

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: P1590595

Luminaire Tested: HCDLS510CSD6TRC-LO-4000K

Issue Date: 9/4/2026

Test Information

Test Method: LM-79-2019
Report Number: P1590595
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (A2603928B003)
Test Lab: INNOVATION CENTER
Issue Date: 9/4/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: HALO
Catalog Number: HCDLS510CSD6TRC-LO-4000K
Description: 6" Selectable Round Trim + Specular Clear 500 Lumens 4000K

Light Source:
Ballast/Driver: -

Summary

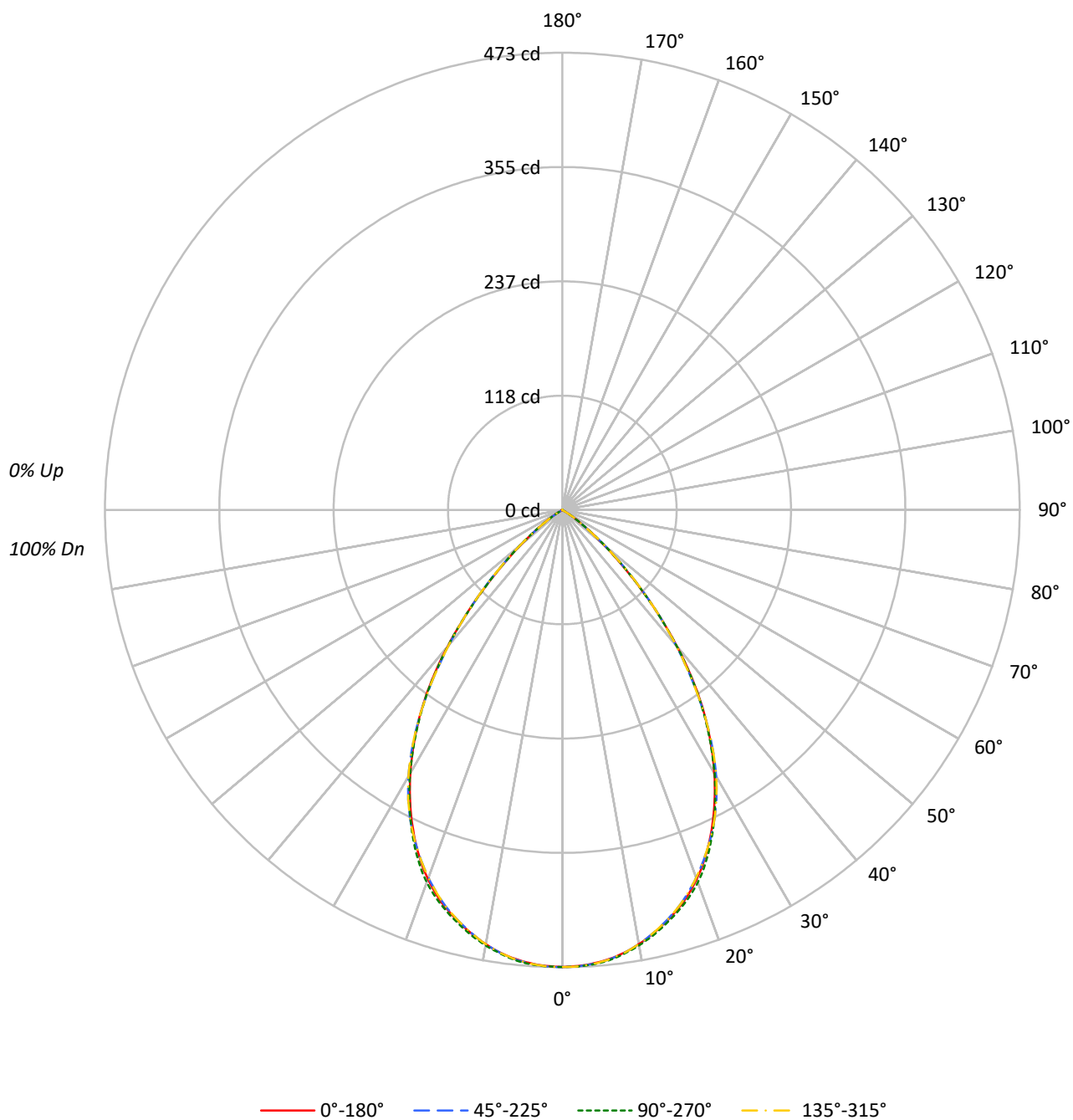
Lumens per Lamp: N/A
Luminaire Lumens: 600.9 lumens
Efficiency: N/A
Efficacy: 100.2 lumens/watt
Spacing Criteria (0/90/45): 1.05 / 1.05 / 1.06
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 6
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor:
Total Harmonic Distortion (THDi):
Frequency (hertz): 60
Stabilization Time: HR
Operation Time: HR
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
RC	80				70					50					30					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	100
1	113	110	107	105	110	108	105	103	104	102	100	100	98	97	96	95	94	94	94	92
2	107	101	97	93	104	99	95	92	96	93	90	93	90	88	90	88	86	86	86	84
3	100	93	88	83	98	92	87	83	89	85	81	87	83	80	84	81	79	79	79	77
4	94	86	80	75	92	85	79	75	83	78	74	80	76	73	79	75	72	72	72	70
5	89	79	73	68	87	78	72	68	77	71	67	75	70	67	73	69	66	66	66	64
6	84	74	67	62	82	73	67	62	71	66	61	70	65	61	68	64	61	61	61	59
7	79	68	62	57	77	68	61	57	66	61	56	65	60	56	64	59	56	56	56	54
8	74	64	57	52	73	63	57	52	62	56	52	61	56	52	60	55	52	52	52	50
9	70	59	53	48	69	59	53	48	58	52	48	57	52	48	56	51	48	48	48	46
10	66	56	49	45	65	55	49	45	54	49	45	54	48	45	53	48	44	44	44	43

