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: P1596629

Luminaire Tested: HLB3SLSFS5-HI-3000K

Issue Date: 10/7/2026

Report Generated By 670265710 / DESKTOP-98SHLC4

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1596629
	TEST IS SCALED FROM IESNA LM-79-24 TEST DATA (A2600511B001)
Test Lab:	COOPER LIGHTING SOLUTIONS
Issue Date:	10/7/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	HALO
Catalog Number:	HLB3SLSFS5-HI-3000K
Description:	HLB3 3" SQUARE SLIM LOW GLARE CANLESS LED DOWNLIGHT
Light Source:	3000K CCT, 90 CRI LEDS
Ballast/Driver:	-

Summary

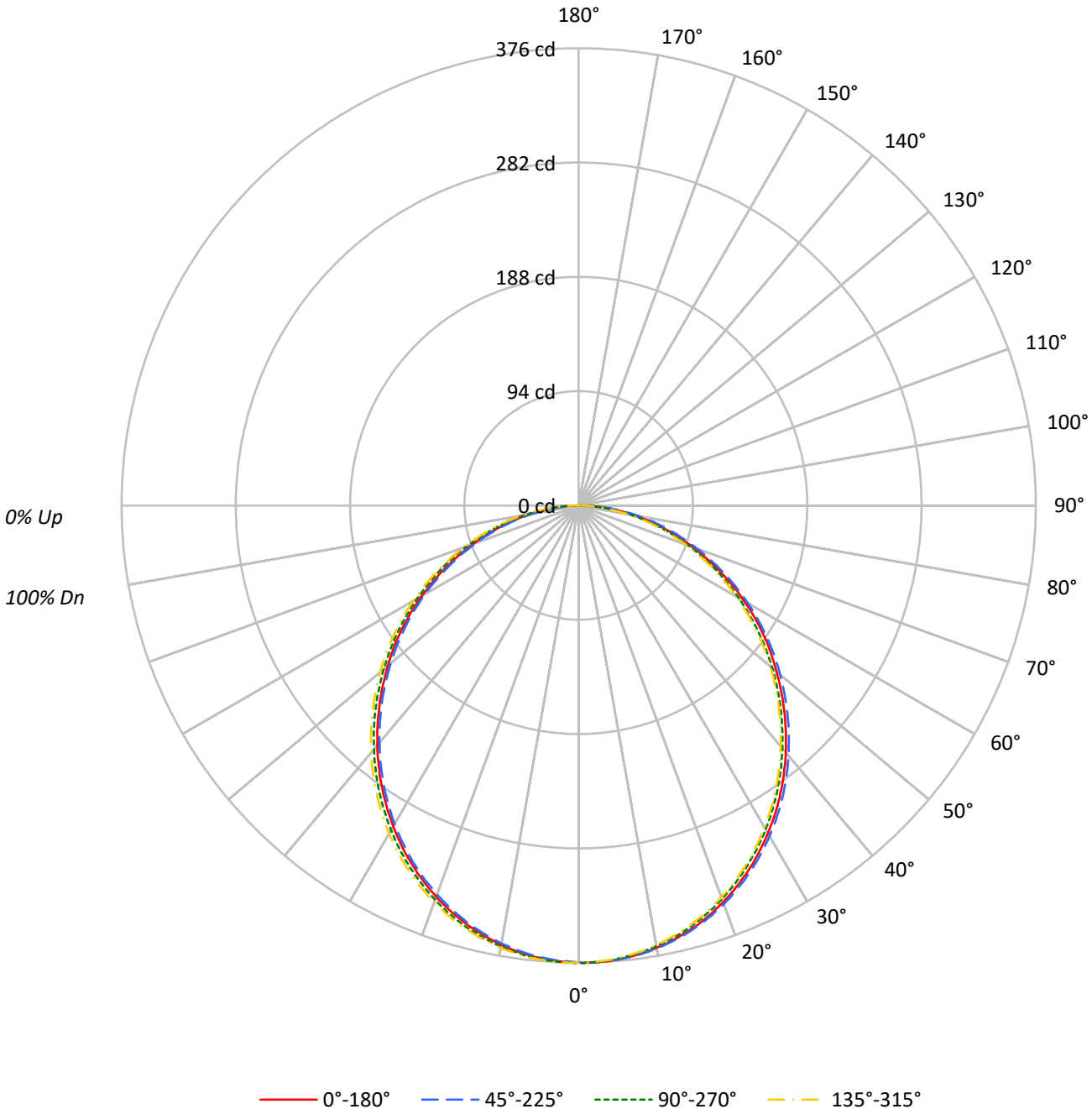
Lumens per Lamp:	N/A
Luminaire Lumens:	1030.0 lumens
Efficiency:	N/A
Efficacy:	101.0 lumens/watt
Spacing Criteria (0/90/45):	1.22 / 1.22 / 1.34
Luminous Opening:	Rectangular (W 0.14' x L: 0.14' x H: 0')
CIE Type:	Direct
Input Watts (W):	10.2
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (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

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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	99	96	106	102	98	94	97	94	91	93	91	88	90	88	86	83
2	99	90	84	78	96	89	82	77	85	80	75	82	77	73	79	75	72	69
3	90	79	71	65	88	78	70	64	75	68	63	72	67	62	69	65	61	59
4	82	70	62	55	80	69	61	54	67	59	54	64	58	53	62	57	52	50
5	76	63	54	47	74	62	53	47	60	52	46	58	51	46	56	50	45	43
6	70	57	48	41	68	56	47	41	54	46	41	52	46	40	51	45	40	38
7	65	51	43	37	63	51	42	36	49	42	36	48	41	36	46	40	36	34
8	61	47	38	33	59	46	38	33	45	38	32	44	37	32	43	36	32	30
9	57	43	35	29	55	43	35	29	41	34	29	40	34	29	39	33	29	27
10	53	40	32	27	52	39	32	27	38	31	26	37	31	26	36	31	26	24

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	208972	208972	208972	208972
5°	209100	208598	208264	208766
10°	208414	207681	207060	207963
15°	207195	205987	205123	206389
20°	205409	203812	202570	204226
25°	202857	200772	199361	201385
30°	199778	197340	195671	198045
35°	196148	193434	191466	194248
40°	192406	189069	186965	189939
45°	187929	184471	182034	185571
50°	183735	179671	177163	180881
55°	180034	174511	172088	175867
60°	174847	168845	165732	170401
65°	168593	163070	158072	164911
70°	161685	155998	149011	158436
75°	154824	147523	139793	151174
80°	147547	136345	127383	141786
85°	139014	114783	103942	126899

