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: P1596609

Luminaire Tested: HLB2SLSFS5-MED-3000K

Issue Date: 10/7/2026

Report Generated By 670265710 / DESKTOP-98SHLC4

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1596609
	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-MED-3000K
Description:	HLB2 2" SQUARE SLIM LOW GLARE CANLESS LED DOWNLIGHT
Light Source:	3000K CCT, 90 CRI LEDS
Ballast/Driver:	-

Summary

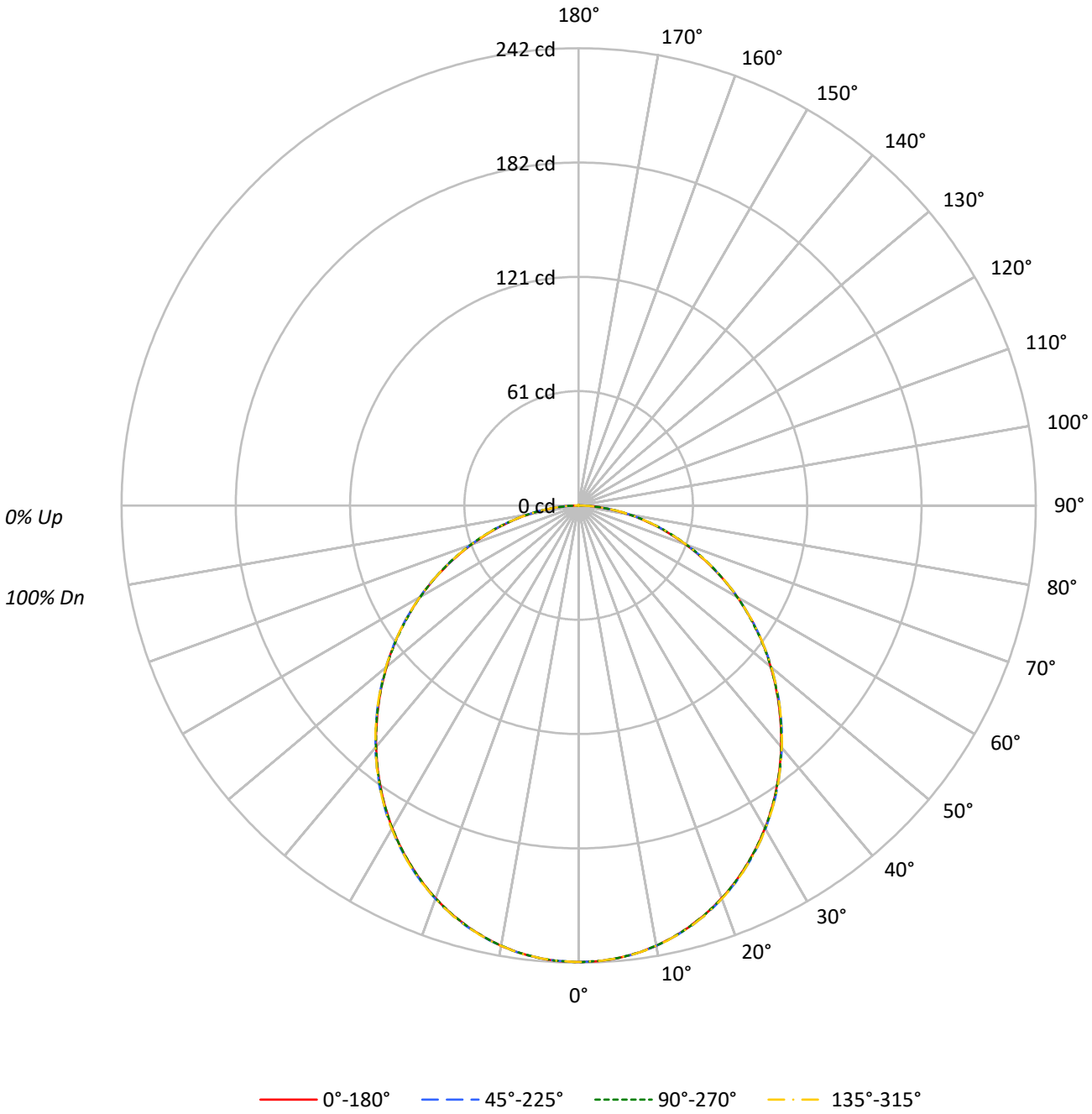
Lumens per Lamp:	N/A
Luminaire Lumens:	655.0 lumens
Efficiency:	N/A
Efficacy:	97.8 lumens/watt
Spacing Criteria (0/90/45):	1.22 / 1.22 / 1.33
Luminous Opening:	Rectangular (W 0.09' x L: 0.09' x H: 0')
CIE Type:	Direct
Input Watts (W):	6.7
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	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°	321057	321057	321057	321057
5°	320816	320816	320816	320816
10°	319398	319128	319398	319128
15°	316699	316561	316699	316561
20°	312813	312954	312813	312954
25°	308207	308060	308207	308060
30°	302595	302595	302595	302595
35°	296225	296387	296225	296387
40°	289179	289526	289179	289526
45°	281710	282086	281710	282086
50°	274340	274546	274340	274546
55°	266667	265972	266667	265972
60°	257537	257271	257537	257271
65°	246521	247778	246521	247778
70°	233511	236231	233511	236231
75°	219752	223346	219752	223346
80°	202031	205093	202031	205093
85°	169244	170768	169244	170768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 22.5°
Vertical Angle: 45°
Luminance: 282837 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	22.8	3.5
10°-20°	64.9	9.9
20°-30°	96.9	14.8
30°-40°	114.4	17.5
40°-50°	116.0	17.7
50°-60°	103.0	15.7
60°-70°	77.9	11.9
70°-80°	45.7	7.0
80°-90°	12.7	1.9
90°-100°	0.0	0.0
100°-110°	0.1	0.0
110°-120°	0.1	0.0
120°-130°	0.1	0.0
130°-140°	0.1	0.0
140°-150°	0.1	0.0
150°-160°	0.1	0.0
160°-170°	0.1	0.0
170°-180°	0.0	0.0
0°-30°	184.7	28.2
0°-40°	299.1	45.7
0°-60°	518.1	79.1
0°-90°	654.4	99.9
90°-120°	0.2	0.0
90°-150°	0.4	0.1
90°-180°	1.0	0.2
0°-180°	655.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	242	242	242	242	242	
5°	240	240	240	240	240	23
15°	230	230	230	230	230	65
25°	210	210	210	210	210	97
35°	183	183	183	183	183	114
45°	150	150	150	150	150	116
55°	115	115	115	115	115	103
65°	78	79	78	79	78	78
75°	43	44	43	44	43	45
85°	11	11	11	11	11	12
90°	0	0	0	0	0	0
95°	0	0	0	0	0	0
105°	0	0	0	0	0	0
115°	0	0	0	0	0	0
125°	0	0	0	0	0	0
135°	0	0	0	0	0	0
145°	0	0	0	0	0	0
155°	0	0	0	0	0	0
165°	0	0	0	0	0	0
175°	0	0	0	0	0	0
180°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	241.6	241.6	241.6	241.6	*241.6*	241.6	241.6	241.6	241.6	241.6	241.6
0.5°	*241.6*	*241.6*	*241.6*	*241.6*	*241.7*	*241.6*	*241.6*	*241.6*	*241.6*	*241.6*	*241.6*
1°	241.6	241.6	241.5	241.6	*241.6*	241.6	241.5	241.6	241.6	241.6	241.5
1.5°	241.5	241.5	241.5	241.5	*241.5*	241.5	241.5	241.5	241.5	241.5	241.5
2°	241.5	241.4	241.4	241.3	*241.4*	241.3	241.4	241.4	241.5	241.4	241.4