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	25919	25919	25919	25919
5°	25792	25853	25792	25853
10°	25389	25456	25389	25456
15°	24699	24813	24699	24813
20°	23709	23919	23709	23919
25°	22084	22247	22084	22247
30°	19889	19933	19889	19933
35°	17059	16972	17059	16972
40°	13218	13210	13218	13210
45°	8761	8784	8761	8784
50°	4750	4861	4750	4861
55°	1940	1931	1940	1931
60°	219	175	219	175
65°	26	26	26	26
70°	16	0	16	0
75°	0	0	0	0
80°	0	0	0	0
85°	0	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 67.5°

Vertical Angle: 45°

Luminance: 8900 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	44.4	7.4
10°-20°	122.3	20.4
20°-30°	167.7	27.9
30°-40°	157.3	26.2
40°-50°	88.5	14.7
50°-60°	20.1	3.3
60°-70°	0.4	0.1
70°-80°	0.0	0.0
80°-90°	0.0	0.0
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	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°	334.3	55.6
0°-40°	491.6	81.8
0°-60°	600.2	99.9
0°-90°	600.6	99.9
90°-120°	0.0	0.0
90°-150°	0.2	0.0
90°-180°	0.0	0.0
0°-180°	600.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	473	473	473	473	473	
5°	469	470	469	470	469	44
15°	435	437	435	437	435	122
25°	365	368	365	368	365	167
35°	255	254	255	254	255	157
45°	113	113	113	113	113	88
55°	20	20	20	20	20	20
65°	0	0	0	0	0	0
75°	0	0	0	0	0	0
85°	0	0	0	0	0	0
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	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°	472.8	472.8	472.8	472.8	472.8	472.8	472.8	472.8	472.8	472.8	472.8
0.5°	472.6	472.7	472.9	472.8	472.7	472.8	472.9	472.7	472.6	472.7	472.9
1°	472.5	472.5	472.8	472.8	472.6	472.8	472.8	472.5	472.5	472.5	472.8
1.5°	472.2	472.3	472.6	472.6	472.5	472.6	472.6	472.3	472.2	472.3	472.6
2°	471.9	472.1	472.4	472.4	472.4	472.4	472.4	472.1	471.9	472.1	472.4
2.5°	471.6	471.7	472.0	472.1	472.1	472.1	472.0	471.7	471.6	471.7	472.0
3°	471.2	471.3	471.6	471.7	471.9	471.7	471.6	471.3	471.2	471.3	471.6
3.5°	470.6	470.8	471.1	471.3	471.5	471.3	471.1	470.8	470.6	470.8	471.1
4°	470.0	470.2	470.5	470.8	471.1	470.8	470.5	470.2	470.0	470.2	470.5
4.5°	469.4	469.6	469.9	470.2	470.5	470.2	469.9	469.6	469.4	469.6	469.9
5°	468.7	468.8	469.1	469.4	469.8	469.4	469.1	468.8	468.7	468.8	469.1
5.5°	467.9	468.0	468.2	468.5	469.0	468.5	468.2	468.0	467.9	468.0	468.2
6°	466.9	467.1	467.3	467.5	468.1	467.5	467.3	467.1	466.9	467.1	467.3
6.5°	465.9	466.2	466.2	466.5	467.1	466.5	466.2	466.2	465.9	466.2	466.2
7°	464.9	465.1	465.0	465.3	465.9	465.3	465.0	465.1	464.9	465.1	465.0
7.5°	463.6	463.9	463.8	464.0	464.6	464.0	463.8	463.9	463.6	463.9	463.8
8°	462.3	462.6	462.5	462.6	463.3	462.6	462.5	462.6	462.3	462.6	462.5
8.5°	460.9	461.3	461.0	461.2	461.9	461.2	461.0	461.3	460.9	461.3	461.0
9°	459.4	459.8	459.5	459.7	460.4	459.7	459.5	459.8	459.4	459.8	459.5
9.5°	457.8	458.2	457.8	458.1	459.0	458.1	457.8	458.2	457.8	458.2	457.8
10°	456.1	456.5	456.0	456.5	457.3	456.5	456.0	456.5	456.1	456.5	456.0
10.5°	454.3	454.6	454.2	454.8	455.6	454.8	454.2	454.6	454.3	454.6	454.2
11°	452.4	452.7	452.3	453.0	453.8	453.0	452.3	452.7	452.4	452.7	452.3
11.5°	450.5	450.7	450.2	451.2	452.0	451.2	450.2	450.7	450.5	450.7	450.2
12°	448.5	448.6	448.2	449.3	450.1	449.3	448.2	448.6	448.5	448.6	448.2
12.5°	446.4	446.4	446.0	447.4	448.0	447.4	446.0	446.4	446.4	446.4	446.0
13°	444.3	444.2	443.8	445.4	446.1	445.4	443.8	444.2	444.3	444.2	443.8
13.5°	442.1	441.8	441.6	443.3	444.0	443.3	441.6	441.8	442.1	441.8	441.6
14°	439.9	439.5	439.3	441.1	441.7	441.1	439.3	439.5	439.9	439.5	439.3
14.5°	437.6	437.0	436.9	438.9	439.5	438.9	436.9	437.0	437.6	437.0	436.9
15°	435.2	434.5	434.4	436.5	437.2	436.5	434.4	434.5	435.2	434.5	434.4
15.5°	432.8	432.0	431.9	434.1	434.9	434.1	431.9	432.0	432.8	432.0	431.9
16°	430.3	429.4	429.4	431.5	432.4	431.5	429.4	429.4	430.3	429.4	429.4
16.5°	427.8	426.6	426.6	428.8	430.0	428.8	426.6	426.6	427.8	426.6	426.6
17°	425.2	423.8	423.8	426.1	427.5	426.1	423.8	423.8	425.2	423.8	423.8
17.5°	422.4	421.0	420.9	423.2	424.9	423.2	420.9	421.0	422.4	421.0	420.9
18°	419.4	418.1	417.9	420.2	422.1	420.2	417.9	418.1	419.4	418.1	417.9
18.5°	416.3	415.0	414.8	417.2	419.3	417.2	414.8	415.0	416.3	415.0	414.8
19°	413.2	411.9	411.5	414.1	416.3	414.1	411.5	411.9	413.2	411.9	411.5
19.5°	409.8	408.6	408.2	410.9	413.3	410.9	408.2	408.6	409.8	408.6	408.2
20°	406.4	405.2	404.8	407.6	410.0	407.6	404.8	405.2	406.4	405.2	404.8
20.5°	402.8	401.8	401.4	404.1	406.4	404.1	401.4	401.8	402.8	401.8	401.4
21°	399.2	398.2	397.7	400.5	402.7	400.5	397.7	398.2	399.2	398.2	397.7
21.5°	395.4	394.4	394.0	396.7	398.8	396.7	394.0	394.4	395.4	394.4	394.0
22°	391.4	390.6	390.3	392.8	394.8	392.8	390.3	390.6	391.4	390.6	390.3

