218.9	217.4	215.8	213.8	214.7	216.0	217.6	219.5	220.9
36.5°	220.6	218.8	217.0	215.6	213.8	211.8	212.7	213.9	215.6	217.5	218.9
37°	218.5	216.8	215.0	213.8	211.9	209.9	210.7	212.0	213.7	215.5	217.1
37.5°	216.5	215.0	213.0	211.9	209.9	208.1	208.8	210.0	211.8	213.5	215.2
38°	214.6	213.0	211.1	209.7	207.9	206.0	206.8	208.0	209.9	211.5	213.2
38.5°	212.7	211.0	209.1	207.7	205.8	203.9	204.6	206.1	207.9	209.6	211.2
39°	210.7	209.0	207.1	205.9	203.9	201.9	202.7	204.1	205.8	207.7	209.3
39.5°	208.8	207.0	205.2	203.9	202.0	199.9	200.8	202.1	203.7	205.6	207.2
40°	206.9	204.9	203.2	201.7	200.0	198.0	198.8	200.0	201.8	203.6	205.1
40.5°	204.7	202.9	201.1	199.6	197.9	196.0	196.6	197.9	199.8	201.5	203.0
41°	202.4	200.9	199.1	197.7	195.7	193.8	194.5	195.8	197.6	199.5	201.2
41.5°	200.4	198.9	197.1	195.7	193.7	191.7	192.4	193.8	195.6	197.3	199.2
42°	198.5	196.7	195.0	193.6	191.8	189.6	190.5	191.8	193.6	195.3	197.0
42.5°	196.6	194.6	192.8	191.5	189.7	187.6	188.4	189.6	191.5	193.4	194.8
43°	194.4	192.6	190.9	189.5	187.6	185.5	186.4	187.5	189.3	191.2	192.8
43.5°	192.2	190.6	188.7	187.5	185.4	183.4	184.2	185.4	187.2	188.9	190.6
44°	190.2	188.4	186.5	185.3	183.2	181.3	182.1	183.2	185.2	186.7	188.6
44.5°	188.1	186.2	184.3	183.1	181.1	179.3	179.8	181.1	183.0	184.7	186.4