2.5°	241.4	241.4	241.3	241.3	*241.3*	241.3	241.3	241.4	241.4	241.4	241.3
3°	241.3	241.3	241.2	241.2	*241.2*	241.2	241.2	241.3	241.3	241.3	241.2
3.5°	241.1	241.0	241.0	241.0	*241.1*	241.0	241.0	241.0	241.1	241.0	241.0
4°	240.9	240.8	240.8	240.8	*240.8*	240.8	240.8	240.8	240.9	240.8	240.8
4.5°	240.7	240.7	240.7	240.6	*240.6*	240.6	240.7	240.7	240.7	240.7	240.7
5°	240.5	240.5	240.4	240.4	*240.5*	240.4	240.4	240.5	240.5	240.5	240.4
5.5°	240.2	240.2	240.1	240.1	*240.2*	240.1	240.1	240.2	240.2	240.2	240.1
6°	239.9	239.9	239.9	239.8	*239.8*	239.8	239.9	239.9	239.9	239.9	239.9
6.5°	239.6	239.6	239.6	239.5	*239.5*	239.5	239.6	239.6	239.6	239.6	239.6
7°	239.2	239.2	239.3	239.2	*239.2*	239.2	239.3	239.2	239.2	239.2	239.3
7.5°	238.9	238.9	238.9	238.8	*238.8*	238.8	238.9	238.9	238.9	238.9	238.9
8°	238.5	238.5	238.5	238.5	*238.4*	238.5	238.5	238.5	238.5	238.5	238.5
8.5°	238.0	238.1	238.1	238.1	*238.1*	238.1	238.1	238.1	238.0	238.1	238.1
9°	237.5	237.7	237.6	237.6	*237.5*	237.6	237.6	237.7	237.5	237.7	237.6
9.5°	237.2	237.2	237.1	237.1	*237.0*	237.1	237.1	237.2	237.2	237.2	237.1
10°	236.7	236.6	236.7	236.6	*236.5*	236.6	236.7	236.6	236.7	236.6	236.7
10.5°	236.1	236.2	236.1	236.1	*236.1*	236.1	236.1	236.2	236.1	236.2	236.1
11°	235.5	235.7	235.6	235.6	*235.5*	235.6	235.6	235.7	235.5	235.7	235.6
11.5°	234.9	235.1	235.1	235.0	*235.0*	235.0	235.1	235.1	234.9	235.1	235.1
12°	234.4	234.4	234.4	234.3	*234.3*	234.3	234.4	234.4	234.4	234.4	234.4
12.5°	233.7	233.8	233.8	233.8	*233.7*	233.8	233.8	233.8	233.7	233.8	233.8
13°	233.0	233.2	233.2	233.2	*233.0*	233.2	233.2	233.2	233.0	233.2	233.2
13.5°	232.3	232.5	232.5	232.5	*232.4*	232.5	232.5	232.5	232.3	232.5	232.5
14°	231.6	231.8	231.8	231.7	*231.6*	231.7	231.8	231.8	231.6	231.8	231.8
14.5°	230.9	231.0	231.1	231.0	*230.9*	231.0	231.1	231.0	230.9	231.0	231.1
15°	230.2	230.3	230.4	230.3	*230.1*	230.3	230.4	230.3	230.2	230.3	230.4
15.5°	229.3	229.5	229.6	229.5	*229.3*	229.5	229.6	229.5	229.3	229.5	229.6
16°	228.5	228.7	228.7	228.7	*228.5*	228.7	228.7	228.7	228.5	228.7	228.7
16.5°	227.7	227.9	228.0	227.9	*227.7*	227.9	228.0	227.9	227.7	227.9	228.0
17°	226.9	227.0	227.2	227.0	*226.9*	227.0	227.2	227.0	226.9	227.0	227.2
17.5°	226.0	226.2	226.3	226.2	*226.0*	226.2	226.3	226.2	226.0	226.2	226.3
18°	225.1	225.2	225.4	225.3	*225.0*	225.3	225.4	225.2	225.1	225.2	225.4
18.5°	224.1	224.4	224.5	224.4	*224.2*	224.4	224.5	224.4	224.1	224.4	224.5
19°	223.2	223.4	223.6	223.5	*223.2*	223.5	223.6	223.4	223.2	223.4	223.6
19.5°	222.2	222.4	222.6	222.5	*222.2*	222.5	222.6	222.4	222.2	222.4	222.6
20°	221.2	221.4	221.6	221.5	*221.3*	221.5	221.6	221.4	221.2	221.4	221.6
20.5°	220.3	220.5	220.6	220.5	*220.3*	220.5	220.6	220.5	220.3	220.5	220.6
21°	219.2	219.4	219.6	219.5	*219.2*	219.5	219.6	219.4	219.2	219.4	219.6
21.5°	218.1	218.4	218.5	218.4	*218.1*	218.4	218.5	218.4	218.1	218.4	218.5
22°	217.1	217.3	217.4	217.3	*217.1*	217.3	217.4	217.3	217.1	217.3	217.4