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 22.5°
Vertical Angle: 89.5°
Luminance: 305703 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	35.5	3.4
10°-20°	101.0	9.8
20°-30°	151.1	14.7
30°-40°	178.8	17.4
40°-50°	181.9	17.7
50°-60°	162.2	15.7
60°-70°	123.5	12.0
70°-80°	73.4	7.1
80°-90°	21.6	2.1
90°-100°	0.2	0.0
100°-110°	0.1	0.0
110°-120°	0.1	0.0
120°-130°	0.1	0.0
130°-140°	0.2	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°	287.6	27.9
0°-40°	466.4	45.3
0°-60°	810.5	78.7
0°-90°	1029.0	99.9
90°-120°	0.4	0.0
90°-150°	0.8	0.1
90°-180°	1.0	0.1
0°-180°	1030.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	376	376	376	376	376	
5°	375	374	373	374	375	36
15°	360	358	356	359	360	102
25°	331	327	325	328	331	152
35°	289	285	282	286	289	181
45°	239	235	232	236	239	185
55°	186	180	178	182	186	166
65°	128	124	120	125	128	127
75°	72	69	65	70	72	76
85°	22	18	16	20	22	23
90°	2	0	0	1	2	2
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°	376.0	376.0	376.0	376.0	376.0	376.0	376.0	376.0	376.0	376.0	376.0
0.5°	376.4	376.0	375.5	375.9	376.4	376.1	376.2	376.3	376.1	375.7	375.4
1°	376.1	376.0	376.0	375.8	376.0	376.0	376.1	376.1	376.0	375.4	375.4
1.5°	376.2	375.9	376.0	375.9	375.8	376.0	375.9	375.9	375.6	375.2	375.0
2°	376.1	375.8	375.7	375.8	375.8	375.6	375.7	375.8	375.4	375.0	375.3
2.5°	376.0	375.8	375.6	375.7	375.6	375.6	375.2	375.6	375.2	374.5	374.5
3°	375.6	375.5	375.5	375.6	375.5	375.2	375.1	375.1	375.0	374.5	374.4
3.5°	375.7	375.8	375.3	375.5	375.0	374.9	374.9	374.7	374.7	373.8	373.9
4°	375.4	375.4	375.6	375.0	375.1	374.5	374.6	374.4	374.3	373.3	373.5
4.5°	375.0	375.2	375.0	375.0	374.5	374.4	374.1	374.1	373.9	373.0	373.0
5°	374.8	375.1	374.9	374.5	373.9	373.6	373.6	373.4	373.3	372.5	372.8
5.5°	374.3	374.8	374.5	374.2	373.6	373.4	373.1	373.2	373.1	371.9	371.9
6°	374.0	374.3	374.2	374.1	373.0	372.9	372.6	372.4	372.6	371.3	371.7
6.5°	373.6	374.0	373.7	373.5	372.7	372.3	372.1	371.8	371.8	370.5	370.9
7°	373.1	373.6	373.4	372.9	371.8	371.8	371.7	371.4	371.2	369.9	370.3
7.5°	372.4	373.0	373.0	372.6	371.7	371.3	370.8	370.6	370.7	369.3	369.7
8°	372.0	372.7	372.4	372.0	370.8	370.5	370.2	370.0	369.9	368.4	368.7
8.5°	371.5	372.2	371.7	371.4	370.3	370.0	369.5	369.4	369.3	367.8	368.1
9°	370.7	371.5	371.4	370.9	369.4	369.0	368.7	368.5	368.6	366.9	367.2
9.5°	370.1	371.1	370.4	370.2	368.9	368.4	367.9	367.8	367.8	366.0	366.5
10°	369.3	370.3	370.0	369.2	368.0	367.5	367.1	366.6	366.9	365.3	365.7
10.5°	368.7	370.0	369.2	368.8	367.1	366.6	366.4	366.1	366.1	364.2	364.7
11°	368.0	368.8	368.6	367.7	366.3	365.8	365.4	365.1	364.9	363.2	363.8
11.5°	367.1	368.2	367.7	367.2	365.6	365.0	364.5	364.2	364.0	362.0	362.6
12°	366.1	367.5	367.0	366.3	364.4	363.8	363.4	363.1	363.1	361.1	361.8
12.5°	365.3	366.5	366.1	365.5	363.7	363.1	362.5	362.1	362.1	360.0	360.5
13°	364.5	365.7	364.9	364.3	362.6	361.8	361.4	361.0	360.9	358.9	359.5
13.5°	363.2	364.8	364.2	363.6	361.6	361.0	360.4	359.9	360.0	357.5	358.3
14°	362.4	363.8	363.5	362.6	360.5	359.8	359.1	358.8	358.8	356.6	357.3
14.5°	361.3	363.0	362.3	361.5	359.4	358.5	358.2	357.9	357.7	355.3	355.9
15°	360.1	361.8	361.3	360.5	358.0	357.4	356.9	356.4	356.5	354.2	355.0
15.5°	359.3	361.0	360.1	359.3	357.0	356.1	355.8	355.3	355.2	352.8	353.4
16°	358.1	359.8	359.0	358.1	355.9	355.1	354.2	354.1	353.8	351.4	351.9
16.5°	356.7	358.7	357.8	357.0	354.5	353.6	353.2	352.5	352.7	350.1	350.8
17°	355.5	357.5	356.8	355.7	353.0	352.3	351.9	351.2	351.3	348.5	349.1
17.5°	354.3	356.2	355.5	354.5	351.8	351.0	350.4	349.8	350.0	347.3	348.1
18°	353.0	355.0	354.5	353.1	350.3	349.7	349.2	348.4	348.5	345.9	346.6
18.5°	351.6	353.9	352.8	351.9	349.0	348.1	347.5	347.0	346.9	344.3	345.1
19°	350.1	352.3	352.0	350.3	347.6	346.5	346.1	345.7	345.4	342.6	343.6
19.5°	348.7	351.2	350.2	349.2	346.0	344.9	344.3	344.0	344.1	341.1	342.1
20°	347.3	349.5	349.0	347.6	344.6	343.6	343.0	342.5	342.5	339.5	340.5
20.5°	345.7	348.0	347.3	346.1	342.9	342.1	341.3	340.9	340.8	337.9	338.8
21°	344.2	346.6	346.2	344.8	341.4	340.3	340.0	339.5	339.2	336.1	337.1
21.5°	342.6	345.0	344.3	343.3	339.7	338.8	338.1	337.8	337.6	334.6	335.4
22°	341.0	343.7	343.0	341.3	338.0	337.0	336.7	335.9	335.8	332.9	334.0