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	186.0	184.1	182.3	180.9	179.1	177.1	177.7	179.1	180.9	182.8	184.3
45.5°	183.9	182.0	180.3	178.8	177.0	174.9	175.8	177.0	178.7	180.5	182.3
46°	181.8	179.8	178.1	176.8	174.9	172.8	173.7	174.7	176.6	178.3	180.0
46.5°	179.6	177.7	175.9	174.6	172.7	170.7	171.4	172.5	174.5	176.1	177.8
47°	177.5	175.7	173.7	172.5	170.5	168.6	169.3	170.4	172.4	173.9	175.7
47.5°	175.3	173.5	171.5	170.3	168.3	166.4	167.2	168.2	170.2	171.8	173.6
48°	173.1	171.3	169.5	168.3	166.0	164.3	165.0	166.2	168.0	169.6	171.3
48.5°	171.0	169.1	167.4	166.1	164.0	162.1	162.8	164.0	165.8	167.5	169.1
49°	168.9	166.9	165.2	164.0	162.0	159.9	160.7	161.8	163.7	165.4	167.0
49.5°	166.8	164.8	163.0	161.8	159.7	157.8	158.6	159.5	161.6	163.3	164.8
50°	164.6	162.8	160.8	159.7	157.5	155.6	156.4	157.3	159.4	161.0	162.6
50.5°	162.3	160.6	158.7	157.6	155.4	153.4	154.1	155.2	157.2	158.7	160.5
51°	160.1	158.3	156.5	155.3	153.3	151.2	151.9	153.2	154.9	156.6	158.3
51.5°	158.0	156.2	154.4	153.0	151.1	149.0	149.8	151.0	152.7	154.5	156.0
52°	155.8	154.0	152.2	150.8	149.0	146.9	147.7	148.8	150.6	152.4	153.8
52.5°	153.6	151.8	150.0	148.8	146.8	144.7	145.5	146.7	148.4	150.2	151.7
53°	151.4	149.6	147.8	146.6	144.6	142.5	143.2	144.4	146.1	147.9	149.6
53.5°	149.1	147.4	145.6	144.3	142.5	140.3	140.9	142.3	143.9	145.7	147.2
54°	146.8	145.2	143.4	142.1	140.3	138.0	138.7	140.2	141.7	143.5	145.0
54.5°	144.6	142.9	141.3	139.9	138.0	135.9	136.5	138.0	139.5	141.3	143.0
55°	142.4	140.8	139.2	137.8	135.8	133.6	134.4	135.7	137.3	139.1	140.7
55.5°	140.2	138.6	136.9	135.5	133.7	131.4	132.1	133.4	135.0	137.0	138.4
56°	137.9	136.3	134.7	133.2	131.6	129.2	130.0	131.2	132.7	134.7	136.0
56.5°	135.6	134.1	132.5	131.0	129.4	127.0	127.7	129.1	130.7	132.4	134.0
57°	133.4	131.9	130.3	128.9	127.1	124.8	125.4	126.9	128.4	130.1	131.8
57.5°	131.2	129.8	128.0	126.7	124.7	122.6	123.2	124.6	126.1	127.9	129.5
58°	128.9	127.5	125.9	124.4	122.6	120.2	121.0	122.3	123.9	125.7	127.2
58.5°	126.7	125.2	123.7	122.2	120.5	118.2	118.8	120.1	121.6	123.4	125.0
59°	124.5	122.9	121.4	119.9	118.3	115.9	116.6	117.9	119.4	121.2	122.7
59.5°	122.2	120.7	119.2	117.6	115.9	113.6	114.4	115.6	117.1	118.9	120.4
60°	119.9	118.5	116.9	115.5	113.7	111.5	112.1	113.4	114.9	116.6	118.1
60.5°	117.5	116.3	114.6	113.3	111.5	109.2	109.8	111.2	112.6	114.4	115.9
61°	115.3	113.9	112.4	111.0	109.3	107.0	107.6	109.0	110.4	112.1	113.6
61.5°	113.1	111.7	110.2	108.7	107.0	104.7	105.4	106.8	108.2	109.8	111.4
62°	110.9	109.4	107.9	106.6	104.8	102.4	103.2	104.4	106.0	107.7	109.0
62.5°	108.5	107.1	105.6	104.3	102.5	100.2	101.0	102.2	103.7	105.3	106.7
63°	106.3	104.8	103.3	102.2	100.3	98.0	98.7	99.9	101.4	102.9	104.4
63.5°	104.0	102.5	101.0	100.0	98.1	95.7	96.4	97.7	99.2	100.7	102.1
64°	101.7	100.3	98.8	97.7	95.8	93.5	94.2	95.5	96.9	98.4	99.8
64.5°	99.4	98.0	96.5	95.4	93.6	91.3	91.9	93.2	94.7	96.1	97.5
65°	97.2	95.8	94.3	93.2	91.4	89.0	89.7	91.0	92.4	93.9	95.2
65.5°	94.9	93.5	92.1	91.0	89.1	86.7	87.4	88.6	90.2	91.6	92.9
66°	92.6	91.1	89.8	88.8	86.9	84.5	85.2	86.3	87.9	89.4	90.6
66.5°	90.3	88.9	87.5	86.5	84.6	82.3	82.9	84.1	85.6	87.1	88.4
67°	88.1	86.6	85.3	84.3	82.4	80.1	80.7	82.0	83.4	84.8	86.1