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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°	216.0	216.2	216.4	216.3	*216.0*	216.3	216.4	216.2	216.0	216.2	216.4
23°	214.8	215.1	215.3	215.1	*214.8*	215.1	215.3	215.1	214.8	215.1	215.3
23.5°	213.7	214.0	214.1	214.0	*213.7*	214.0	214.1	214.0	213.7	214.0	214.1
24°	212.5	212.8	213.0	212.9	*212.6*	212.9	213.0	212.8	212.5	212.8	213.0
24.5°	211.3	211.7	211.8	211.7	*211.3*	211.7	211.8	211.7	211.3	211.7	211.8
25°	210.2	210.5	210.6	210.6	*210.1*	210.6	210.6	210.5	210.2	210.5	210.6
25.5°	209.0	209.2	209.4	209.3	*209.0*	209.3	209.4	209.2	209.0	209.2	209.4
26°	207.7	208.0	208.2	208.1	*207.7*	208.1	208.2	208.0	207.7	208.0	208.2
26.5°	206.5	206.8	206.9	206.9	*206.5*	206.9	206.9	206.8	206.5	206.8	206.9
27°	205.2	205.5	205.6	205.6	*205.2*	205.6	205.6	205.5	205.2	205.5	205.6
27.5°	203.9	204.3	204.4	204.3	*203.9*	204.3	204.4	204.3	203.9	204.3	204.4
28°	202.6	202.9	203.1	202.9	*202.6*	202.9	203.1	202.9	202.6	202.9	203.1
28.5°	201.3	201.6	201.8	201.7	*201.3*	201.7	201.8	201.6	201.3	201.6	201.8
29°	200.0	200.2	200.5	200.3	*200.0*	200.3	200.5	200.2	200.0	200.2	200.5
29.5°	198.6	198.9	199.1	199.0	*198.6*	199.0	199.1	198.9	198.6	198.9	199.1
30°	197.2	197.6	197.7	197.7	*197.2*	197.7	197.7	197.6	197.2	197.6	197.7
30.5°	195.9	196.2	196.4	196.2	*195.9*	196.2	196.4	196.2	195.9	196.2	196.4
31°	194.4	194.8	194.9	194.8	*194.5*	194.8	194.9	194.8	194.4	194.8	194.9
31.5°	193.0	193.4	193.5	193.4	*193.1*	193.4	193.5	193.4	193.0	193.4	193.5
32°	191.5	191.9	192.1	192.1	*191.6*	192.1	192.1	191.9	191.5	191.9	192.1
32.5°	190.1	190.5	190.7	190.6	*190.2*	190.6	190.7	190.5	190.1	190.5	190.7
33°	188.7	189.0	189.2	189.1	*188.7*	189.1	189.2	189.0	188.7	189.0	189.2
33.5°	187.2	187.5	187.7	187.6	*187.3*	187.6	187.7	187.5	187.2	187.5	187.7
34°	185.7	186.1	186.2	186.1	*185.7*	186.1	186.2	186.1	185.7	186.1	186.2
34.5°	184.1	184.6	184.7	184.7	*184.3*	184.7	184.7	184.6	184.1	184.6	184.7
35°	182.6	183.0	183.2	183.1	*182.7*	183.1	183.2	183.0	182.6	183.0	183.2
35.5°	181.1	181.5	181.7	181.6	*181.2*	181.6	181.7	181.5	181.1	181.5	181.7
36°	179.5	180.0	180.1	180.0	*179.6*	180.0	180.1	180.0	179.5	180.0	180.1
36.5°	178.0	178.4	178.5	178.5	*178.1*	178.5	178.5	178.4	178.0	178.4	178.5
37°	176.5	176.8	176.9	176.9	*176.5*	176.9	176.9	176.8	176.5	176.8	176.9
37.5°	174.9	175.3	175.4	175.3	*175.0*	175.3	175.4	175.3	174.9	175.3	175.4
38°	173.2	173.6	173.8	173.8	*173.3*	173.8	173.8	173.6	173.2	173.6	173.8
38.5°	171.6	172.1	172.2	172.1	*171.7*	172.1	172.2	172.1	171.6	172.1	172.2
39°	170.0	170.5	170.6	170.5	*170.1*	170.5	170.6	170.5	170.0	170.5	170.6
39.5°	168.4	168.8	169.0	168.9	*168.5*	168.9	169.0	168.8	168.4	168.8	169.0
40°	166.7	167.2	167.3	167.2	*166.9*	167.2	167.3	167.2	166.7	167.2	167.3
40.5°	165.1	165.6	165.7	165.6	*165.3*	165.6	165.7	165.6	165.1	165.6	165.7
41°	163.5	163.9	164.0	163.9	*163.6*	163.9	164.0	163.9	163.5	163.9	164.0
41.5°	161.8	162.3	162.3	162.3	*161.9*	162.3	162.3	162.3	161.8	162.3	162.3
42°	160.1	160.6	160.7	160.6	*160.2*	160.6	160.7	160.6	160.1	160.6	160.7
42.5°	158.4	158.9	159.0	158.9	*158.6*	158.9	159.0	158.9	158.4	158.9	159.0
43°	156.7	157.3	157.3	157.2	*156.9*	157.2	157.3	157.3	156.7	157.3	157.3
43.5°	155.0	155.6	155.6	155.5	*155.2*	155.5	155.6	155.6	155.0	155.6	155.6
44°	153.3	153.9	153.9	153.8	*153.5*	153.8	153.9	153.9	153.3	153.9	153.9
44.5°	151.7	152.2	152.2	152.2	*151.9*	152.2	152.2	152.2	151.7	152.2	152.2