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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°	339.3	342.1	341.2	340.1	336.5	335.5	334.7	334.3	334.2	330.8	332.2
23°	337.8	340.4	339.6	338.3	334.7	333.7	333.2	332.4	332.3	329.3	330.4
23.5°	335.9	338.8	338.2	336.7	333.0	332.0	331.3	330.7	330.8	327.6	328.4
24°	334.2	337.3	336.4	335.0	331.1	330.1	329.6	328.9	328.7	325.5	326.8
24.5°	332.7	335.5	334.6	333.5	329.3	328.4	327.7	326.9	326.9	323.7	324.8
25°	330.8	333.7	333.1	331.4	327.4	326.4	325.8	325.2	325.1	321.8	323.1
25.5°	329.1	331.9	331.5	329.8	325.6	324.7	323.9	323.3	323.1	319.8	321.1
26°	327.3	330.1	329.3	327.8	323.5	322.8	322.1	321.4	321.3	318.0	319.1
26.5°	325.2	328.7	327.8	326.2	321.8	320.7	320.0	319.5	319.4	315.8	317.0
27°	323.4	326.3	325.6	324.1	320.0	318.7	318.3	317.5	317.4	314.0	315.0
27.5°	321.4	324.7	323.9	322.4	317.9	316.9	316.2	315.6	315.3	311.9	313.0
28°	319.5	322.9	322.0	320.3	315.8	314.8	314.3	313.5	313.2	309.6	311.2
28.5°	317.3	320.9	320.0	318.5	313.8	312.7	312.2	311.4	311.2	307.7	308.8
29°	315.4	318.9	318.0	316.4	311.9	310.6	310.1	309.4	309.0	305.7	306.8
29.5°	313.4	317.0	316.2	314.6	309.8	308.7	307.9	307.1	307.0	303.4	304.8
30°	311.3	315.0	314.0	312.3	307.5	306.3	305.9	305.1	304.9	301.2	302.7
30.5°	309.2	312.8	312.0	310.3	305.5	304.3	303.6	302.8	302.6	299.0	300.4
31°	307.1	310.9	309.7	308.1	303.3	302.2	301.6	300.8	300.5	297.0	298.1
31.5°	305.0	308.8	307.9	306.2	301.1	300.0	299.2	298.5	298.1	294.5	295.8
32°	302.8	306.5	305.7	303.8	298.9	297.8	297.1	296.3	296.2	292.3	293.8
32.5°	300.7	304.6	303.4	302.0	296.6	295.5	294.8	294.1	293.9	290.1	291.4
33°	298.5	302.3	301.4	299.5	294.2	293.4	292.5	291.8	291.4	287.8	289.1
33.5°	296.3	300.1	299.3	297.3	292.0	290.9	290.3	289.6	289.3	285.4	286.6
34°	293.9	298.1	296.9	295.0	289.8	288.8	287.9	287.4	287.0	283.2	284.5
34.5°	291.8	295.7	294.7	292.8	287.6	286.4	285.6	284.9	284.6	280.7	282.0
35°	289.1	293.4	292.4	290.4	285.1	283.8	283.3	282.5	282.2	278.4	279.9
35.5°	287.0	291.2	290.2	288.1	282.7	281.6	280.7	280.0	279.8	276.0	277.2
36°	284.8	288.8	287.9	285.9	280.4	279.3	278.5	277.7	277.5	273.4	274.8
36.5°	282.3	286.7	285.5	283.5	278.0	276.9	275.9	275.4	275.2	271.2	272.3
37°	279.9	284.1	283.1	281.2	275.4	274.4	273.6	273.0	272.3	268.6	270.1
37.5°	277.4	281.9	280.6	278.5	273.4	272.1	271.1	270.3	270.1	266.2	267.6
38°	274.9	279.5	278.3	276.3	270.7	269.5	268.6	268.0	267.5	263.7	265.0
38.5°	272.6	277.0	276.0	273.9	268.2	267.1	266.2	265.5	265.3	261.2	262.5
39°	270.2	274.6	273.3	271.5	265.7	264.7	263.5	263.1	262.6	258.6	259.9
39.5°	267.7	272.3	271.0	268.9	263.2	262.1	261.2	260.5	260.2	256.0	257.2
40°	265.2	269.8	268.5	266.6	260.6	259.5	258.7	258.0	257.7	253.6	254.8
40.5°	262.6	267.3	266.1	263.8	258.3	257.1	256.0	255.5	254.9	251.0	252.4
41°	259.9	264.6	263.3	261.6	255.4	254.5	253.5	252.9	252.4	248.4	249.6
41.5°	257.4	262.1	261.0	259.0	253.1	251.9	251.0	250.2	250.0	245.8	247.2
42°	254.9	259.4	258.4	256.4	250.5	249.4	248.4	247.7	247.3	243.4	244.6
42.5°	252.4	257.2	256.0	253.7	247.8	246.8	245.9	245.1	244.7	240.6	242.0
43°	249.7	254.4	253.3	251.4	245.1	244.1	243.1	242.7	242.2	238.1	239.3
43.5°	247.1	252.1	250.7	248.6	242.8	241.6	240.6	239.9	239.4	235.4	236.7
44°	244.5	249.5	248.2	246.1	240.0	239.0	237.9	237.4	236.8	232.7	234.0
44.5°	241.9	246.7	245.5	243.3	237.4	236.4	235.4	234.8	234.1	230.1	231.3