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

Scaled Data Report

TEST NUMBER: P1596585
CATALOG NUMBER: HLB2LSFS5-HI-3500K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	85.8	84.3	83.1	82.1	80.2	77.9	78.5	79.6	81.2	82.5	83.9
68°	83.6	82.2	80.8	79.9	78.0	75.6	76.2	77.4	79.0	80.3	81.5
68.5°	81.3	79.9	78.5	77.7	75.7	73.5	74.1	75.2	76.8	78.1	79.3
69°	79.1	77.6	76.4	75.5	73.5	71.3	71.9	72.9	74.5	75.8	77.1
69.5°	76.9	75.4	74.2	73.3	71.4	69.1	69.7	70.7	72.3	73.5	74.8
70°	74.6	73.3	71.9	71.0	69.1	66.9	67.5	68.6	70.2	71.3	72.5
70.5°	72.4	71.1	69.7	69.0	67.0	64.8	65.4	66.4	68.0	69.1	70.3
71°	70.2	68.8	67.5	66.8	64.8	62.7	63.3	64.2	65.8	66.9	68.1
71.5°	68.0	66.7	65.4	64.6	62.7	60.5	61.1	62.0	63.6	64.7	65.9
72°	65.9	64.5	63.3	62.5	60.5	58.4	59.0	59.8	61.5	62.5	63.7
72.5°	63.7	62.3	61.1	60.4	58.4	56.3	56.8	57.7	59.4	60.4	61.5
73°	61.5	60.2	59.0	58.3	56.3	54.2	54.7	55.5	57.2	58.2	59.4
73.5°	59.3	58.1	56.9	56.2	54.2	52.1	52.6	53.4	55.1	56.1	57.3
74°	57.2	56.0	54.8	54.0	52.0	50.0	50.6	51.4	53.0	54.0	55.0
74.5°	55.1	53.8	52.7	51.9	50.0	48.0	48.5	49.2	50.8	51.9	52.9
75°	53.0	51.8	50.6	49.9	47.9	46.0	46.4	47.2	48.7	49.8	50.9
75.5°	50.9	49.8	48.6	47.9	45.9	43.9	44.3	45.1	46.7	47.7	48.8
76°	48.8	47.6	46.5	45.8	43.9	41.9	42.3	43.0	44.6	45.6	46.6
76.5°	46.7	45.6	44.5	43.8	41.8	39.9	40.3	41.0	42.5	43.5	44.5
77°	44.6	43.6	43.0	41.8	39.8	37.9	38.3	39.0	40.5	41.5	42.6
77.5°	42.7	41.6	40.9	39.8	37.8	35.9	36.4	37.0	38.5	39.5	40.5
78°	40.7	39.6	38.8	37.9	35.9	34.0	34.4	35.1	36.5	37.5	38.4
78.5°	38.6	37.6	36.6	35.9	34.0	32.0	32.4	33.1	34.6	35.5	36.4
79°	36.6	35.6	34.5	33.9	32.0	30.1	30.5	31.2	32.6	33.5	34.5
79.5°	34.5	33.6	32.6	32.0	30.1	28.2	28.7	29.2	30.6	31.5	32.5
80°	32.5	31.6	30.7	30.1	28.2	26.4	26.7	27.4	28.7	29.6	30.5
80.5°	30.5	29.7	28.8	28.2	26.3	24.5	24.9	25.5	26.8	27.7	28.6
81°	28.7	27.8	26.9	26.2	24.5	22.7	23.0	23.7	24.9	25.8	26.7
81.5°	26.7	25.9	25.1	24.4	22.7	20.9	21.2	21.8	23.1	23.9	24.7
82°	24.8	24.0	23.2	22.6	20.8	19.1	19.4	20.0	21.2	22.1	22.9
82.5°	22.9	22.2	21.4	20.8	19.1	17.3	17.6	18.2	19.4	20.2	21.0
83°	21.0	20.4	19.6	18.9	17.3	15.6	15.9	16.5	17.5	18.4	19.2
83.5°	19.2	18.5	17.8	17.2	15.6	13.9	14.2	14.7	15.8	16.7	17.4
84°	17.4	16.8	16.1	15.4	13.9	12.3	12.6	13.1	14.0	14.8	15.6
84.5°	15.6	15.0	14.3	13.7	12.3	10.6	10.9	11.4	12.3	13.1	13.8
85°	13.8	13.3	12.6	12.0	10.6	9.0	9.2	9.8	10.6	11.4	12.1
85.5°	12.1	11.6	10.9	10.4	9.0	7.3	7.6	8.1	8.9	9.7	10.5
86°	10.4	9.9	9.3	8.7	7.4	5.7	5.9	6.5	7.2	8.1	8.8
86.5°	8.7	8.3	7.7	7.1	5.8	4.2	4.4	4.8	5.5	6.4	7.1
87°	7.0	6.6	6.0	5.5	4.2	2.7	2.9	3.3	3.9	4.7	5.4
87.5°	5.4	5.0	4.5	4.0	2.8	1.4	1.5	1.9	2.5	3.1	3.8
88°	3.9	4.0	3.4	3.0	1.5	0.4	0.5	0.7	1.1	1.7	2.3
88.5°	2.9	3.0	2.3	2.0	0.5	0.1	0.1	0.1	0.2	0.5	0.9
89°	2.0	2.0	1.2	1.0	0.1	0.1	0.1	0.0	0.1	0.1	0.2
89.5°	1.0	1.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0