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	149.9	150.5	150.5	150.5	150.1	150.5	150.5	150.5	149.9	150.5	150.5
45.5°	148.2	148.7	148.8	148.7	148.4	148.7	148.8	148.7	148.2	148.7	148.8
46°	146.5	147.0	147.1	147.0	146.7	147.0	147.1	147.0	146.5	147.0	147.1
46.5°	144.8	145.3	145.3	145.3	145.0	145.3	145.3	145.3	144.8	145.3	145.3
47°	143.1	143.6	143.6	143.5	143.2	143.5	143.6	143.6	143.1	143.6	143.6
47.5°	141.4	141.8	141.9	141.8	141.5	141.8	141.9	141.8	141.4	141.8	141.9
48°	139.6	140.1	140.2	140.1	139.8	140.1	140.2	140.1	139.6	140.1	140.2
48.5°	137.9	138.4	138.4	138.3	138.0	138.3	138.4	138.4	137.9	138.4	138.4
49°	136.2	136.6	136.7	136.6	136.2	136.6	136.7	136.6	136.2	136.6	136.7
49.5°	134.4	134.9	134.9	134.9	134.5	134.9	134.9	134.9	134.4	134.9	134.9
50°	132.7	133.1	133.2	133.1	132.8	133.1	133.2	133.1	132.7	133.1	133.2
50.5°	131.0	131.3	131.4	131.4	131.0	131.4	131.4	131.3	131.0	131.3	131.4
51°	129.3	129.5	129.6	129.6	129.2	129.6	129.6	129.5	129.3	129.5	129.6
51.5°	127.6	127.8	127.8	127.8	127.5	127.8	127.8	127.8	127.6	127.8	127.8
52°	125.8	126.0	126.1	126.1	125.7	126.1	126.1	126.0	125.8	126.0	126.1
52.5°	124.0	124.2	124.3	124.3	123.8	124.3	124.3	124.2	124.0	124.2	124.3
53°	122.3	122.3	122.5	122.6	122.0	122.6	122.5	122.3	122.3	122.3	122.5
53.5°	120.5	120.5	120.7	120.8	120.3	120.8	120.7	120.5	120.5	120.5	120.7
54°	118.7	118.7	118.9	119.0	118.5	119.0	118.9	118.7	118.7	118.7	118.9
54.5°	116.9	116.9	117.1	117.3	116.6	117.3	117.1	116.9	116.9	116.9	117.1
55°	115.1	115.1	115.3	115.5	114.8	115.5	115.3	115.1	115.1	115.1	115.3
55.5°	113.3	113.3	113.5	113.7	113.0	113.7	113.5	113.3	113.3	113.3	113.5
56°	111.5	111.5	111.7	111.9	111.2	111.9	111.7	111.5	111.5	111.5	111.7
56.5°	109.7	109.7	109.9	110.0	109.4	110.0	109.9	109.7	109.7	109.7	109.9
57°	107.8	107.9	108.0	108.2	107.6	108.2	108.0	107.9	107.8	107.9	108.0
57.5°	106.0	106.1	106.2	106.4	105.8	106.4	106.2	106.1	106.0	106.1	106.2
58°	104.2	104.2	104.4	104.6	104.0	104.6	104.4	104.2	104.2	104.2	104.4
58.5°	102.4	102.5	102.6	102.8	102.2	102.8	102.6	102.5	102.4	102.5	102.6
59°	100.6	100.7	100.8	100.9	100.4	100.9	100.8	100.7	100.6	100.7	100.8
59.5°	98.7	98.8	98.9	99.1	98.6	99.1	98.9	98.8	98.7	98.8	98.9
60°	96.9	97.0	97.1	97.2	96.8	97.2	97.1	97.0	96.9	97.0	97.1
60.5°	95.1	95.2	95.3	95.4	95.0	95.4	95.3	95.2	95.1	95.2	95.3
61°	93.2	93.4	93.5	93.5	93.2	93.5	93.5	93.4	93.2	93.4	93.5
61.5°	91.4	91.5	91.6	91.7	91.4	91.7	91.6	91.5	91.4	91.5	91.6
62°	89.5	89.7	89.8	89.9	89.6	89.9	89.8	89.7	89.5	89.7	89.8
62.5°	87.7	87.9	88.0	88.0	87.8	88.0	88.0	87.9	87.7	87.9	88.0
63°	85.8	86.1	86.1	86.2	86.0	86.2	86.1	86.1	85.8	86.1	86.1
63.5°	84.0	84.3	84.2	84.3	84.2	84.3	84.2	84.3	84.0	84.3	84.2
64°	82.1	82.5	82.4	82.5	82.3	82.5	82.4	82.5	82.1	82.5	82.4
64.5°	80.3	80.6	80.5	80.6	80.5	80.6	80.5	80.6	80.3	80.6	80.5
65°	78.4	78.8	78.7	78.8	78.8	78.8	78.7	78.8	78.4	78.8	78.7
65.5°	76.6	77.0	76.9	76.9	77.0	76.9	76.9	77.0	76.6	77.0	76.9
66°	74.7	75.2	75.0	75.0	75.2	75.0	75.0	75.2	74.7	75.2	75.0
66.5°	72.9	73.3	73.2	73.2	73.4	73.2	73.2	73.3	72.9	73.3	73.2
67°	71.0	71.5	71.4	71.4	71.6	71.4	71.4	71.5	71.0	71.5	71.4