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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°	387.3	386.6	386.5	388.9	390.5	388.9	386.5	386.6	387.3	386.6	386.5
23°	383.0	382.7	382.7	384.8	386.2	384.8	382.7	382.7	383.0	382.7	382.7
23.5°	378.7	378.5	378.8	380.7	381.8	380.7	378.8	378.5	378.7	378.5	378.8
24°	374.2	374.4	374.9	376.5	377.3	376.5	374.9	374.4	374.2	374.4	374.9
24.5°	369.7	370.2	370.8	372.1	372.6	372.1	370.8	370.2	369.7	370.2	370.8
25°	365.1	365.9	366.7	367.7	367.8	367.7	366.7	365.9	365.1	365.9	366.7
25.5°	360.4	361.5	362.5	363.2	362.9	363.2	362.5	361.5	360.4	361.5	362.5
26°	355.6	357.0	358.1	358.5	357.9	358.5	358.1	357.0	355.6	357.0	358.1
26.5°	350.8	352.4	353.6	353.8	352.8	353.8	353.6	352.4	350.8	352.4	353.6
27°	345.8	347.7	349.0	349.0	347.7	349.0	349.0	347.7	345.8	347.7	349.0
27.5°	340.9	342.9	344.3	344.1	342.4	344.1	344.3	342.9	340.9	342.9	344.3
28°	335.8	337.9	339.4	339.0	337.0	339.0	339.4	337.9	335.8	337.9	339.4
28.5°	330.5	332.9	334.3	333.8	331.7	333.8	334.3	332.9	330.5	332.9	334.3
29°	325.2	327.7	329.1	328.4	326.2	328.4	329.1	327.7	325.2	327.7	329.1
29.5°	319.8	322.3	323.8	323.0	320.7	323.0	323.8	322.3	319.8	322.3	323.8
30°	314.2	316.8	318.3	317.3	314.9	317.3	318.3	316.8	314.2	316.8	318.3
30.5°	308.7	311.2	312.5	311.5	309.1	311.5	312.5	311.2	308.7	311.2	312.5
31°	303.0	305.5	306.7	305.5	303.1	305.5	306.7	305.5	303.0	305.5	306.7
31.5°	297.3	299.6	300.7	299.5	297.1	299.5	300.7	299.6	297.3	299.6	300.7
32°	291.4	293.5	294.4	293.4	291.1	293.4	294.4	293.5	291.4	293.5	294.4
32.5°	285.6	287.5	288.1	287.1	284.9	287.1	288.1	287.5	285.6	287.5	288.1
33°	279.6	281.2	281.6	280.8	278.8	280.8	281.6	281.2	279.6	281.2	281.6
33.5°	273.7	274.9	275.1	274.3	272.5	274.3	275.1	274.9	273.7	274.9	275.1
34°	267.4	268.4	268.3	267.8	266.3	267.8	268.3	268.4	267.4	268.4	268.3
34.5°	261.3	261.9	261.5	261.1	260.0	261.1	261.5	261.9	261.3	261.9	261.5
35°	254.9	255.1	254.5	254.4	253.6	254.4	254.5	255.1	254.9	255.1	254.5
35.5°	248.5	248.3	247.5	247.6	247.2	247.6	247.5	248.3	248.5	248.3	247.5
36°	241.7	241.4	240.3	240.7	240.7	240.7	240.3	241.4	241.7	241.4	240.3
36.5°	235.1	234.5	233.2	233.8	234.2	233.8	233.2	234.5	235.1	234.5	233.2
37°	228.2	227.4	225.9	226.9	227.4	226.9	225.9	227.4	228.2	227.4	225.9
37.5°	221.2	220.3	218.6	219.9	220.4	219.9	218.6	220.3	221.2	220.3	218.6
38°	214.1	213.1	211.5	212.8	213.0	212.8	211.5	213.1	214.1	213.1	211.5
38.5°	207.0	206.0	204.3	205.6	205.9	205.6	204.3	206.0	207.0	206.0	204.3
39°	199.7	198.4	197.1	198.5	198.8	198.5	197.1	198.4	199.7	198.4	197.1
39.5°	192.2	191.2	190.1	191.3	191.7	191.3	190.1	191.2	192.2	191.2	190.1
40°	184.7	184.0	183.0	184.1	184.6	184.1	183.0	184.0	184.7	184.0	183.0
40.5°	177.3	176.9	176.0	176.8	177.5	176.8	176.0	176.9	177.3	176.9	176.0
41°	169.9	169.8	168.9	169.6	170.2	169.6	168.9	169.8	169.9	169.8	168.9
41.5°	162.4	162.6	161.7	162.4	162.9	162.4	161.7	162.6	162.4	162.6	161.7
42°	155.1	155.4	154.7	155.3	155.6	155.3	154.7	155.4	155.1	155.4	154.7
42.5°	147.8	148.2	147.9	148.4	148.3	148.4	147.9	148.2	147.8	148.2	147.9
43°	140.7	141.0	141.1	141.5	141.0	141.5	141.1	141.0	140.7	141.0	141.1
43.5°	133.6	134.0	134.3	134.7	133.8	134.7	134.3	134.0	133.6	134.0	134.3
44°	126.7	127.0	127.6	127.9	126.8	127.9	127.6	127.0	126.7	127.0	127.6
44.5°	119.8	120.2	121.1	121.5	120.1	121.5	121.1	120.2	119.8	120.2	121.1