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

Scaled Data Report

TEST NUMBER: P1596585
CATALOG NUMBER: HLB2LSFS5-HI-3500K

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	0.1	0.1	0.0	0.0
90.5°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0
91°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.1
91.5°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
92°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
92.5°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	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	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
98.5°	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
99°	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
99.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
100°	0.1	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

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Scaled Data Report

TEST NUMBER: P1596585
CATALOG NUMBER: HLB2LSFS5-HI-3500K

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	0.2	0.1	0.1	0.1	0.1
130.5°	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.1	0.1
131°	0.1	0.1	0.1	0.1	0.2	0.1	0.2	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	0.2	0.2	0.1	0.1	0.1	0.1
132.5°	0.1	0.1	0.1	0.1	0.2	0.2	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	0.2	0.1	0.1	0.2
133.5°	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.2
134°	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.2
134.5°	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.2

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

Scaled Data Report

TEST NUMBER: P1596585
CATALOG NUMBER: HLB2LSFS5-HI-3500K

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	0.2	0.1	0.2
135.5°	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
136°	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
136.5°	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	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°	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
141.5°	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
142°	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
142.5°	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
143°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
143.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
144°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
144.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
145°	0.2	0.2	0.2	0.2	0.2	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	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	0.3	0.2	0.2	0.2	0.2
150°	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2
150.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2
151°	0.2	0.2	0.2	0.2	0.2	0.2	0.3	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	0.3	0.2	0.2	0.2
152.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.2
153°	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.2
153.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	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	0.3	0.3	0.3	0.2	0.2	0.2
155.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.2
156°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.2
156.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.2
157°	0.2	0.2	0.2	0.2	0.3	0.3	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: P1596585
CATALOG NUMBER: HLB2LSFS5-HI-3500K

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	0.3	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	0.3	0.2	0.2
160.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2
161°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2
161.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2
162°	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.3	0.3	0.3	0.3
162.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.3	0.3	0.3	0.3
163°	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.3	0.3	0.3	0.3
163.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.3	0.3	0.3	0.3
164°	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.3	0.3	0.3	0.3
164.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.3	0.3	0.3	0.3
165°	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.3	0.3	0.3	0.3
165.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.3	0.3	0.3	0.3
166°	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.3	0.3	0.3	0.3
166.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.3	0.3	0.3	0.3
167°	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.3	0.3	0.3	0.3
167.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.3	0.3	0.3	0.3
168°	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.3	0.3	0.3	0.3
168.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.3	0.3	0.3	0.3
169°	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.3	0.3	0.3	0.3
169.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.3	0.3	0.2	0.3
170°	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.3	0.3	0.2	0.3
170.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.3	0.3	0.2	0.3
171°	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.3	0.3	0.2	0.3
171.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.3
172°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.3
172.5°	0.2	0.2	0.2	0.2	0.3	0.2	0.3	0.3	0.3	0.2	0.3
173°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.3
173.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.3
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	0.3	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: P1596585
CATALOG NUMBER: HLB2LSFS5-HI-3500K