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

Scaled Data Report

TEST NUMBER: P1596609
CATALOG NUMBER: HLB2SLSFS5-MED-3000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	69.2	69.7	69.6	69.6	69.8	69.6	69.6	69.7	69.2	69.7	69.6
68°	67.4	67.9	67.8	67.7	68.0	67.7	67.8	67.9	67.4	67.9	67.8
68.5°	65.5	66.1	66.0	65.9	66.2	65.9	66.0	66.1	65.5	66.1	66.0
69°	63.7	64.3	64.2	64.1	64.4	64.1	64.2	64.3	63.7	64.3	64.2
69.5°	61.9	62.5	62.4	62.3	62.6	62.3	62.4	62.5	61.9	62.5	62.4
70°	60.1	60.7	60.6	60.5	60.8	60.5	60.6	60.7	60.1	60.7	60.6
70.5°	58.3	58.9	58.8	58.7	59.1	58.7	58.8	58.9	58.3	58.9	58.8
71°	56.5	57.2	57.1	56.9	57.3	56.9	57.1	57.2	56.5	57.2	57.1
71.5°	54.8	55.4	55.3	55.1	55.5	55.1	55.3	55.4	54.8	55.4	55.3
72°	53.0	53.7	53.6	53.4	53.8	53.4	53.6	53.7	53.0	53.7	53.6
72.5°	51.3	51.9	51.8	51.7	52.1	51.7	51.8	51.9	51.3	51.9	51.8
73°	49.5	50.2	50.1	49.9	50.3	49.9	50.1	50.2	49.5	50.2	50.1
73.5°	47.8	48.5	48.4	48.2	48.6	48.2	48.4	48.5	47.8	48.5	48.4
74°	46.2	46.8	46.7	46.5	46.9	46.5	46.7	46.8	46.2	46.8	46.7
74.5°	44.5	45.1	45.0	44.8	45.2	44.8	45.0	45.1	44.5	45.1	45.0
75°	42.8	43.4	43.3	43.2	43.5	43.2	43.3	43.4	42.8	43.4	43.3
75.5°	41.1	41.7	41.6	41.5	41.8	41.5	41.6	41.7	41.1	41.7	41.6
76°	39.5	40.0	39.9	39.8	40.1	39.8	39.9	40.0	39.5	40.0	39.9
76.5°	37.8	38.3	38.2	38.1	38.4	38.1	38.2	38.3	37.8	38.3	38.2
77°	36.2	36.6	36.6	36.5	36.7	36.5	36.6	36.6	36.2	36.6	36.6
77.5°	34.6	34.9	34.9	34.9	35.0	34.9	34.9	34.9	34.6	34.9	34.9
78°	32.9	33.3	33.3	33.2	33.4	33.2	33.3	33.3	32.9	33.3	33.3
78.5°	31.3	31.6	31.8	31.6	31.8	31.6	31.8	31.6	31.3	31.6	31.8
79°	29.7	30.0	30.1	29.9	30.2	29.9	30.1	30.0	29.7	30.0	30.1
79.5°	28.1	28.3	28.4	28.3	28.5	28.3	28.4	28.3	28.1	28.3	28.4
80°	26.4	26.7	26.8	26.7	26.8	26.7	26.8	26.7	26.4	26.7	26.8
80.5°	24.9	25.1	25.2	25.1	25.2	25.1	25.2	25.1	24.9	25.1	25.2
81°	23.3	23.5	23.6	23.6	23.6	23.6	23.6	23.5	23.3	23.5	23.6
81.5°	21.7	21.8	21.9	22.0	21.9	22.0	21.9	21.8	21.7	21.8	21.9
82°	20.1	20.2	20.4	20.4	20.3	20.4	20.4	20.2	20.1	20.2	20.4
82.5°	18.6	18.7	18.8	18.8	18.8	18.8	18.8	18.7	18.6	18.7	18.8
83°	17.0	17.1	17.3	17.3	17.2	17.3	17.3	17.1	17.0	17.1	17.3
83.5°	15.5	15.5	15.7	15.7	15.7	15.7	15.7	15.5	15.5	15.5	15.7
84°	14.0	14.0	14.2	14.2	14.1	14.2	14.2	14.0	14.0	14.0	14.2
84.5°	12.5	12.5	12.7	12.7	12.7	12.7	12.7	12.5	12.5	12.5	12.7
85°	11.1	11.0	11.1	11.2	11.2	11.2	11.1	11.0	11.1	11.0	11.1
85.5°	9.6	9.5	9.6	9.7	9.7	9.7	9.6	9.5	9.6	9.5	9.6
86°	8.1	8.1	8.2	8.2	8.2	8.2	8.2	8.1	8.1	8.1	8.2
86.5°	6.7	6.6	6.7	6.8	6.7	6.8	6.7	6.6	6.7	6.6	6.7
87°	5.2	5.2	5.2	5.5	5.3	5.5	5.2	5.2	5.2	5.2	5.2
87.5°	3.8	3.7	3.9	4.2	3.9	4.2	3.9	3.7	3.8	3.7	3.9
88°	2.4	2.5	2.7	3.0	2.6	3.0	2.7	2.5	2.4	2.5	2.7
88.5°	1.4	1.6	1.7	2.0	1.8	2.0	1.7	1.6	1.4	1.6	1.7
89°	0.9	0.9	0.9	1.2	1.3	1.2	0.9	0.9	0.9	0.9	0.9
89.5°	0.4	0.4	0.5	0.7	0.9	0.7	0.5	0.4	0.4	0.4	0.5

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report

TEST NUMBER: P1596609
CATALOG NUMBER: HLB2SLSFS5-MED-3000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
90°	0.0	0.2	0.2	0.3	0.5	0.3	0.2	0.2	0.0	0.2	0.2
90.5°	0.0	0.0	0.0	0.1	0.1	0.1	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	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
103°	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
103.5°	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	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: P1596609
CATALOG NUMBER: HLB2SLSFS5-MED-3000K

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: P1596609
CATALOG NUMBER: HLB2SLSFS5-MED-3000K

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	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.1
147°	0.1	0.1	0.2	0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.2
147.5°	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	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	0.2	0.2	0.2	0.2	0.2
152°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
152.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
153°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
153.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
154°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
154.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
155°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
155.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
156°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
156.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
157°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