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	239.1	244.2	242.9	240.8	234.7	233.6	232.6	232.2	231.6	227.4	228.8
45.5°	236.6	241.6	240.2	238.3	232.1	231.0	230.2	229.6	228.9	224.8	226.1
46°	233.9	238.8	237.7	235.7	229.4	228.4	227.3	226.8	226.2	222.0	223.5
46.5°	231.2	236.2	235.0	233.0	226.9	225.7	224.7	224.3	223.6	219.4	220.6
47°	228.4	233.7	232.3	230.4	224.1	223.1	222.0	221.4	220.8	216.8	218.0
47.5°	225.9	231.0	229.7	227.6	221.2	220.3	219.3	218.7	218.3	214.1	215.3
48°	223.0	228.3	227.1	224.9	218.7	217.7	216.6	216.0	215.5	211.2	212.7
48.5°	220.5	225.7	224.4	222.2	215.9	215.2	214.0	213.3	212.8	208.6	209.9
49°	217.9	223.1	221.8	219.7	213.4	212.3	211.2	210.7	210.1	206.0	207.2
49.5°	215.0	220.3	218.9	216.8	210.7	209.7	208.4	207.9	207.6	203.0	204.4
50°	212.5	217.6	216.3	214.2	207.8	207.0	205.7	205.1	204.9	200.5	201.8
50.5°	209.7	215.0	213.7	211.4	205.1	204.4	202.9	202.4	202.2	197.5	199.2
51°	207.2	212.3	211.1	208.9	202.3	201.5	200.3	199.6	199.5	194.9	196.4
51.5°	204.5	209.6	208.1	206.2	199.6	198.9	197.3	196.8	196.9	192.1	193.5
52°	201.8	206.6	205.7	203.5	196.8	196.0	194.7	194.1	194.1	189.4	190.8
52.5°	199.2	204.2	202.9	200.7	194.2	193.5	192.0	191.2	191.4	186.6	188.1
53°	196.6	201.3	200.1	198.0	191.2	190.5	189.1	188.4	188.7	183.7	185.1
53.5°	193.8	198.5	197.2	195.3	188.4	187.7	186.4	185.6	185.9	180.8	182.6
54°	191.3	195.7	194.6	192.6	185.6	185.0	183.6	182.8	183.1	178.1	179.6
54.5°	188.7	192.9	191.8	190.0	182.9	182.2	180.8	180.0	180.2	175.3	176.9
55°	185.8	190.1	188.9	187.2	180.1	179.5	178.0	177.3	177.6	172.5	174.1
55.5°	183.0	187.3	186.2	184.4	177.3	176.7	175.2	174.4	174.6	169.6	171.3
56°	180.1	184.4	183.3	181.7	174.4	173.8	172.3	171.8	171.8	166.8	168.5
56.5°	177.3	181.7	180.5	179.0	171.7	170.9	169.5	168.7	169.0	164.0	165.6
57°	174.3	178.8	177.7	176.1	168.8	168.1	166.8	166.0	166.1	161.3	162.9
57.5°	171.7	176.1	174.8	173.3	165.9	165.3	164.0	163.3	163.5	158.5	160.1
58°	168.8	173.1	172.0	170.6	163.3	162.4	161.0	160.4	160.3	155.7	157.3
58.5°	165.9	170.4	169.2	167.5	160.4	159.5	158.3	157.5	157.6	152.9	154.4
59°	163.1	167.5	166.4	164.8	157.6	156.7	155.4	154.7	154.8	149.9	151.6
59.5°	160.1	164.7	163.6	162.0	154.7	153.8	152.6	151.9	151.9	147.3	148.7
60°	157.3	161.8	160.7	159.0	151.9	151.0	149.8	149.1	149.1	144.5	145.9
60.5°	154.4	159.2	157.8	156.3	149.2	148.0	147.0	146.2	146.1	141.5	143.0
61°	151.4	156.3	155.1	153.3	146.2	145.2	144.1	143.3	143.1	138.8	140.2
61.5°	148.6	153.4	152.1	150.4	143.6	142.3	141.1	140.5	140.4	135.9	137.4
62°	145.7	150.7	149.3	147.6	140.6	139.4	138.4	137.7	137.4	133.0	134.4
62.5°	142.7	148.0	146.4	144.7	137.9	136.5	135.5	134.8	134.7	130.2	131.6
63°	139.9	145.0	143.6	141.7	135.0	133.6	132.6	132.1	131.6	127.4	128.8
63.5°	136.9	142.2	140.7	139.0	132.3	130.7	129.8	129.1	128.7	124.5	125.9
64°	134.1	139.4	137.7	136.0	129.5	127.9	126.8	126.3	125.9	121.7	123.0
64.5°	131.2	136.5	134.9	133.1	126.8	125.1	124.0	123.5	123.0	118.9	120.2
65°	128.2	133.7	132.0	130.2	124.0	122.2	121.2	120.8	120.2	116.0	117.3
65.5°	125.3	130.7	129.1	127.4	121.2	119.3	118.3	117.8	117.3	113.3	114.4
66°	122.5	127.9	126.2	124.6	118.4	116.5	115.5	115.1	114.4	110.4	111.6
66.5°	119.5	125.1	123.4	121.6	115.6	113.6	112.7	112.2	111.6	107.8	108.9
67°	116.7	122.1	120.5	118.7	112.7	110.8	110.0	109.5	108.8	104.9	106.0

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

Scaled Data Report

TEST NUMBER: P1596629
CATALOG NUMBER: HLB3SLSFS5-HI-3000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	113.8	119.3	117.7	115.9	110.0	108.0	107.1	106.8	105.9	102.2	103.3
68°	110.9	116.6	114.8	113.1	107.1	105.1	104.3	104.0	103.1	99.4	100.5
68.5°	108.1	113.7	112.0	110.2	104.3	102.4	101.6	101.2	100.3	96.7	97.8
69°	105.1	110.9	109.1	107.4	101.5	99.6	98.8	98.5	97.4	94.0	95.0
69.5°	102.3	108.0	106.4	104.4	98.8	96.9	96.1	95.7	94.5	91.2	92.2
70°	99.5	105.3	103.4	101.7	96.0	94.1	93.3	92.9	91.7	88.4	89.4
70.5°	96.6	102.5	100.8	98.9	93.2	91.3	90.6	90.2	89.1	85.7	86.8
71°	93.8	99.7	97.9	96.1	90.4	88.5	87.8	87.5	86.4	82.9	84.0
71.5°	91.0	96.9	95.3	93.3	87.7	85.7	85.0	84.8	83.6	80.4	81.4
72°	88.4	94.2	92.5	90.5	85.0	83.1	82.3	82.1	80.9	77.6	78.7
72.5°	85.5	91.4	89.8	87.7	82.2	80.4	79.6	79.4	78.3	74.9	76.0
73°	82.8	88.7	87.1	85.0	79.5	77.7	76.9	76.7	75.5	72.2	73.4
73.5°	80.1	85.9	84.4	82.3	76.8	75.1	74.3	74.0	72.9	69.6	70.7
74°	77.5	83.2	81.7	79.5	74.1	72.4	71.5	71.3	70.3	66.9	68.1
74.5°	74.8	80.5	79.1	76.8	71.5	69.8	68.9	68.7	67.7	64.3	65.4
75°	72.1	77.9	76.4	74.2	68.7	67.2	66.3	66.0	65.1	61.6	62.8
75.5°	69.4	75.1	73.8	71.5	66.1	64.5	63.6	63.3	62.4	59.0	60.2
76°	66.8	72.4	71.1	68.9	63.4	62.0	61.0	60.6	59.9	56.3	57.5
76.5°	64.2	69.7	68.5	66.2	60.8	59.4	58.3	57.9	57.3	53.8	55.0
77°	61.6	67.0	65.7	63.6	58.1	56.8	55.7	55.3	54.8	51.2	52.4
77.5°	59.0	64.3	63.2	60.9	55.5	54.2	53.2	52.8	52.2	48.6	49.8
78°	56.5	61.7	60.6	58.4	52.8	51.8	50.5	50.1	49.8	46.0	47.2
78.5°	53.9	59.1	58.0	55.8	50.3	49.1	47.9	47.6	47.2	43.5	44.7
79°	51.2	56.4	55.3	53.2	47.7	46.6	45.3	45.0	44.8	41.0	42.2
79.5°	48.7	53.7	52.7	50.7	45.1	44.0	42.9	42.5	42.3	38.5	39.7
80°	46.1	51.2	50.1	48.1	42.6	41.5	40.3	39.9	39.8	36.0	37.2
80.5°	43.7	48.6	47.6	45.6	40.0	39.0	37.8	37.5	37.4	33.5	34.8
81°	41.3	46.0	44.9	43.2	37.5	36.5	35.3	34.9	35.0	31.0	32.3
81.5°	38.8	43.5	42.4	40.7	35.0	34.0	32.9	32.4	32.6	28.6	29.9
82°	36.3	41.0	39.9	38.2	32.4	31.6	30.4	30.0	30.2	26.2	27.5
82.5°	33.9	38.4	37.4	35.7	30.0	29.0	28.0	27.6	27.8	23.8	25.1
83°	31.4	35.9	34.9	33.3	27.6	26.6	25.5	25.1	25.5	21.5	22.7
83.5°	29.0	33.3	32.4	30.8	25.1	24.2	23.2	22.8	23.2	19.2	20.4
84°	26.6	30.8	29.9	28.4	22.7	21.8	20.8	20.5	20.9	16.9	18.1
84.5°	24.2	28.3	27.4	25.9	20.4	19.4	18.5	18.1	18.6	14.6	15.8
85°	21.8	25.9	25.0	23.5	18.0	17.0	16.2	15.8	16.3	12.5	13.5
85.5°	19.5	23.5	22.5	21.1	15.7	14.7	13.9	13.6	14.1	10.3	11.3
86°	17.1	21.0	20.1	18.7	13.4	12.5	11.6	11.4	11.9	8.1	9.1
86.5°	14.8	18.6	17.7	16.3	11.1	10.2	9.4	9.2	9.7	6.0	6.8
87°	12.5	16.3	15.3	14.0	8.8	7.9	7.1	7.0	7.5	3.8	4.6
87.5°	10.2	13.9	12.9	11.7	6.5	5.6	4.8	4.8	5.3	2.0	2.6
88°	8.0	11.6	10.6	9.3	4.3	3.4	2.8	2.8	3.3	0.9	1.2
88.5°	5.7	9.3	8.2	7.0	2.1	1.4	1.2	1.3	1.6	0.2	0.4
89°	3.5	7.0	6.0	4.8	0.5	0.4	0.4	0.5	0.7	0.1	0.1
89.5°	2.7	4.8	3.7	3.6	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report

