

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: P1590593

Luminaire Tested: HCDLS510CSD6TRC-LO-3000K

Issue Date: 9/4/2026

Test Information

Test Method: LM-79-2019
Report Number: P1590593
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-3000K
Description: 6" Selectable Round Trim + Specular Clear 500 Lumens 3000K

Light Source:
Ballast/Driver: -

Summary

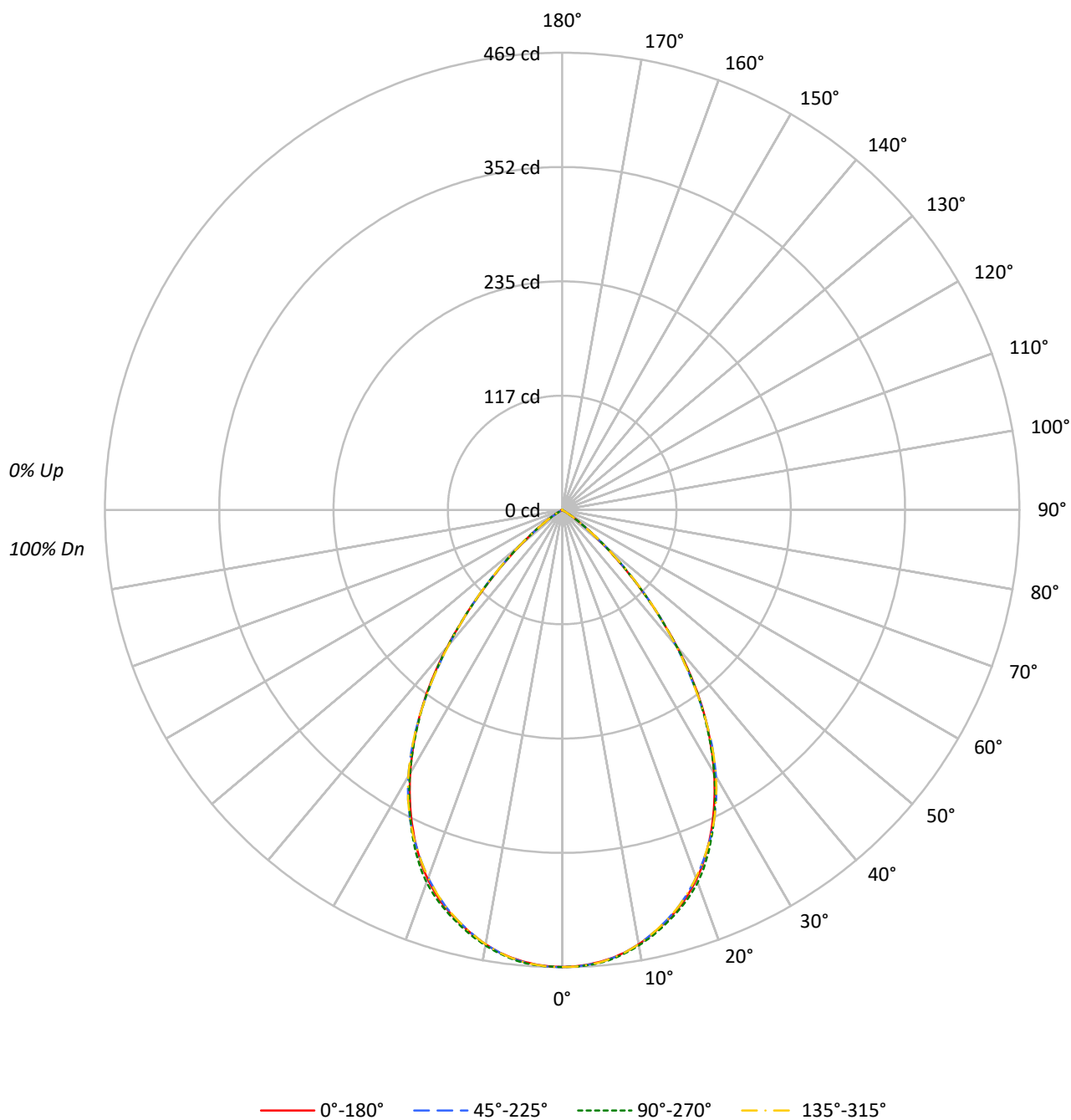
Lumens per Lamp: N/A
Luminaire Lumens: 595.9 lumens
Efficiency: N/A
Efficacy: 99.3 lumens/watt
Spacing Criteria (0/90/45): 1.05 / 1.05 / 1.06
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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			0
RCR																				
0	119	119	119	119	116	116	116	116		111	111	111			106	106	106			100
1	113	110	107	105	110	108	105	103		104	102	100			100	98	97			92
2	107	101	97	93	104	99	95	92		96	93	90			93	90	88			84
3	100	93	88	83	98	92	87	83		89	85	81			87	83	80			77
4	94	86	80	75	92	85	79	75		83	78	74			80	76	73			70
5	89	79	73	68	87	78	72	68		77	71	67			75	70	67			64
6	84	74	67	62	82	73	67	62		71	66	61			70	65	61			59
7	79	68	62	57	77	68	61	57		66	61	56			65	60	56			54
8	74	64	57	52	73	63	57	52		62	56	52			61	56	52			50
9	70	59	53	48	69	59	53	48		58	52	48			57	52	48			46
10	66	56	49	45	65	55	49	45		54	49	45			54	48	45			43

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	25700	25700	25700	25700
5°	25572	25638	25572	25638
10°	25178	25244	25178	25244
15°	24495	24603	24495	24603
20°	23510	23720	23510	23720
25°	21896	22066	21896	22066
30°	19725	19763	19725	19763
35°	16918	16824	16918	16824
40°	13110	13103	13110	13103
45°	8691	8714	8691	8714
50°	4708	4819	4708	4819
55°	1931	1912	1931	1912
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: 45°