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: P1596585
CATALOG NUMBER: HLB2LSFS5-HI-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	298.2	298.2	298.2	298.2	298.2	298.2
0.5°	298.2	298.2	298.1	297.9	298.4	298.3
1°	*298.3*	*298.0*	*298.0*	*298.0*	*298.3*	*298.4*
1.5°	298.4	297.8	298.1	298.3	298.1	298.4
2°	298.3	297.9	298.0	298.3	298.1	298.1
2.5°	298.0	298.0	298.1	298.0	298.3	297.9
3°	297.7	297.7	297.9	297.9	298.2	297.9
3.5°	297.6	297.6	297.8	297.7	297.6	297.9
4°	297.6	297.6	297.6	297.7	297.5	297.7
4.5°	297.4	297.2	297.7	297.5	297.5	297.3
5°	296.9	296.9	297.3	297.2	297.3	296.8
5.5°	296.3	296.8	296.9	296.8	296.9	296.6
6°	296.2	296.4	296.5	296.6	296.6	296.2
6.5°	295.9	295.7	296.4	296.3	296.2	295.7
7°	295.3	295.3	296.1	295.9	295.8	295.4
7.5°	294.8	295.3	295.7	295.5	295.4	295.4
8°	294.4	294.8	295.1	295.0	295.0	294.8
8.5°	293.9	294.2	294.6	294.6	294.4	293.8
9°	293.3	293.6	294.2	294.1	293.8	293.1
9.5°	292.8	293.0	293.7	293.6	293.4	292.9
10°	292.1	292.5	293.0	293.0	292.9	292.5
10.5°	291.5	291.9	292.6	292.4	292.2	291.7
11°	290.8	291.1	292.0	291.9	291.3	291.0
11.5°	290.1	290.5	291.3	291.2	290.6	290.1
12°	289.4	289.9	290.6	290.5	290.0	289.4
12.5°	288.3	289.1	289.9	289.7	289.3	288.7
13°	287.6	288.2	289.1	288.7	288.6	287.8
13.5°	286.9	287.4	288.4	288.0	287.7	286.9
14°	286.2	286.6	287.6	287.4	286.8	286.3
14.5°	285.3	285.7	286.6	286.7	285.9	285.5
15°	284.4	284.8	285.7	285.6	285.1	284.4
15.5°	283.1	284.1	284.9	284.6	284.0	283.2
16°	282.1	283.0	284.1	283.8	283.2	282.2
16.5°	281.3	281.7	283.1	282.8	282.3	281.4
17°	280.4	280.7	282.0	281.8	281.2	280.5
17.5°	279.2	280.0	281.1	280.8	280.1	279.3
18°	278.1	279.0	280.0	279.7	279.0	278.0
18.5°	276.9	277.7	279.0	278.6	277.9	277.0
19°	275.7	276.5	277.7	277.5	276.7	275.9
19.5°	274.5	275.3	276.6	276.2	275.7	274.6
20°	273.3	274.2	275.5	275.1	274.6	273.5
20.5°	272.2	272.8	274.5	274.1	273.2	272.3
21°	270.9	271.6	273.1	272.7	271.8	271.0
21.5°	269.5	270.4	271.8	271.5	270.8	269.7
22°	268.1	269.3	270.4	270.3	269.6	268.3

Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report

TEST NUMBER: P1596585
CATALOG NUMBER: HLB2LSFS5-HI-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	266.7	267.8	269.2	269.0	268.1	266.9
23°	265.5	266.6	268.1	267.5	266.8	265.7
23.5°	264.2	265.2	266.7	266.2	265.4	264.3
24°	262.7	263.6	265.2	264.9	263.9	262.8
24.5°	261.2	262.2	263.7	263.6	262.4	261.4
25°	259.7	261.0	262.4	262.0	261.0	259.8
25.5°	258.1	259.3	261.0	260.6	259.8	258.3
26°	256.5	257.7	259.7	259.2	258.4	257.0
26.5°	255.1	256.3	258.1	257.7	256.6	255.5
27°	253.8	254.9	256.4	255.9	254.9	253.8
27.5°	252.3	253.1	254.9	254.4	253.5	252.2
28°	250.6	251.5	253.5	253.0	252.0	250.7
28.5°	248.8	250.1	251.8	251.5	250.3	248.9
29°	247.2	248.5	250.2	249.7	248.7	247.3
29.5°	245.5	246.8	248.6	247.9	247.2	245.6
30°	243.9	245.0	246.9	246.3	245.4	243.9
30.5°	242.0	243.4	245.2	244.6	243.7	242.3
31°	240.2	241.7	243.5	243.1	242.0	240.6
31.5°	238.6	240.1	241.8	241.5	240.3	238.8
32°	236.9	238.3	240.0	239.6	238.7	237.0
32.5°	235.2	236.5	238.3	237.7	236.9	235.2
33°	233.3	234.6	236.8	236.0	234.9	233.4
33.5°	231.5	232.9	234.9	234.4	233.0	231.8
34°	229.7	231.1	232.9	232.6	231.3	229.9
34.5°	227.8	229.2	231.1	230.8	229.7	228.0
35°	225.9	227.4	229.4	228.8	227.7	226.0
35.5°	224.1	225.4	227.6	226.7	225.7	224.2
36°	222.2	223.5	225.7	224.9	223.9	222.4
36.5°	220.3	221.8	223.7	223.2	222.2	220.6
37°	218.3	220.0	221.8	221.3	220.2	218.5
37.5°	216.5	217.8	219.9	219.4	218.1	216.5
38°	214.5	215.8	217.9	217.3	216.3	214.6
38.5°	212.2	214.0	216.0	215.4	214.4	212.7
39°	210.3	212.0	214.1	213.3	212.3	210.7
39.5°	208.7	210.0	212.0	211.4	210.3	208.8
40°	206.5	208.0	210.1	209.5	208.4	206.9
40.5°	204.2	206.0	208.1	207.5	206.3	204.7
41°	202.2	203.9	206.0	205.3	204.3	202.4
41.5°	200.2	201.9	203.9	203.3	202.3	200.4
42°	198.2	199.8	201.9	201.3	200.2	198.5
42.5°	196.1	197.6	200.0	199.2	198.2	196.6
43°	194.1	195.6	197.8	197.2	196.0	194.4
43.5°	192.0	193.7	195.7	195.2	193.8	192.2
44°	189.8	191.5	193.7	193.0	191.8	190.2
44.5°	187.5	189.3	191.6	190.8	189.7	188.1