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	113.0	113.6	114.7	114.8	113.3	114.8	114.7	113.6	113.0	113.6	114.7
45.5°	106.4	107.1	108.4	108.3	106.8	108.3	108.4	107.1	106.4	107.1	108.4
46°	99.8	100.8	102.0	102.0	100.5	102.0	102.0	100.8	99.8	100.8	102.0
46.5°	93.5	94.6	95.8	95.8	94.3	95.8	95.8	94.6	93.5	94.6	95.8
47°	87.4	88.5	89.7	89.7	88.4	89.7	89.7	88.5	87.4	88.5	89.7
47.5°	81.5	82.6	83.7	83.9	82.6	83.9	83.7	82.6	81.5	82.6	83.7
48°	75.7	76.9	77.9	78.1	77.0	78.1	77.9	76.9	75.7	76.9	77.9
48.5°	70.3	71.3	72.2	72.6	71.7	72.6	72.2	71.3	70.3	71.3	72.2
49°	65.1	66.0	66.7	67.2	66.5	67.2	66.7	66.0	65.1	66.0	66.7
49.5°	60.3	61.0	61.5	62.1	61.6	62.1	61.5	61.0	60.3	61.0	61.5
50°	55.7	56.2	56.6	57.2	57.0	57.2	56.6	56.2	55.7	56.2	56.6
50.5°	51.1	51.4	51.8	52.5	52.5	52.5	51.8	51.4	51.1	51.4	51.8
51°	46.7	46.8	47.0	47.9	48.1	47.9	47.0	46.8	46.7	46.8	47.0
51.5°	42.8	42.5	42.5	43.5	43.9	43.5	42.5	42.5	42.8	42.5	42.5
52°	38.9	38.6	38.3	39.4	39.7	39.4	38.3	38.6	38.9	38.6	38.3
52.5°	35.4	34.9	34.4	35.5	35.9	35.5	34.4	34.9	35.4	34.9	34.4
53°	32.0	31.4	30.9	32.0	32.4	32.0	30.9	31.4	32.0	31.4	30.9
53.5°	28.8	28.2	27.7	28.7	28.9	28.7	27.7	28.2	28.8	28.2	27.7
54°	25.8	25.2	24.7	25.6	25.8	25.6	24.7	25.2	25.8	25.2	24.7
54.5°	23.0	22.4	22.0	22.7	22.9	22.7	22.0	22.4	23.0	22.4	22.0
55°	20.3	19.9	19.5	20.0	20.2	20.0	19.5	19.9	20.3	19.9	19.5
55.5°	17.8	17.5	17.2	17.5	17.6	17.5	17.2	17.5	17.8	17.5	17.2
56°	15.6	15.4	15.1	15.3	15.3	15.3	15.1	15.4	15.6	15.4	15.1
56.5°	13.5	13.4	13.1	13.2	13.2	13.2	13.1	13.4	13.5	13.4	13.1
57°	11.6	11.5	11.1	11.2	11.3	11.2	11.1	11.5	11.6	11.5	11.1
57.5°	9.6	9.6	9.2	9.2	9.3	9.2	9.2	9.6	9.6	9.6	9.2
58°	7.7	7.7	7.4	7.4	7.4	7.4	7.4	7.7	7.7	7.7	7.4
58.5°	6.0	6.0	5.6	5.6	5.6	5.6	5.6	6.0	6.0	6.0	5.6
59°	4.2	4.3	3.9	3.9	3.9	3.9	3.9	4.3	4.2	4.3	3.9
59.5°	2.9	2.9	2.4	2.5	2.6	2.5	2.4	2.9	2.9	2.9	2.4
60°	2.0	1.9	1.6	1.5	1.6	1.5	1.6	1.9	2.0	1.9	1.6
60.5°	1.2	1.4	1.1	1.0	1.3	1.0	1.1	1.4	1.2	1.4	1.1
61°	1.0	1.1	0.9	0.8	1.1	0.8	0.9	1.1	1.0	1.1	0.9
61.5°	0.8	0.9	0.6	0.6	0.8	0.6	0.6	0.9	0.8	0.9	0.6
62°	0.7	0.7	0.5	0.5	0.6	0.5	0.5	0.7	0.7	0.7	0.5
62.5°	0.5	0.5	0.4	0.4	0.3	0.4	0.4	0.5	0.5	0.5	0.4
63°	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.3
63.5°	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.3
64°	0.3	0.3	0.3	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3
64.5°	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.2
65°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
65.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
66°	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2
66.5°	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1
67°	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1