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

Scaled Data Report

TEST NUMBER: P1596609
CATALOG NUMBER: HLB2SLSFS5-MED-3000K

CANDELA DISTRIBUTION (continued):

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

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

Scaled Data Report

TEST NUMBER: P1596609
CATALOG NUMBER: HLB2SLSFS5-MED-3000K

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

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Peachtree City, GA 30269

Scaled Data Report

TEST NUMBER: P1596609
CATALOG NUMBER: HLB2SLSFS5-MED-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	241.6	241.6	241.6	241.6	241.6	241.6
0.5°	*241.6*	*241.7*	*241.6*	*241.6*	*241.6*	*241.6*
1°	241.6	241.6	241.6	241.5	241.6	241.6
1.5°	241.5	241.5	241.5	241.5	241.5	241.5
2°	241.3	241.4	241.3	241.4	241.4	241.5
2.5°	241.3	241.3	241.3	241.3	241.4	241.4
3°	241.2	241.2	241.2	241.2	241.3	241.3
3.5°	241.0	241.1	241.0	241.0	241.0	241.1
4°	240.8	240.8	240.8	240.8	240.8	240.9
4.5°	240.6	240.6	240.6	240.7	240.7	240.7
5°	240.4	240.5	240.4	240.4	240.5	240.5
5.5°	240.1	240.2	240.1	240.1	240.2	240.2
6°	239.8	239.8	239.8	239.9	239.9	239.9
6.5°	239.5	239.5	239.5	239.6	239.6	239.6
7°	239.2	239.2	239.2	239.3	239.2	239.2
7.5°	238.8	238.8	238.8	238.9	238.9	238.9
8°	238.5	238.4	238.5	238.5	238.5	238.5
8.5°	238.1	238.1	238.1	238.1	238.1	238.0
9°	237.6	237.5	237.6	237.6	237.7	237.5
9.5°	237.1	237.0	237.1	237.1	237.2	237.2
10°	236.6	236.5	236.6	236.7	236.6	236.7
10.5°	236.1	236.1	236.1	236.1	236.2	236.1
11°	235.6	235.5	235.6	235.6	235.7	235.5
11.5°	235.0	235.0	235.0	235.1	235.1	234.9
12°	234.3	234.3	234.3	234.4	234.4	234.4
12.5°	233.8	233.7	233.8	233.8	233.8	233.7
13°	233.2	233.0	233.2	233.2	233.2	233.0
13.5°	232.5	232.4	232.5	232.5	232.5	232.3
14°	231.7	231.6	231.7	231.8	231.8	231.6
14.5°	231.0	230.9	231.0	231.1	231.0	230.9
15°	230.3	230.1	230.3	230.4	230.3	230.2
15.5°	229.5	229.3	229.5	229.6	229.5	229.3
16°	228.7	228.5	228.7	228.7	228.7	228.5
16.5°	227.9	227.7	227.9	228.0	227.9	227.7
17°	227.0	226.9	227.0	227.2	227.0	226.9
17.5°	226.2	226.0	226.2	226.3	226.2	226.0
18°	225.3	225.0	225.3	225.4	225.2	225.1
18.5°	224.4	224.2	224.4	224.5	224.4	224.1
19°	223.5	223.2	223.5	223.6	223.4	223.2
19.5°	222.5	222.2	222.5	222.6	222.4	222.2
20°	221.5	221.3	221.5	221.6	221.4	221.2
20.5°	220.5	220.3	220.5	220.6	220.5	220.3
21°	219.5	219.2	219.5	219.6	219.4	219.2
21.5°	218.4	218.1	218.4	218.5	218.4	218.1
22°	217.3	217.1	217.3	217.4	217.3	217.1

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report

TEST NUMBER: P1596609
CATALOG NUMBER: HLB2SLSFS5-MED-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	216.3	216.0	216.3	216.4	216.2	216.0
23°	215.1	214.8	215.1	215.3	215.1	214.8
23.5°	214.0	213.7	214.0	214.1	214.0	213.7
24°	212.9	212.6	212.9	213.0	212.8	212.5
24.5°	211.7	211.3	211.7	211.8	211.7	211.3
25°	210.6	210.1	210.6	210.6	210.5	210.2
25.5°	209.3	209.0	209.3	209.4	209.2	209.0
26°	208.1	207.7	208.1	208.2	208.0	207.7
26.5°	206.9	206.5	206.9	206.9	206.8	206.5
27°	205.6	205.2	205.6	205.6	205.5	205.2
27.5°	204.3	203.9	204.3	204.4	204.3	203.9
28°	202.9	202.6	202.9	203.1	202.9	202.6
28.5°	201.7	201.3	201.7	201.8	201.6	201.3
29°	200.3	200.0	200.3	200.5	200.2	200.0
29.5°	199.0	198.6	199.0	199.1	198.9	198.6
30°	197.7	197.2	197.7	197.7	197.6	197.2
30.5°	196.2	195.9	196.2	196.4	196.2	195.9
31°	194.8	194.5	194.8	194.9	194.8	194.4
31.5°	193.4	193.1	193.4	193.5	193.4	193.0
32°	192.1	191.6	192.1	192.1	191.9	191.5
32.5°	190.6	190.2	190.6	190.7	190.5	190.1
33°	189.1	188.7	189.1	189.2	189.0	188.7
33.5°	187.6	187.3	187.6	187.7	187.5	187.2
34°	186.1	185.7	186.1	186.2	186.1	185.7
34.5°	184.7	184.3	184.7	184.7	184.6	184.1
35°	183.1	182.7	183.1	183.2	183.0	182.6
35.5°	181.6	181.2	181.6	181.7	181.5	181.1
36°	180.0	179.6	180.0	180.1	180.0	179.5
36.5°	178.5	178.1	178.5	178.5	178.4	178.0
37°	176.9	176.5	176.9	176.9	176.8	176.5
37.5°	175.3	175.0	175.3	175.4	175.3	174.9
38°	173.8	173.3	173.8	173.8	173.6	173.2
38.5°	172.1	171.7	172.1	172.2	172.1	171.6
39°	170.5	170.1	170.5	170.6	170.5	170.0
39.5°	168.9	168.5	168.9	169.0	168.8	168.4
40°	167.2	166.9	167.2	167.3	167.2	166.7
40.5°	165.6	165.3	165.6	165.7	165.6	165.1
41°	163.9	163.6	163.9	164.0	163.9	163.5
41.5°	162.3	161.9	162.3	162.3	162.3	161.8
42°	160.6	160.2	160.6	160.7	160.6	160.1
42.5°	158.9	158.6	158.9	159.0	158.9	158.4
43°	157.2	156.9	157.2	157.3	157.3	156.7
43.5°	155.5	155.2	155.5	155.6	155.6	155.0
44°	153.8	153.5	153.8	153.9	153.9	153.3
44.5°	152.2	151.9	152.2	152.2	152.2	151.7