TEST NUMBER: P1596629
CATALOG NUMBER: HLB3SLSFS5-HI-3000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
90°	1.8	3.6	2.7	2.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1
90.5°	0.9	2.4	1.8	1.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
91°	0.1	1.2	0.9	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
91.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
92°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
92.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
93°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
93.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
94°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
94.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
95°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
95.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
96°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
96.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
97°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
97.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
98°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
98.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
99°	0.1	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: P1596629
CATALOG NUMBER: HLB3SLSFS5-HI-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	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
124°	0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2
124.5°	0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2
125°	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.2
125.5°	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.2
126°	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.2
126.5°	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.1	0.2	0.2	0.2
127°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
127.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
128°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
128.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
129°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
129.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
130°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
130.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
131°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
131.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
132°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
132.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
133°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
133.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
134°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
134.5°	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: P1596629
CATALOG NUMBER: HLB3SLSFS5-HI-3000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
135°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
135.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
136°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
136.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
137°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
137.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
138°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
138.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
139°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
139.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
140°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
140.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
141°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
141.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
142°	0.2	0.2	0.2	0.2	0.2	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	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	0.3
144°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3
144.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3
145°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3
145.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3
146°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3
146.5°	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.3	0.3
147°	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.3	0.3
147.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
148°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
148.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
149°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
149.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
150°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
150.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
151°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
151.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
152°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
152.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
153°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
153.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
154°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
154.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
155°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
155.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
156°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
156.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
157°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3

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

Scaled Data Report

TEST NUMBER: P1596629
CATALOG NUMBER: HLB3SLSFS5-HI-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	0.3	0.3	0.3	0.3	0.3	0.3	0.3
158°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
158.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
159°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
159.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
160°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
160.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
161°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
161.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
162°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
162.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
163°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
163.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
164°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
164.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
165°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
165.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
166°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
166.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
167°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
167.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
168°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
168.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
169°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
169.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
170°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
170.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
171°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
171.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
172°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
172.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
173°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
173.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
174°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
174.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
175°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
175.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
176°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
176.5°	0.3	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
177°	0.3	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
177.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
178°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
178.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
179°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
179.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3

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

Scaled Data Report

TEST NUMBER: P1596629
CATALOG NUMBER: HLB3SLSFS5-HI-3000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
180°	*0.3*	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3

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

Scaled Data Report

TEST NUMBER: P1596629
CATALOG NUMBER: HLB3SLSFS5-HI-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	376.0	376.0	376.0	376.0	376.0	376.0
0.5°	*375.9*	*376.3*	*376.2*	*375.9*	*376.4*	*376.4*
1°	375.5	376.1	376.2	376.3	376.3	376.1
1.5°	375.4	376.2	376.2	376.1	376.4	376.2
2°	375.1	375.9	375.9	376.2	376.2	376.1
2.5°	375.0	375.7	375.9	375.9	376.1	376.0
3°	374.4	375.6	375.4	375.9	376.1	375.6
3.5°	374.4	375.3	375.5	375.5	375.8	375.7
4°	373.8	375.0	374.9	375.4	375.5	375.4
4.5°	373.5	374.7	375.1	374.9	375.3	375.0
5°	373.1	374.2	374.6	375.0	374.8	374.8
5.5°	372.5	373.7	374.2	374.1	374.6	374.3
6°	371.8	373.5	373.9	374.3	374.1	374.0
6.5°	371.3	372.9	373.4	373.6	373.9	373.6
7°	370.6	372.4	372.7	373.3	372.9	373.1
7.5°	370.2	371.9	372.1	372.6	372.9	372.4
8°	369.3	371.0	371.8	371.9	372.1	372.0
8.5°	368.6	370.6	370.9	371.4	371.8	371.5
9°	367.9	369.6	370.2	370.8	370.9	370.7
9.5°	366.8	368.9	369.7	370.1	370.6	370.1
10°	366.3	368.5	368.9	369.5	369.6	369.3
10.5°	365.3	367.5	368.0	368.7	369.1	368.7
11°	364.4	366.7	367.3	367.8	368.1	368.0
11.5°	363.2	365.9	366.3	366.8	367.2	367.1
12°	362.4	364.8	365.4	366.2	366.3	366.1
12.5°	361.3	364.2	364.6	365.0	365.6	365.3
13°	360.3	362.8	363.6	364.4	364.6	364.5
13.5°	359.3	361.7	362.7	363.2	363.7	363.2
14°	358.0	360.8	361.6	362.3	362.6	362.4
14.5°	357.1	359.7	360.4	361.2	361.7	361.3
15°	355.7	358.7	359.3	360.3	360.4	360.1
15.5°	354.4	357.3	358.2	359.0	359.3	359.3
16°	353.1	356.1	356.9	357.9	358.1	358.1
16.5°	351.9	355.1	355.8	356.5	357.1	356.7
17°	350.5	353.5	354.7	355.6	355.6	355.5
17.5°	349.1	352.3	353.2	354.0	354.7	354.3
18°	347.3	351.1	351.8	353.1	353.0	353.0
18.5°	346.4	349.3	350.5	351.3	351.9	351.6
19°	344.6	348.1	349.2	350.4	350.2	350.1
19.5°	343.0	346.7	347.5	348.7	349.0	348.7
20°	341.4	345.3	346.2	347.5	347.5	347.3
20.5°	339.8	343.6	344.7	345.7	346.2	345.7
21°	338.2	342.0	343.0	344.4	344.4	344.2
21.5°	336.7	340.4	341.5	342.5	342.9	342.6
22°	334.8	338.7	340.0	341.1	341.3	341.0