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

Scaled Data Report

TEST NUMBER: P1596585
CATALOG NUMBER: HLB2LSFS5-HI-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	185.5	187.1	189.4	188.8	187.7	186.0
45.5°	183.4	185.1	187.2	186.7	185.6	183.9
46°	181.2	182.9	185.3	184.6	183.4	181.8
46.5°	179.2	180.8	183.1	182.4	181.2	179.6
47°	177.0	178.5	180.9	180.2	179.0	177.5
47.5°	174.9	176.4	178.7	178.0	176.8	175.3
48°	172.7	174.2	176.5	175.9	174.7	173.1
48.5°	170.5	172.0	174.4	173.8	172.5	171.0
49°	168.3	169.8	172.3	171.7	170.3	168.9
49.5°	166.2	167.7	170.2	169.4	168.0	166.8
50°	164.0	165.4	167.9	167.4	166.0	164.6
50.5°	161.8	163.3	165.7	165.1	163.8	162.3
51°	159.6	161.1	163.5	162.9	161.6	160.1
51.5°	157.3	158.9	161.3	160.6	159.5	158.0
52°	155.1	156.6	159.1	158.5	157.3	155.8
52.5°	152.9	154.6	157.0	156.3	155.2	153.6
53°	150.8	152.5	154.7	154.0	153.0	151.4
53.5°	148.5	150.2	152.4	151.8	150.7	149.1
54°	146.1	147.8	150.2	149.6	148.5	146.8
54.5°	143.9	145.8	148.0	147.4	146.4	144.6
55°	141.7	143.5	145.7	145.1	144.2	142.4
55.5°	139.4	141.3	143.5	142.8	141.9	140.2
56°	137.2	139.0	141.3	140.7	139.6	137.9
56.5°	134.9	136.8	139.0	138.4	137.4	135.6
57°	132.6	134.5	136.7	136.1	135.2	133.4
57.5°	130.3	132.4	134.4	133.9	133.0	131.2
58°	128.1	130.1	132.2	131.5	130.8	128.9
58.5°	125.8	127.7	130.0	129.3	128.4	126.7
59°	123.5	125.4	127.7	127.1	126.1	124.5
59.5°	121.3	123.2	125.4	124.8	123.8	122.2
60°	119.1	120.9	123.1	122.5	121.6	119.9
60.5°	116.7	118.6	120.9	120.3	119.4	117.5
61°	114.4	116.3	118.5	118.0	117.0	115.3
61.5°	112.1	114.0	116.3	115.7	114.8	113.1
62°	110.0	111.7	114.0	113.3	112.4	110.9
62.5°	107.7	109.4	111.7	111.1	110.2	108.5
63°	105.3	107.1	109.3	108.8	107.9	106.3
63.5°	103.1	104.8	107.0	106.5	105.5	104.0
64°	100.8	102.4	104.7	104.1	103.3	101.7
64.5°	98.5	100.1	102.4	101.8	101.0	99.4
65°	96.3	97.9	100.1	99.5	98.6	97.2
65.5°	94.0	95.5	97.8	97.3	96.4	94.9
66°	91.7	93.2	95.4	94.9	94.0	92.6
66.5°	89.4	90.9	93.1	92.6	91.7	90.3
67°	87.2	88.7	90.8	90.3	89.5	88.1