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

Scaled Data Report

TEST NUMBER: P1596609
CATALOG NUMBER: HLB2SLSFS5-MED-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	150.5	150.1	150.5	150.5	150.5	149.9
45.5°	148.7	148.4	148.7	148.8	148.7	148.2
46°	147.0	146.7	147.0	147.1	147.0	146.5
46.5°	145.3	145.0	145.3	145.3	145.3	144.8
47°	143.5	143.2	143.5	143.6	143.6	143.1
47.5°	141.8	141.5	141.8	141.9	141.8	141.4
48°	140.1	139.8	140.1	140.2	140.1	139.6
48.5°	138.3	138.0	138.3	138.4	138.4	137.9
49°	136.6	136.2	136.6	136.7	136.6	136.2
49.5°	134.9	134.5	134.9	134.9	134.9	134.4
50°	133.1	132.8	133.1	133.2	133.1	132.7
50.5°	131.4	131.0	131.4	131.4	131.3	131.0
51°	129.6	129.2	129.6	129.6	129.5	129.3
51.5°	127.8	127.5	127.8	127.8	127.8	127.6
52°	126.1	125.7	126.1	126.1	126.0	125.8
52.5°	124.3	123.8	124.3	124.3	124.2	124.0
53°	122.6	122.0	122.6	122.5	122.3	122.3
53.5°	120.8	120.3	120.8	120.7	120.5	120.5
54°	119.0	118.5	119.0	118.9	118.7	118.7
54.5°	117.3	116.6	117.3	117.1	116.9	116.9
55°	115.5	114.8	115.5	115.3	115.1	115.1
55.5°	113.7	113.0	113.7	113.5	113.3	113.3
56°	111.9	111.2	111.9	111.7	111.5	111.5
56.5°	110.0	109.4	110.0	109.9	109.7	109.7
57°	108.2	107.6	108.2	108.0	107.9	107.8
57.5°	106.4	105.8	106.4	106.2	106.1	106.0
58°	104.6	104.0	104.6	104.4	104.2	104.2
58.5°	102.8	102.2	102.8	102.6	102.5	102.4
59°	100.9	100.4	100.9	100.8	100.7	100.6
59.5°	99.1	98.6	99.1	98.9	98.8	98.7
60°	97.2	96.8	97.2	97.1	97.0	96.9
60.5°	95.4	95.0	95.4	95.3	95.2	95.1
61°	93.5	93.2	93.5	93.5	93.4	93.2
61.5°	91.7	91.4	91.7	91.6	91.5	91.4
62°	89.9	89.6	89.9	89.8	89.7	89.5
62.5°	88.0	87.8	88.0	88.0	87.9	87.7
63°	86.2	86.0	86.2	86.1	86.1	85.8
63.5°	84.3	84.2	84.3	84.2	84.3	84.0
64°	82.5	82.3	82.5	82.4	82.5	82.1
64.5°	80.6	80.5	80.6	80.5	80.6	80.3
65°	78.8	78.8	78.8	78.7	78.8	78.4
65.5°	76.9	77.0	76.9	76.9	77.0	76.6
66°	75.0	75.2	75.0	75.0	75.2	74.7
66.5°	73.2	73.4	73.2	73.2	73.3	72.9
67°	71.4	71.6	71.4	71.4	71.5	71.0

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

Scaled Data Report

TEST NUMBER: P1596609
CATALOG NUMBER: HLB2SLSFS5-MED-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	69.6	69.8	69.6	69.6	69.7	69.2
68°	67.7	68.0	67.7	67.8	67.9	67.4
68.5°	65.9	66.2	65.9	66.0	66.1	65.5
69°	64.1	64.4	64.1	64.2	64.3	63.7
69.5°	62.3	62.6	62.3	62.4	62.5	61.9
70°	60.5	60.8	60.5	60.6	60.7	60.1
70.5°	58.7	59.1	58.7	58.8	58.9	58.3
71°	56.9	57.3	56.9	57.1	57.2	56.5
71.5°	55.1	55.5	55.1	55.3	55.4	54.8
72°	53.4	53.8	53.4	53.6	53.7	53.0
72.5°	51.7	52.1	51.7	51.8	51.9	51.3
73°	49.9	50.3	49.9	50.1	50.2	49.5
73.5°	48.2	48.6	48.2	48.4	48.5	47.8
74°	46.5	46.9	46.5	46.7	46.8	46.2
74.5°	44.8	45.2	44.8	45.0	45.1	44.5
75°	43.2	43.5	43.2	43.3	43.4	42.8
75.5°	41.5	41.8	41.5	41.6	41.7	41.1
76°	39.8	40.1	39.8	39.9	40.0	39.5
76.5°	38.1	38.4	38.1	38.2	38.3	37.8
77°	36.5	36.7	36.5	36.6	36.6	36.2
77.5°	34.9	35.0	34.9	34.9	34.9	34.6
78°	33.2	33.4	33.2	33.3	33.3	32.9
78.5°	31.6	31.8	31.6	31.8	31.6	31.3
79°	29.9	30.2	29.9	30.1	30.0	29.7
79.5°	28.3	28.5	28.3	28.4	28.3	28.1
80°	26.7	26.8	26.7	26.8	26.7	26.4
80.5°	25.1	25.2	25.1	25.2	25.1	24.9
81°	23.6	23.6	23.6	23.6	23.5	23.3
81.5°	22.0	21.9	22.0	21.9	21.8	21.7
82°	20.4	20.3	20.4	20.4	20.2	20.1
82.5°	18.8	18.8	18.8	18.8	18.7	18.6
83°	17.3	17.2	17.3	17.3	17.1	17.0
83.5°	15.7	15.7	15.7	15.7	15.5	15.5
84°	14.2	14.1	14.2	14.2	14.0	14.0
84.5°	12.7	12.7	12.7	12.7	12.5	12.5
85°	11.2	11.2	11.2	11.1	11.0	11.1
85.5°	9.7	9.7	9.7	9.6	9.5	9.6
86°	8.2	8.2	8.2	8.2	8.1	8.1
86.5°	6.8	6.7	6.8	6.7	6.6	6.7
87°	5.5	5.3	5.5	5.2	5.2	5.2
87.5°	4.2	3.9	4.2	3.9	3.7	3.8
88°	3.0	2.6	3.0	2.7	2.5	2.4
88.5°	2.0	1.8	2.0	1.7	1.6	1.4
89°	1.2	1.3	1.2	0.9	0.9	0.9
89.5°	0.7	0.9	0.7	0.5	0.4	0.4