TEST NUMBER: P1590595

CATALOG NUMBER: HCDLS510CSD6TRC-LO-4000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
68°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
68.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
69°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
69.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
70°	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1
70.5°	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1
71°	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0
71.5°	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
72°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P1590595

CATALOG NUMBER: HCDLS510CSD6TRC-LO-4000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P1590595

CATALOG NUMBER: HCDLS510CSD6TRC-LO-4000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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

TEST NUMBER: P1590595

CATALOG NUMBER: HCDLS510CSD6TRC-LO-4000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
135°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
135.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
136°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
136.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
137°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
137.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
138°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
138.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
139°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
139.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
140°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
140.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
141°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
141.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
142°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
142.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
143°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
143.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
144°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
144.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
145°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
145.5°	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1
146°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
146.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
147°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
147.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
148°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
148.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
149°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
149.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
150°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
150.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
151°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
151.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	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

TEST NUMBER: P1590595

CATALOG NUMBER: HCDLS510CSD6TRC-LO-4000K

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



TEST NUMBER: P1590595
CATALOG NUMBER: HCDLS510CSD6TRC-LO-4000K

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

TEST NUMBER: P1590595

CATALOG NUMBER: HCDLS510CSD6TRC-LO-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	472.8	472.8	472.8	472.8	472.8	472.8
0.5°	472.8	472.7	472.8	472.9	472.7	472.6
1°	472.8	472.6	472.8	472.8	472.5	472.5
1.5°	472.6	472.5	472.6	472.6	472.3	472.2
2°	472.4	472.4	472.4	472.4	472.1	471.9
2.5°	472.1	472.1	472.1	472.0	471.7	471.6
3°	471.7	471.9	471.7	471.6	471.3	471.2
3.5°	471.3	471.5	471.3	471.1	470.8	470.6
4°	470.8	471.1	470.8	470.5	470.2	470.0
4.5°	470.2	470.5	470.2	469.9	469.6	469.4
5°	469.4	469.8	469.4	469.1	468.8	468.7
5.5°	468.5	469.0	468.5	468.2	468.0	467.9
6°	467.5	468.1	467.5	467.3	467.1	466.9
6.5°	466.5	467.1	466.5	466.2	466.2	465.9
7°	465.3	465.9	465.3	465.0	465.1	464.9
7.5°	464.0	464.6	464.0	463.8	463.9	463.6
8°	462.6	463.3	462.6	462.5	462.6	462.3
8.5°	461.2	461.9	461.2	461.0	461.3	460.9
9°	459.7	460.4	459.7	459.5	459.8	459.4
9.5°	458.1	459.0	458.1	457.8	458.2	457.8
10°	456.5	457.3	456.5	456.0	456.5	456.1
10.5°	454.8	455.6	454.8	454.2	454.6	454.3
11°	453.0	453.8	453.0	452.3	452.7	452.4
11.5°	451.2	452.0	451.2	450.2	450.7	450.5
12°	449.3	450.1	449.3	448.2	448.6	448.5
12.5°	447.4	448.0	447.4	446.0	446.4	446.4
13°	445.4	446.1	445.4	443.8	444.2	444.3
13.5°	443.3	444.0	443.3	441.6	441.8	442.1
14°	441.1	441.7	441.1	439.3	439.5	439.9
14.5°	438.9	439.5	438.9	436.9	437.0	437.6
15°	436.5	437.2	436.5	434.4	434.5	435.2
15.5°	434.1	434.9	434.1	431.9	432.0	432.8
16°	431.5	432.4	431.5	429.4	429.4	430.3
16.5°	428.8	430.0	428.8	426.6	426.6	427.8
17°	426.1	427.5	426.1	423.8	423.8	425.2
17.5°	423.2	424.9	423.2	420.9	421.0	422.4
18°	420.2	422.1	420.2	417.9	418.1	419.4
18.5°	417.2	419.3	417.2	414.8	415.0	416.3
19°	414.1	416.3	414.1	411.5	411.9	413.2
19.5°	410.9	413.3	410.9	408.2	408.6	409.8
20°	407.6	410.0	407.6	404.8	405.2	406.4
20.5°	404.1	406.4	404.1	401.4	401.8	402.8
21°	400.5	402.7	400.5	397.7	398.2	399.2
21.5°	396.7	398.8	396.7	394.0	394.4	395.4
22°	392.8	394.8	392.8	390.3	390.6	391.4