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

Scaled Data Report

TEST NUMBER: P1596585
CATALOG NUMBER: HLB2LSFS5-HI-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	84.8	86.4	88.5	88.0	87.2	85.8
68°	82.6	84.1	86.3	85.7	84.9	83.6
68.5°	80.4	81.8	84.0	83.4	82.6	81.3
69°	78.1	79.5	81.7	81.2	80.3	79.1
69.5°	75.8	77.2	79.4	79.0	78.0	76.9
70°	73.6	75.0	77.1	76.6	75.8	74.6
70.5°	71.4	72.7	74.9	74.4	73.5	72.4
71°	69.1	70.5	72.6	72.2	71.3	70.2
71.5°	66.9	68.2	70.4	70.0	69.0	68.0
72°	64.8	66.0	68.3	67.7	66.7	65.9
72.5°	62.6	63.8	66.0	65.5	64.6	63.7
73°	60.4	61.6	63.8	63.3	62.4	61.5
73.5°	58.2	59.4	61.6	61.1	60.2	59.3
74°	56.0	57.2	59.5	59.0	58.0	57.2
74.5°	53.8	55.0	57.3	56.8	55.8	55.1
75°	51.8	53.0	55.1	54.6	53.7	53.0
75.5°	49.6	50.8	53.0	52.5	51.6	50.9
76°	47.5	48.6	50.8	50.4	49.4	48.8
76.5°	45.4	46.5	48.7	48.3	47.3	46.7
77°	43.3	44.5	46.6	46.1	45.2	44.6
77.5°	41.3	43.0	44.5	44.1	43.2	42.7
78°	39.2	40.8	42.4	42.0	41.1	40.7
78.5°	37.2	38.6	40.4	40.0	39.1	38.6
79°	35.1	36.5	38.3	37.9	37.1	36.6
79.5°	33.1	34.3	36.3	35.9	35.1	34.5
80°	31.2	32.3	34.2	33.8	33.1	32.5
80.5°	29.3	30.3	32.2	31.8	31.1	30.5
81°	27.3	28.4	30.3	29.9	29.2	28.7
81.5°	25.4	26.4	28.3	28.0	27.2	26.7
82°	23.5	24.5	26.4	26.0	25.3	24.8
82.5°	21.6	22.7	24.5	24.1	23.4	22.9
83°	19.7	20.8	22.6	22.2	21.5	21.0
83.5°	17.9	18.9	20.7	20.4	19.7	19.2
84°	16.1	17.1	18.9	18.5	17.9	17.4
84.5°	14.3	15.4	17.1	16.7	16.1	15.6
85°	12.6	13.6	15.3	15.0	14.3	13.8
85.5°	10.9	11.8	13.5	13.2	12.6	12.1
86°	9.2	10.2	11.8	11.5	10.9	10.4
86.5°	7.5	8.5	10.1	9.8	9.3	8.7
87°	5.8	6.9	8.4	8.1	7.6	7.0
87.5°	4.2	5.3	6.8	6.5	6.0	5.4
88°	2.6	3.7	5.2	4.9	4.4	3.9
88.5°	1.2	2.2	4.2	3.7	3.3	2.9
89°	0.3	1.7	3.1	2.5	2.3	2.0
89.5°	0.1	1.3	2.1	1.3	1.2	1.0

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

Scaled Data Report

TEST NUMBER: P1596585
CATALOG NUMBER: HLB2LSFS5-HI-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
90°	0.0	0.9	1.1	0.1	0.1	0.1
90.5°	0.0	0.5	0.1	0.0	0.0	0.0
91°	0.1	0.1	0.0	0.0	0.0	0.0
91.5°	0.1	0.0	0.0	0.0	0.0	0.0
92°	0.1	0.0	0.0	0.0	0.0	0.0
92.5°	0.1	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	0.1	0.0	0.0	0.0	0.0
98.5°	0.1	0.1	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	0.1	0.1	0.1	0.1
100°	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
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: P1596585
CATALOG NUMBER: HLB2LSFS5-HI-3500K