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

Scaled Data Report

TEST NUMBER: P1596609
CATALOG NUMBER: HLB2SLSFS5-MED-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
90°	0.3	0.5	0.3	0.2	0.2	0.0
90.5°	0.1	0.1	0.1	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°	0.1	0.1	0.1	0.0	0.0	0.0
103°	0.1	0.1	0.1	0.0	0.0	0.0
103.5°	0.1	0.1	0.1	0.1	0.0	0.0
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: P1596609
CATALOG NUMBER: HLB2SLSFS5-MED-3000K

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: P1596609
CATALOG NUMBER: HLB2SLSFS5-MED-3000K

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°	0.2	0.1	0.2	0.1	0.1	0.1
147°	0.2	0.1	0.2	0.2	0.1	0.1
147.5°	0.2	0.2	0.2	0.2	0.1	0.1
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°	0.2	0.2	0.2	0.2	0.2	0.2
149.5°	0.2	0.2	0.2	0.2	0.2	0.2
150°	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
151°	0.2	0.2	0.2	0.2	0.2	0.2
151.5°	0.2	0.2	0.2	0.2	0.2	0.2
152°	0.2	0.2	0.2	0.2	0.2	0.2
152.5°	0.2	0.2	0.2	0.2	0.2	0.2
153°	0.2	0.2	0.2	0.2	0.2	0.2
153.5°	0.2	0.2	0.2	0.2	0.2	0.2
154°	0.2	0.2	0.2	0.2	0.2	0.2
154.5°	0.2	0.2	0.2	0.2	0.2	0.2
155°	0.2	0.2	0.2	0.2	0.2	0.2
155.5°	0.2	0.2	0.2	0.2	0.2	0.2
156°	0.2	0.2	0.2	0.2	0.2	0.2
156.5°	0.2	0.2	0.2	0.2	0.2	0.2
157°	0.2	0.2	0.2	0.2	0.2	0.2

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

Scaled Data Report

TEST NUMBER: P1596609
CATALOG NUMBER: HLB2SLSFS5-MED-3000K

CANDELA DISTRIBUTION (continued):

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

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

TEST NUMBER: P1596609
CATALOG NUMBER: HLB2SLSFS5-MED-3000K

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: P1596609
CATALOG NUMBER: HLB2SLSFS5-MED-3000K

CIE UGR TABLE:

Reflectances:											
	Ceiling	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
	Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
	Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	31.46	33.08	31.82	33.40	33.72	31.47	33.10	31.84	33.42	33.73
	3H	33.26	34.73	33.64	35.06	35.42	33.28	34.75	33.66	35.08	35.44
	4H	33.95	35.34	34.35	35.69	36.06	33.97	35.36	34.37	35.71	36.09
	6H	34.48	35.76	34.89	36.13	36.52	34.51	35.79	34.92	36.16	36.55
	8H	34.65	35.88	35.07	36.27	36.67	34.68	35.91	35.11	36.30	36.70
	12H	34.72	35.90	35.15	36.28	36.71	34.76	35.93	35.19	36.32	36.75
4H	2H	32.09	33.48	32.49	33.83	34.20	32.10	33.49	32.50	33.84	34.22
	3H	34.12	35.28	34.53	35.68	36.08	34.13	35.29	34.54	35.69	36.10
	4H	34.95	36.00	35.38	36.42	36.85	34.96	36.01	35.39	36.43	36.87
	6H	35.61	36.53	36.06	36.97	37.43	35.63	36.55	36.08	36.99	37.45
	8H	35.83	36.69	36.29	37.14	37.60	35.85	36.72	36.31	37.16	37.63
	12H	35.96	36.73	36.44	37.21	37.68	35.98	36.76	36.47	37.24	37.71
8H	4H	35.28	36.14	35.74	36.58	37.05	35.29	36.15	35.75	36.60	37.06
	6H	36.07	36.79	36.56	37.27	37.75	36.08	36.80	36.58	37.29	37.77
	8H	36.37	37.01	36.88	37.52	38.00	36.39	37.03	36.90	37.54	38.03
	12H	36.57	37.14	37.08	37.63	38.20	36.60	37.17	37.10	37.66	38.22
12H	4H	35.32	36.09	35.80	36.57	37.04	35.33	36.10	35.81	36.58	37.05
	6H	36.13	36.78	36.64	37.28	37.77	36.15	36.79	36.66	37.30	37.79
	8H	36.49	37.06	37.00	37.55	38.11	36.51	37.08	37.02	37.57	38.13

END OF REPORT