TEST NUMBER: P1590595

CATALOG NUMBER: HCDLS510CSD6TRC-LO-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	388.9	390.5	388.9	386.5	386.6	387.3
23°	384.8	386.2	384.8	382.7	382.7	383.0
23.5°	380.7	381.8	380.7	378.8	378.5	378.7
24°	376.5	377.3	376.5	374.9	374.4	374.2
24.5°	372.1	372.6	372.1	370.8	370.2	369.7
25°	367.7	367.8	367.7	366.7	365.9	365.1
25.5°	363.2	362.9	363.2	362.5	361.5	360.4
26°	358.5	357.9	358.5	358.1	357.0	355.6
26.5°	353.8	352.8	353.8	353.6	352.4	350.8
27°	349.0	347.7	349.0	349.0	347.7	345.8
27.5°	344.1	342.4	344.1	344.3	342.9	340.9
28°	339.0	337.0	339.0	339.4	337.9	335.8
28.5°	333.8	331.7	333.8	334.3	332.9	330.5
29°	328.4	326.2	328.4	329.1	327.7	325.2
29.5°	323.0	320.7	323.0	323.8	322.3	319.8
30°	317.3	314.9	317.3	318.3	316.8	314.2
30.5°	311.5	309.1	311.5	312.5	311.2	308.7
31°	305.5	303.1	305.5	306.7	305.5	303.0
31.5°	299.5	297.1	299.5	300.7	299.6	297.3
32°	293.4	291.1	293.4	294.4	293.5	291.4
32.5°	287.1	284.9	287.1	288.1	287.5	285.6
33°	280.8	278.8	280.8	281.6	281.2	279.6
33.5°	274.3	272.5	274.3	275.1	274.9	273.7
34°	267.8	266.3	267.8	268.3	268.4	267.4
34.5°	261.1	260.0	261.1	261.5	261.9	261.3
35°	254.4	253.6	254.4	254.5	255.1	254.9
35.5°	247.6	247.2	247.6	247.5	248.3	248.5
36°	240.7	240.7	240.7	240.3	241.4	241.7
36.5°	233.8	234.2	233.8	233.2	234.5	235.1
37°	226.9	227.4	226.9	225.9	227.4	228.2
37.5°	219.9	220.4	219.9	218.6	220.3	221.2
38°	212.8	213.0	212.8	211.5	213.1	214.1
38.5°	205.6	205.9	205.6	204.3	206.0	207.0
39°	198.5	198.8	198.5	197.1	198.4	199.7
39.5°	191.3	191.7	191.3	190.1	191.2	192.2
40°	184.1	184.6	184.1	183.0	184.0	184.7
40.5°	176.8	177.5	176.8	176.0	176.9	177.3
41°	169.6	170.2	169.6	168.9	169.8	169.9
41.5°	162.4	162.9	162.4	161.7	162.6	162.4
42°	155.3	155.6	155.3	154.7	155.4	155.1
42.5°	148.4	148.3	148.4	147.9	148.2	147.8
43°	141.5	141.0	141.5	141.1	141.0	140.7
43.5°	134.7	133.8	134.7	134.3	134.0	133.6
44°	127.9	126.8	127.9	127.6	127.0	126.7
44.5°	121.5	120.1	121.5	121.1	120.2	119.8

TEST NUMBER: P1590595

CATALOG NUMBER: HCDLS510CSD6TRC-LO-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	114.8	113.3	114.8	114.7	113.6	113.0
45.5°	108.3	106.8	108.3	108.4	107.1	106.4
46°	102.0	100.5	102.0	102.0	100.8	99.8
46.5°	95.8	94.3	95.8	95.8	94.6	93.5
47°	89.7	88.4	89.7	89.7	88.5	87.4
47.5°	83.9	82.6	83.9	83.7	82.6	81.5
48°	78.1	77.0	78.1	77.9	76.9	75.7
48.5°	72.6	71.7	72.6	72.2	71.3	70.3
49°	67.2	66.5	67.2	66.7	66.0	65.1
49.5°	62.1	61.6	62.1	61.5	61.0	60.3
50°	57.2	57.0	57.2	56.6	56.2	55.7
50.5°	52.5	52.5	52.5	51.8	51.4	51.1
51°	47.9	48.1	47.9	47.0	46.8	46.7
51.5°	43.5	43.9	43.5	42.5	42.5	42.8
52°	39.4	39.7	39.4	38.3	38.6	38.9
52.5°	35.5	35.9	35.5	34.4	34.9	35.4
53°	32.0	32.4	32.0	30.9	31.4	32.0
53.5°	28.7	28.9	28.7	27.7	28.2	28.8
54°	25.6	25.8	25.6	24.7	25.2	25.8
54.5°	22.7	22.9	22.7	22.0	22.4	23.0
55°	20.0	20.2	20.0	19.5	19.9	20.3
55.5°	17.5	17.6	17.5	17.2	17.5	17.8
56°	15.3	15.3	15.3	15.1	15.4	15.6
56.5°	13.2	13.2	13.2	13.1	13.4	13.5
57°	11.2	11.3	11.2	11.1	11.5	11.6
57.5°	9.2	9.3	9.2	9.2	9.6	9.6
58°	7.4	7.4	7.4	7.4	7.7	7.7
58.5°	5.6	5.6	5.6	5.6	6.0	6.0
59°	3.9	3.9	3.9	3.9	4.3	4.2
59.5°	2.5	2.6	2.5	2.4	2.9	2.9
60°	1.5	1.6	1.5	1.6	1.9	2.0
60.5°	1.0	1.3	1.0	1.1	1.4	1.2
61°	0.8	1.1	0.8	0.9	1.1	1.0
61.5°	0.6	0.8	0.6	0.6	0.9	0.8
62°	0.5	0.6	0.5	0.5	0.7	0.7
62.5°	0.4	0.3	0.4	0.4	0.5	0.5
63°	0.3	0.3	0.3	0.3	0.4	0.4
63.5°	0.3	0.3	0.3	0.3	0.3	0.4
64°	0.2	0.2	0.2	0.3	0.3	0.3
64.5°	0.2	0.2	0.2	0.2	0.3	0.3
65°	0.2	0.2	0.2	0.2	0.2	0.2
65.5°	0.2	0.2	0.2	0.2	0.2	0.2
66°	0.1	0.1	0.1	0.2	0.2	0.2
66.5°	0.1	0.1	0.1	0.1	0.2	0.2
67°	0.1	0.1	0.1	0.1	0.1	0.2