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

Scaled Data Report

TEST NUMBER: P1596629
CATALOG NUMBER: HLB3SLSFS5-HI-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	333.4	336.9	338.4	339.5	340.0	339.3
23°	331.2	335.5	336.8	338.0	338.0	337.8
23.5°	329.7	333.6	334.9	336.0	336.5	335.9
24°	327.7	331.9	333.1	334.6	334.7	334.2
24.5°	326.0	330.0	331.6	332.7	333.1	332.7
25°	324.0	328.4	329.5	331.0	331.2	330.8
25.5°	322.3	326.3	327.7	329.1	329.5	329.1
26°	320.0	324.6	326.0	327.4	327.4	327.3
26.5°	318.2	322.6	324.0	325.4	326.0	325.2
27°	316.3	320.8	322.2	323.6	323.7	323.4
27.5°	314.2	318.7	320.1	321.5	321.9	321.4
28°	312.1	316.7	318.0	319.6	320.0	319.5
28.5°	310.2	314.6	316.3	317.6	317.9	317.3
29°	308.0	312.7	314.1	315.7	316.1	315.4
29.5°	306.0	310.4	312.2	313.6	314.0	313.4
30°	303.8	308.6	310.1	311.6	311.9	311.3
30.5°	301.6	306.2	308.2	309.5	309.8	309.2
31°	299.4	304.3	305.8	307.4	307.7	307.1
31.5°	297.1	302.1	303.8	305.3	305.6	305.0
32°	295.2	299.6	301.8	303.0	303.3	302.8
32.5°	292.7	297.6	299.4	300.9	301.3	300.7
33°	290.5	295.5	297.2	298.6	298.9	298.5
33.5°	288.1	293.1	294.9	296.4	296.8	296.3
34°	285.7	290.9	292.7	294.1	294.6	293.9
34.5°	283.5	288.6	290.4	291.9	292.1	291.8
35°	281.0	286.3	288.2	289.6	290.1	289.1
35.5°	278.8	283.9	285.7	287.2	287.6	287.0
36°	276.3	281.6	283.4	284.9	285.3	284.8
36.5°	273.9	279.1	281.0	282.6	282.9	282.3
37°	271.5	277.0	278.5	280.3	280.5	279.9
37.5°	269.1	274.3	276.2	277.7	278.2	277.4
38°	266.7	271.9	273.7	275.4	275.7	274.9
38.5°	263.9	269.4	271.3	272.9	273.4	272.6
39°	261.5	267.1	268.8	270.4	270.7	270.2
39.5°	259.0	264.5	266.5	268.0	268.4	267.7
40°	256.5	261.8	263.8	265.4	265.9	265.2
40.5°	253.9	259.3	261.2	262.7	263.4	262.6
41°	251.4	256.9	258.8	260.5	260.9	259.9
41.5°	248.8	254.2	256.2	257.7	258.5	257.4
42°	246.1	251.9	253.6	255.3	255.7	254.9
42.5°	243.6	249.1	251.1	252.7	253.2	252.4
43°	240.9	246.6	248.4	250.1	250.5	249.7
43.5°	238.3	243.9	245.9	247.5	248.1	247.1
44°	235.7	241.4	243.3	244.9	245.3	244.5
44.5°	233.0	238.7	240.6	242.4	242.7	241.9

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

Scaled Data Report

TEST NUMBER: P1596629
CATALOG NUMBER: HLB3SLSFS5-HI-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	230.4	236.1	238.2	239.5	240.1	239.1
45.5°	227.7	233.3	235.6	237.0	237.7	236.6
46°	224.9	230.8	232.7	234.6	234.9	233.9
46.5°	222.4	228.1	230.1	231.6	232.5	231.2
47°	219.7	225.5	227.4	229.0	229.6	228.4
47.5°	217.0	222.6	224.7	226.4	226.9	225.9
48°	214.3	220.1	222.1	223.7	224.4	223.0
48.5°	211.6	217.3	219.3	221.0	221.7	220.5
49°	208.9	214.7	216.6	218.4	218.9	217.9
49.5°	206.2	211.9	214.0	215.8	216.4	215.0
50°	203.4	209.2	211.4	213.1	213.6	212.5
50.5°	200.8	206.4	208.5	210.4	210.9	209.7
51°	198.1	203.7	205.9	207.7	208.2	207.2
51.5°	195.1	200.9	203.0	204.9	205.6	204.5
52°	192.6	198.2	200.4	202.2	202.6	201.8
52.5°	189.9	195.5	197.9	199.5	199.9	199.2
53°	187.1	192.6	194.9	196.7	197.2	196.6
53.5°	184.3	189.8	192.3	193.9	194.2	193.8
54°	181.6	187.1	189.6	191.1	191.3	191.3
54.5°	178.7	184.3	186.8	188.4	188.8	188.7
55°	176.0	181.5	184.3	185.5	185.8	185.8
55.5°	173.2	178.6	181.4	182.8	183.0	183.0
56°	170.4	175.9	178.6	179.8	180.1	180.1
56.5°	167.6	173.0	176.0	177.1	177.4	177.3
57°	164.8	170.3	173.1	174.2	174.5	174.3
57.5°	162.0	167.4	170.3	171.5	171.6	171.7
58°	159.2	164.5	167.4	168.6	168.8	168.8
58.5°	156.4	161.8	164.7	165.9	166.0	165.9
59°	153.5	159.1	161.9	162.9	163.1	163.1
59.5°	150.7	156.1	159.1	160.1	160.4	160.1
60°	147.9	153.3	156.2	157.2	157.6	157.3
60.5°	144.9	150.4	153.2	154.4	154.7	154.4
61°	142.2	147.7	150.4	151.4	151.9	151.4
61.5°	139.2	144.9	147.5	148.7	149.2	148.6
62°	136.4	142.0	144.6	145.8	146.3	145.7
62.5°	133.5	139.3	141.8	142.8	143.5	142.7
63°	130.6	136.4	138.9	140.0	140.7	139.9
63.5°	127.7	133.6	135.9	137.2	137.8	136.9
64°	124.9	131.0	133.1	134.2	135.0	134.1
64.5°	121.9	128.2	130.2	131.3	132.1	131.2
65°	119.1	125.4	127.3	128.5	129.3	128.2
65.5°	116.3	122.7	124.4	125.6	126.4	125.3
66°	113.4	119.8	121.5	122.7	123.5	122.5
66.5°	110.6	117.0	118.6	119.9	120.6	119.5
67°	107.8	114.3	115.7	117.1	117.7	116.7