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	0.2	0.1	0.1	0.1	0.1
129°	0.1	0.2	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°	0.2	0.2	0.1	0.1	0.1	0.1
133.5°	0.2	0.2	0.1	0.1	0.1	0.1
134°	0.2	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: P1596585
CATALOG NUMBER: HLB2LSFS5-HI-3500K

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	0.2	0.1	0.1	0.1
139°	0.2	0.2	0.2	0.1	0.1	0.1
139.5°	0.2	0.2	0.2	0.1	0.1	0.1
140°	0.2	0.2	0.2	0.1	0.1	0.1
140.5°	0.2	0.2	0.2	0.2	0.1	0.1
141°	0.2	0.2	0.2	0.2	0.1	0.2
141.5°	0.2	0.2	0.2	0.2	0.1	0.2
142°	0.2	0.2	0.2	0.2	0.2	0.2
142.5°	0.2	0.2	0.2	0.2	0.2	0.2
143°	0.2	0.2	0.2	0.2	0.2	0.2
143.5°	0.2	0.2	0.2	0.2	0.2	0.2
144°	0.2	0.2	0.2	0.2	0.2	0.2
144.5°	0.2	0.2	0.2	0.2	0.2	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°	0.3	0.2	0.2	0.2	0.2	0.2
148.5°	0.3	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: P1596585
CATALOG NUMBER: HLB2LSFS5-HI-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
157.5°	0.4	0.2	0.2	0.2	0.2	0.2
158°	0.4	0.2	0.2	0.2	0.2	0.2
158.5°	0.4	0.2	0.2	0.2	0.2	0.2
159°	0.4	0.2	0.2	0.2	0.2	0.2
159.5°	0.4	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	0.3	0.2	0.2	0.2	0.2
163.5°	0.4	0.3	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	0.3	0.2	0.2	0.2
171°	0.3	0.3	0.3	0.2	0.2	0.2
171.5°	0.2	0.3	0.3	0.2	0.2	0.2
172°	0.3	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	0.3	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: P1596585
CATALOG NUMBER: HLB2LSFS5-HI-3500K

CANDELA DISTRIBUTION (continued):

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

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TEST NUMBER: P1596585
CATALOG NUMBER: HLB2LSFS5-HI-3500K

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	30.00	31.62	30.36	31.93	32.25	29.63	31.25	29.99	31.57	31.88
	3H	31.79	33.25	32.17	33.58	33.95	31.37	32.83	31.74	33.16	33.52
	4H	32.47	33.85	32.87	34.20	34.58	32.01	33.39	32.41	33.74	34.11
	6H	32.99	34.27	33.40	34.64	35.03	32.46	33.74	32.88	34.11	34.50
	8H	33.16	34.38	33.59	34.77	35.18	32.60	33.82	33.03	34.21	34.61
	12H	33.24	34.41	33.67	34.79	35.22	32.65	33.82	33.08	34.20	34.63
4H	2H	30.62	32.00	31.02	32.35	32.73	30.25	31.63	30.65	31.98	32.36
	3H	32.64	33.79	33.05	34.19	34.60	32.21	33.37	32.62	33.76	34.17
	4H	33.45	34.50	33.89	34.91	35.35	32.97	34.02	33.41	34.43	34.87
	6H	34.10	35.02	34.56	35.46	35.92	33.55	34.47	34.01	34.91	35.37
	8H	34.32	35.18	34.78	35.62	36.09	33.73	34.59	34.20	35.03	35.50
	12H	34.45	35.22	34.94	35.70	36.17	33.83	34.60	34.31	35.07	35.54
8H	4H	33.77	34.63	34.23	35.07	35.54	33.28	34.14	33.74	34.58	35.05
	6H	34.55	35.26	35.04	35.75	36.23	33.98	34.69	34.47	35.18	35.65
	8H	34.84	35.48	35.35	35.99	36.48	34.22	34.86	34.73	35.37	35.85
	12H	35.05	35.62	35.56	36.11	36.67	34.37	34.94	34.88	35.43	35.99
12H	4H	33.81	34.58	34.29	35.05	35.52	33.31	34.08	33.80	34.56	35.03
	6H	34.61	35.25	35.12	35.75	36.24	34.03	34.67	34.54	35.18	35.66
	8H	34.96	35.53	35.47	36.02	36.58	34.33	34.89	34.83	35.38	35.94

END OF REPORT