TEST NUMBER: P1590595

CATALOG NUMBER: HCDLS510CSD6TRC-LO-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	0.1	0.1	0.1	0.1	0.1	0.1
68°	0.1	0.1	0.1	0.1	0.1	0.1
68.5°	0.1	0.1	0.1	0.1	0.1	0.1
69°	0.1	0.1	0.1	0.1	0.1	0.1
69.5°	0.1	0.1	0.1	0.1	0.1	0.1
70°	0.1	0.0	0.1	0.1	0.1	0.1
70.5°	0.0	0.0	0.0	0.1	0.1	0.1
71°	0.0	0.0	0.0	0.0	0.1	0.1
71.5°	0.0	0.0	0.0	0.0	0.0	0.1
72°	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0
73°	0.0	0.0	0.0	0.0	0.0	0.0
73.5°	0.0	0.0	0.0	0.0	0.0	0.0
74°	0.0	0.0	0.0	0.0	0.0	0.0
74.5°	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0
75.5°	0.0	0.0	0.0	0.0	0.0	0.0
76°	0.0	0.0	0.0	0.0	0.0	0.0
76.5°	0.0	0.0	0.0	0.0	0.0	0.0
77°	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0
78°	0.0	0.0	0.0	0.0	0.0	0.0
78.5°	0.0	0.0	0.0	0.0	0.0	0.0
79°	0.0	0.0	0.0	0.0	0.0	0.0
79.5°	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0
80.5°	0.0	0.0	0.0	0.0	0.0	0.0
81°	0.0	0.0	0.0	0.0	0.0	0.0
81.5°	0.0	0.0	0.0	0.0	0.0	0.0
82°	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0
83°	0.0	0.0	0.0	0.0	0.0	0.0
83.5°	0.0	0.0	0.0	0.0	0.0	0.0
84°	0.0	0.0	0.0	0.0	0.0	0.0
84.5°	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0
85.5°	0.0	0.0	0.0	0.0	0.0	0.0
86°	0.0	0.0	0.0	0.0	0.0	0.0
86.5°	0.0	0.0	0.0	0.0	0.0	0.0
87°	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0
88°	0.0	0.0	0.0	0.0	0.0	0.0
88.5°	0.0	0.0	0.0	0.0	0.0	0.0
89°	0.0	0.0	0.0	0.0	0.0	0.0
89.5°	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P1590595

CATALOG NUMBER: HCDLS510CSD6TRC-LO-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
90°	0.0	0.0	0.0	0.0	0.0	0.0
90.5°	0.0	0.0	0.0	0.0	0.0	0.0
91°	0.0	0.0	0.0	0.0	0.0	0.0
91.5°	0.0	0.0	0.0	0.0	0.0	0.0
92°	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0
93°	0.0	0.0	0.0	0.0	0.0	0.0
93.5°	0.0	0.0	0.0	0.0	0.0	0.0
94°	0.0	0.0	0.0	0.0	0.0	0.0
94.5°	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0
95.5°	0.0	0.0	0.0	0.0	0.0	0.0
96°	0.0	0.0	0.0	0.0	0.0	0.0
96.5°	0.0	0.0	0.0	0.0	0.0	0.0
97°	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0
98°	0.0	0.0	0.0	0.0	0.0	0.0
98.5°	0.0	0.0	0.0	0.0	0.0	0.0
99°	0.0	0.0	0.0	0.0	0.0	0.0
99.5°	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0
100.5°	0.0	0.0	0.0	0.0	0.0	0.0
101°	0.0	0.0	0.0	0.0	0.0	0.0
101.5°	0.0	0.0	0.0	0.0	0.0	0.0
102°	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0
103°	0.0	0.0	0.0	0.0	0.0	0.0
103.5°	0.0	0.0	0.0	0.0	0.0	0.0
104°	0.0	0.0	0.0	0.0	0.0	0.0
104.5°	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0
105.5°	0.0	0.0	0.0	0.0	0.0	0.0
106°	0.0	0.0	0.0	0.0	0.0	0.0
106.5°	0.0	0.0	0.0	0.0	0.0	0.0
107°	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0
108°	0.0	0.0	0.0	0.0	0.0	0.0
108.5°	0.0	0.0	0.0	0.0	0.0	0.0
109°	0.0	0.0	0.0	0.0	0.0	0.0
109.5°	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0
110.5°	0.0	0.0	0.0	0.0	0.0	0.0
111°	0.0	0.0	0.0	0.0	0.0	0.0
111.5°	0.0	0.0	0.0	0.0	0.0	0.0
112°	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P1590595