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

Scaled Data Report

TEST NUMBER: P1596629
CATALOG NUMBER: HLB3SLSFS5-HI-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	104.9	111.5	113.0	114.2	115.0	113.8
68°	102.2	108.7	110.0	111.3	112.2	110.9
68.5°	99.4	105.9	107.2	108.6	109.3	108.1
69°	96.6	103.1	104.3	105.6	106.6	105.1
69.5°	93.9	100.3	101.5	102.9	103.8	102.3
70°	91.1	97.5	98.7	100.2	101.0	99.5
70.5°	88.2	94.7	95.9	97.4	98.2	96.6
71°	85.5	92.0	93.0	94.6	95.5	93.8
71.5°	82.8	89.2	90.4	91.8	92.8	91.0
72°	80.1	86.5	87.6	89.1	89.9	88.4
72.5°	77.5	83.8	84.9	86.4	87.2	85.5
73°	74.7	81.1	82.1	83.7	84.5	82.8
73.5°	72.2	78.5	79.4	81.1	81.8	80.1
74°	69.6	75.8	76.7	78.3	79.1	77.5
74.5°	66.9	73.1	74.1	75.8	76.4	74.8
75°	64.3	70.4	71.4	73.1	73.7	72.1
75.5°	61.6	67.8	68.8	70.5	71.1	69.4
76°	59.2	65.1	66.2	67.9	68.4	66.8
76.5°	56.6	62.5	63.5	65.2	65.6	64.2
77°	54.0	59.8	61.0	62.6	63.0	61.6
77.5°	51.5	57.3	58.4	60.0	60.4	59.0
78°	49.0	54.7	55.8	57.4	57.7	56.5
78.5°	46.4	52.1	53.3	54.8	55.1	53.9
79°	43.9	49.5	50.7	52.2	52.5	51.2
79.5°	41.4	46.9	48.2	49.6	49.9	48.7
80°	39.1	44.3	45.6	47.0	47.3	46.1
80.5°	36.4	41.8	43.3	44.5	44.8	43.7
81°	34.0	39.3	40.8	42.6	42.5	41.3
81.5°	31.5	36.8	38.3	39.9	39.9	38.8
82°	29.2	34.4	35.8	37.3	37.3	36.3
82.5°	26.7	31.9	33.4	34.6	34.6	33.9
83°	24.3	29.4	30.9	31.9	32.0	31.4
83.5°	21.9	27.0	28.5	29.5	29.5	29.0
84°	19.6	24.6	26.1	27.1	27.1	26.6
84.5°	17.3	22.3	23.7	24.7	24.6	24.2
85°	15.0	19.9	21.4	22.2	22.2	21.8
85.5°	12.7	17.5	19.0	19.9	19.8	19.5
86°	10.5	15.2	16.6	17.5	17.4	17.1
86.5°	8.2	13.0	14.4	15.1	15.1	14.8
87°	6.0	10.8	12.1	12.8	12.8	12.5
87.5°	3.7	8.5	9.8	10.5	10.5	10.2
88°	1.8	6.3	7.5	8.2	8.2	8.0
88.5°	0.6	4.1	5.3	5.9	6.0	5.7
89°	0.1	3.1	4.2	3.7	3.9	3.5
89.5°	0.1	2.1	3.2	2.8	2.9	2.7

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

Scaled Data Report

TEST NUMBER: P1596629
CATALOG NUMBER: HLB3SLSFS5-HI-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
90°	0.1	1.1	2.1	1.9	2.0	1.8
90.5°	0.1	0.1	1.1	1.0	1.0	0.9
91°	0.1	0.1	0.1	0.1	0.1	0.1
91.5°	0.1	0.1	0.1	0.1	0.1	0.1
92°	0.1	0.1	0.1	0.1	0.1	0.1
92.5°	0.1	0.1	0.1	0.1	0.1	0.1
93°	0.1	0.1	0.1	0.1	0.1	0.1
93.5°	0.1	0.1	0.1	0.1	0.1	0.1
94°	0.1	0.1	0.1	0.1	0.1	0.1
94.5°	0.1	0.1	0.1	0.1	0.1	0.1
95°	0.1	0.1	0.1	0.1	0.1	0.1
95.5°	0.1	0.1	0.1	0.1	0.1	0.1
96°	0.1	0.1	0.1	0.1	0.1	0.1
96.5°	0.1	0.1	0.1	0.1	0.1	0.1
97°	0.1	0.1	0.1	0.1	0.1	0.1
97.5°	0.1	0.1	0.1	0.1	0.1	0.1
98°	0.1	0.1	0.1	0.1	0.1	0.1
98.5°	0.1	0.1	0.1	0.1	0.1	0.1
99°	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
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
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Peachtree City, GA 30269

Scaled Data Report

TEST NUMBER: P1596629
CATALOG NUMBER: HLB3SLSFS5-HI-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	0.2	0.1	0.1	0.1
123°	0.2	0.1	0.2	0.1	0.1	0.1
123.5°	0.2	0.2	0.2	0.2	0.1	0.1
124°	0.2	0.2	0.2	0.2	0.2	0.2
124.5°	0.2	0.2	0.2	0.2	0.2	0.2
125°	0.2	0.2	0.2	0.2	0.2	0.2
125.5°	0.2	0.2	0.2	0.2	0.2	0.2
126°	0.2	0.2	0.2	0.2	0.2	0.2
126.5°	0.2	0.2	0.2	0.2	0.2	0.2
127°	0.2	0.2	0.2	0.2	0.2	0.2
127.5°	0.2	0.2	0.2	0.2	0.2	0.2
128°	0.2	0.2	0.2	0.2	0.2	0.2
128.5°	0.2	0.2	0.2	0.2	0.2	0.2
129°	0.2	0.2	0.2	0.2	0.2	0.2
129.5°	0.2	0.2	0.2	0.2	0.2	0.2
130°	0.2	0.2	0.2	0.2	0.2	0.2
130.5°	0.2	0.2	0.2	0.2	0.2	0.2
131°	0.2	0.2	0.2	0.2	0.2	0.2
131.5°	0.2	0.2	0.2	0.2	0.2	0.2
132°	0.2	0.2	0.2	0.2	0.2	0.2
132.5°	0.2	0.2	0.2	0.2	0.2	0.2
133°	0.2	0.2	0.2	0.2	0.2	0.2
133.5°	0.2	0.2	0.2	0.2	0.2	0.2
134°	0.2	0.2	0.2	0.2	0.2	0.2
134.5°	0.2	0.2	0.2	0.2	0.2	0.2

Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report

TEST NUMBER: P1596629
CATALOG NUMBER: HLB3SLSFS5-HI-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
135°	0.2	0.2	0.2	0.2	0.2	0.2
135.5°	0.2	0.2	0.2	0.2	0.2	0.2
136°	0.2	0.2	0.2	0.2	0.2	0.2
136.5°	0.2	0.2	0.2	0.2	0.2	0.2
137°	0.2	0.2	0.2	0.2	0.2	0.2
137.5°	0.2	0.2	0.2	0.2	0.2	0.2
138°	0.2	0.2	0.2	0.2	0.2	0.2
138.5°	0.2	0.2	0.2	0.2	0.2	0.2
139°	0.2	0.2	0.2	0.2	0.2	0.2
139.5°	0.2	0.2	0.2	0.2	0.2	0.2
140°	0.2	0.2	0.2	0.2	0.2	0.2
140.5°	0.2	0.2	0.2	0.2	0.2	0.2
141°	0.2	0.2	0.2	0.2	0.2	0.2
141.5°	0.2	0.2	0.2	0.2	0.2	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°	0.3	0.2	0.2	0.2	0.2	0.2
143.5°	0.3	0.2	0.2	0.2	0.2	0.2
144°	0.3	0.2	0.2	0.2	0.2	0.2
144.5°	0.3	0.2	0.2	0.2	0.2	0.2
145°	0.3	0.2	0.2	0.2	0.2	0.2
145.5°	0.3	0.2	0.2	0.2	0.2	0.2
146°	0.3	0.2	0.2	0.2	0.2	0.2
146.5°	0.3	0.2	0.2	0.2	0.2	0.2
147°	0.3	0.2	0.2	0.2	0.2	0.2
147.5°	0.3	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: P1596629
CATALOG NUMBER: HLB3SLSFS5-HI-3000K

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°	0.3	0.2	0.2	0.2	0.2	0.2
160.5°	0.3	0.2	0.2	0.2	0.2	0.2
161°	0.3	0.2	0.2	0.2	0.2	0.2
161.5°	0.3	0.2	0.2	0.2	0.2	0.2
162°	0.3	0.2	0.2	0.2	0.2	0.2
162.5°	0.3	0.2	0.2	0.2	0.2	0.2
163°	0.3	0.2	0.2	0.2	0.2	0.2
163.5°	0.3	0.2	0.2	0.2	0.2	0.2
164°	0.3	0.2	0.2	0.2	0.2	0.2
164.5°	0.3	0.2	0.2	0.2	0.2	0.2
165°	0.3	0.2	0.2	0.2	0.2	0.2
165.5°	0.3	0.2	0.2	0.2	0.2	0.2
166°	0.3	0.2	0.2	0.2	0.2	0.2
166.5°	0.3	0.2	0.2	0.3	0.2	0.2
167°	0.3	0.2	0.3	0.3	0.2	0.2
167.5°	0.3	0.2	0.3	0.3	0.3	0.2
168°	0.3	0.2	0.3	0.3	0.3	0.2
168.5°	0.3	0.2	0.3	0.3	0.3	0.2
169°	0.3	0.2	0.3	0.3	0.3	0.2
169.5°	0.3	0.2	0.3	0.3	0.3	0.2
170°	0.3	0.2	0.3	0.3	0.3	0.2
170.5°	0.3	0.2	0.3	0.3	0.3	0.2
171°	0.3	0.2	0.3	0.3	0.2	0.2
171.5°	0.3	0.2	0.3	0.3	0.2	0.2
172°	0.3	0.2	0.3	0.3	0.2	0.2
172.5°	0.3	0.2	0.3	0.3	0.2	0.2
173°	0.3	0.2	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	0.3	0.2	0.2	0.2	0.2
174.5°	0.3	0.2	0.2	0.2	0.2	0.2
175°	0.3	0.2	0.2	0.2	0.2	0.2
175.5°	0.3	0.2	0.2	0.2	0.2	0.2
176°	0.3	0.2	0.2	0.2	0.2	0.2
176.5°	0.3	0.3	0.3	0.3	0.3	0.3
177°	0.3	0.3	0.3	0.3	0.3	0.3
177.5°	0.3	0.3	0.3	0.3	0.3	0.3
178°	0.3	0.3	0.3	0.3	0.3	0.3
178.5°	0.3	0.3	0.3	0.3	0.3	0.3
179°	0.3	0.3	0.3	0.3	0.3	0.3
179.5°	0.3	0.3	0.3	0.3	0.3	0.3

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report

TEST NUMBER: P1596629
CATALOG NUMBER: HLB3SLSFS5-HI-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
180°	0.3	0.3	0.3	0.3	0.3	0.3

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TEST NUMBER: P1596629
CATALOG NUMBER: HLB3SLSFS5-HI-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	30.27	31.90	30.63	32.22	32.53	30.07	31.71	30.44	32.02	32.34
	3H	32.13	33.61	32.51	33.94	34.30	31.89	33.37	32.27	33.70	34.06
	4H	32.86	34.25	33.26	34.60	34.98	32.60	33.99	33.00	34.34	34.72
	6H	33.44	34.73	33.85	35.10	35.49	33.14	34.43	33.55	34.80	35.19
	8H	33.65	34.89	34.08	35.28	35.68	33.32	34.56	33.75	34.95	35.35
	12H	33.75	34.94	34.19	35.32	35.75	33.40	34.58	33.83	34.97	35.40
4H	2H	30.92	32.31	31.32	32.66	33.04	30.72	32.12	31.12	32.47	32.85
	3H	33.02	34.19	33.43	34.59	34.99	32.78	33.95	33.19	34.35	34.75
	4H	33.91	34.97	34.34	35.39	35.82	33.63	34.69	34.06	35.10	35.54
	6H	34.65	35.57	35.10	36.01	36.47	34.31	35.24	34.77	35.68	36.14
	8H	34.91	35.78	35.38	36.23	36.69	34.55	35.41	35.01	35.86	36.33
	12H	35.09	35.87	35.57	36.35	36.82	34.69	35.47	35.17	35.94	36.42
8H	4H	34.27	35.14	34.73	35.58	36.05	33.98	34.85	34.44	35.29	35.76
	6H	35.16	35.88	35.65	36.37	36.85	34.81	35.53	35.30	36.02	36.50
	8H	35.53	36.18	36.04	36.68	37.17	35.13	35.78	35.64	36.29	36.78
	12H	35.81	36.39	36.32	36.88	37.44	35.37	35.94	35.87	36.43	36.99
12H	4H	34.32	35.10	34.80	35.57	36.04	34.03	34.81	34.51	35.29	35.76
	6H	35.24	35.89	35.75	36.40	36.89	34.89	35.54	35.40	36.05	36.53
	8H	35.68	36.25	36.19	36.75	37.31	35.28	35.85	35.78	36.34	36.91

END OF REPORT