CATALOG NUMBER: HCDLS510CSD6TRC-LO-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0
113°	0.0	0.0	0.0	0.0	0.0	0.0
113.5°	0.0	0.0	0.0	0.0	0.0	0.0
114°	0.0	0.0	0.0	0.0	0.0	0.0
114.5°	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0
115.5°	0.0	0.0	0.0	0.0	0.0	0.0
116°	0.0	0.0	0.0	0.0	0.0	0.0
116.5°	0.0	0.0	0.0	0.0	0.0	0.0
117°	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0
118°	0.0	0.0	0.0	0.0	0.0	0.0
118.5°	0.0	0.0	0.0	0.0	0.0	0.0
119°	0.0	0.0	0.0	0.0	0.0	0.0
119.5°	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0
120.5°	0.0	0.0	0.0	0.0	0.0	0.0
121°	0.0	0.0	0.0	0.0	0.0	0.0
121.5°	0.0	0.0	0.0	0.0	0.0	0.0
122°	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0
123°	0.0	0.0	0.0	0.0	0.0	0.0
123.5°	0.0	0.0	0.0	0.0	0.0	0.0
124°	0.0	0.0	0.0	0.0	0.0	0.0
124.5°	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0
125.5°	0.0	0.0	0.0	0.0	0.0	0.0
126°	0.0	0.0	0.0	0.0	0.0	0.0
126.5°	0.0	0.0	0.0	0.0	0.0	0.0
127°	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0
128°	0.0	0.0	0.0	0.0	0.0	0.0
128.5°	0.0	0.0	0.0	0.0	0.0	0.0
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

TEST NUMBER: P1590595

CATALOG NUMBER: HCDLS510CSD6TRC-LO-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
135°	0.1	0.1	0.1	0.1	0.1	0.1
135.5°	0.1	0.1	0.1	0.1	0.1	0.1
136°	0.1	0.1	0.1	0.1	0.1	0.1
136.5°	0.1	0.1	0.1	0.1	0.1	0.1
137°	0.1	0.1	0.1	0.1	0.1	0.1
137.5°	0.1	0.1	0.1	0.1	0.1	0.1
138°	0.1	0.1	0.1	0.1	0.1	0.1
138.5°	0.1	0.1	0.1	0.1	0.1	0.1
139°	0.1	0.1	0.1	0.1	0.1	0.1
139.5°	0.1	0.1	0.1	0.1	0.1	0.1
140°	0.1	0.1	0.1	0.1	0.1	0.1
140.5°	0.1	0.1	0.1	0.1	0.1	0.1
141°	0.1	0.1	0.1	0.1	0.1	0.1
141.5°	0.1	0.1	0.1	0.1	0.1	0.1
142°	0.1	0.1	0.1	0.1	0.1	0.1
142.5°	0.1	0.1	0.1	0.1	0.1	0.1
143°	0.1	0.1	0.1	0.1	0.1	0.1
143.5°	0.1	0.1	0.1	0.1	0.1	0.1
144°	0.1	0.1	0.1	0.1	0.1	0.1
144.5°	0.1	0.1	0.1	0.1	0.1	0.1
145°	0.1	0.1	0.1	0.1	0.1	0.1
145.5°	0.1	0.1	0.1	0.1	0.1	0.2
146°	0.2	0.2	0.2	0.2	0.2	0.2
146.5°	0.2	0.2	0.2	0.2	0.2	0.2
147°	0.2	0.2	0.2	0.2	0.2	0.2
147.5°	0.2	0.2	0.2	0.2	0.2	0.2
148°	0.2	0.2	0.2	0.2	0.2	0.2
148.5°	0.2	0.2	0.2	0.2	0.2	0.2
149°	0.2	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

TEST NUMBER: P1590595

CATALOG NUMBER: HCDLS510CSD6TRC-LO-4000K

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



TEST NUMBER: P1590595

CATALOG NUMBER: HCDLS510CSD6TRC-LO-4000K

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

TEST NUMBER: P1590595

CATALOG NUMBER: HCDLS510CSD6TRC-LO-4000K

CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room Dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	4.1	5.3	4.5	5.6	5.9	3.9	5.0	4.2	5.3	5.6
	3H	4.0	4.9	4.4	5.3	5.6	3.7	4.7	4.1	5.0	5.4
	4H	3.9	4.8	4.3	5.1	5.5	3.6	4.5	4.0	4.9	5.2
	6H	3.8	4.6	4.2	5.0	5.4	3.5	4.3	3.9	4.7	5.1
	8H	3.7	4.5	4.2	4.9	5.3	3.4	4.2	3.9	4.6	5.0
	12H	3.7	4.4	4.1	4.8	5.2	3.4	4.1	3.8	4.5	5.0
4H	2H	3.9	4.8	4.3	5.1	5.5	3.6	4.5	4.0	4.9	5.2
	3H	3.7	4.4	4.1	4.8	5.2	3.4	4.1	3.8	4.6	5.0
	4H	3.6	4.2	4.0	4.7	5.1	3.3	4.0	3.8	4.4	4.8
	6H	3.5	4.0	4.0	4.5	5.0	3.2	3.8	3.7	4.2	4.7
	8H	3.4	3.9	3.9	4.4	4.9	3.1	3.7	3.6	4.1	4.6
	12H	3.4	3.8	3.9	4.3	4.8	3.1	3.5	3.6	4.0	4.5
8H	4H	3.4	3.9	3.9	4.4	4.9	3.1	3.7	3.6	4.1	4.6
	6H	3.3	3.7	3.8	4.2	4.7	3.0	3.4	3.5	3.9	4.4
	8H	3.2	3.6	3.8	4.1	4.6	2.9	3.3	3.5	3.8	4.3
	12H	3.2	3.5	3.7	4.0	4.6	2.9	3.2	3.4	3.7	4.3
12H	4H	3.4	3.8	3.9	4.3	4.8	3.1	3.5	3.6	4.0	4.5
	6H	3.2	3.6	3.8	4.1	4.6	3.0	3.3	3.5	3.8	4.3
	8H	3.2	3.5	3.7	4.0	4.6	2.9	3.2	3.4	3.7	4.3

(END OF REPORT)