Vertical Angle: 45°

Luminance: 8823 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	44.0	7.4
10°-20°	121.3	20.4
20°-30°	166.3	27.9
30°-40°	155.9	26.2
40°-50°	87.7	14.7
50°-60°	20.0	3.4
60°-70°	0.3	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°	331.5	55.6
0°-40°	487.5	81.8
0°-60°	595.2	99.9
0°-90°	595.5	99.9
90°-120°	0.0	0.0
90°-150°	0.2	0.0
90°-180°	0.0	0.0
0°-180°	595.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	469	469	469	469	469	
5°	465	466	465	466	465	44
15°	432	434	432	434	432	121
25°	362	365	362	365	362	166
35°	253	251	253	251	253	156
45°	112	112	112	112	112	87
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°	468.8	468.8	468.8	468.8	468.8	468.8	468.8	468.8	468.8	468.8	468.8
0.5°	468.6	468.7	468.9	468.9	468.7	468.9	468.9	468.7	468.6	468.7	468.9
1°	468.5	468.6	468.8	468.8	468.6	468.8	468.8	468.6	468.5	468.6	468.8
1.5°	468.3	468.4	468.6	468.6	468.5	468.6	468.6	468.4	468.3	468.4	468.6
2°	468.0	468.1	468.4	468.4	468.4	468.4	468.4	468.1	468.0	468.1	468.4
2.5°	467.6	467.8	468.0	468.2	468.2	468.2	468.0	467.8	467.6	467.8	468.0
3°	467.2	467.3	467.6	467.8	467.9	467.8	467.6	467.3	467.2	467.3	467.6
3.5°	466.7	466.8	467.1	467.4	467.5	467.4	467.1	466.8	466.7	466.8	467.1
4°	466.1	466.3	466.6	466.8	467.1	466.8	466.6	466.3	466.1	466.3	466.6
4.5°	465.5	465.6	465.9	466.2	466.5	466.2	465.9	465.6	465.5	465.6	465.9
5°	464.7	464.9	465.2	465.5	465.9	465.5	465.2	464.9	464.7	464.9	465.2
5.5°	463.9	464.1	464.3	464.6	465.1	464.6	464.3	464.1	463.9	464.1	464.3
6°	463.0	463.2	463.3	463.6	464.2	463.6	463.3	463.2	463.0	463.2	463.3
6.5°	462.0	462.3	462.3	462.5	463.1	462.5	462.3	462.3	462.0	462.3	462.3
7°	460.9	461.2	461.1	461.4	462.0	461.4	461.1	461.2	460.9	461.2	461.1
7.5°	459.7	460.0	459.9	460.1	460.7	460.1	459.9	460.0	459.7	460.0	459.9
8°	458.5	458.8	458.6	458.7	459.5	458.7	458.6	458.8	458.5	458.8	458.6
8.5°	457.0	457.4	457.1	457.3	458.1	457.3	457.1	457.4	457.0	457.4	457.1
9°	455.6	455.9	455.6	455.8	456.6	455.8	455.6	455.9	455.6	455.9	455.6
9.5°	453.9	454.3	454.0	454.3	455.1	454.3	454.0	454.3	453.9	454.3	454.0
10°	452.3	452.7	452.2	452.6	453.5	452.6	452.2	452.7	452.3	452.7	452.2
10.5°	450.5	450.8	450.4	451.0	451.8	451.0	450.4	450.8	450.5	450.8	450.4
11°	448.6	448.9	448.5	449.2	450.0	449.2	448.5	448.9	448.6	448.9	448.5
11.5°	446.7	446.9	446.5	447.4	448.2	447.4	446.5	446.9	446.7	446.9	446.5
12°	444.7	444.8	444.4	445.6	446.3	445.6	444.4	444.8	444.7	444.8	444.4
12.5°	442.6	442.6	442.3	443.6	444.3	443.6	442.3	442.6	442.6	442.6	442.3
13°	440.5	440.4	440.1	441.6	442.3	441.6	440.1	440.4	440.5	440.4	440.1
13.5°	438.4	438.1	437.9	439.6	440.2	439.6	437.9	438.1	438.4	438.1	437.9
14°	436.2	435.8	435.6	437.4	438.0	437.4	435.6	435.8	436.2	435.8	435.6
14.5°	433.9	433.3	433.2	435.2	435.8	435.2	433.2	433.3	433.9	433.3	433.2
15°	431.6	430.9	430.8	432.8	433.5	432.8	430.8	430.9	431.6	430.9	430.8
15.5°	429.1	428.3	428.3	430.5	431.2	430.5	428.3	428.3	429.1	428.3	428.3
16°	426.7	425.8	425.8	427.9	428.8	427.9	425.8	425.8	426.7	425.8	425.8
16.5°	424.2	423.0	423.1	425.2	426.4	425.2	423.1	423.0	424.2	423.0	423.1
17°	421.6	420.3	420.2	422.5	423.9	422.5	420.2	420.3	421.6	420.3	420.2
17.5°	418.8	417.5	417.3	419.6	421.3	419.6	417.3	417.5	418.8	417.5	417.3
18°	415.9	414.6	414.4	416.6	418.6	416.6	414.4	414.6	415.9	414.6	414.4
18.5°	412.8	411.5	411.3	413.7	415.7	413.7	411.3	411.5	412.8	411.5	411.3
19°	409.7	408.4	408.1	410.6	412.8	410.6	408.1	408.4	409.7	408.4	408.1
19.5°	406.4	405.2	404.8	407.5	409.8	407.5	404.8	405.2	406.4	405.2	404.8
20°	403.0	401.8	401.4	404.2	406.6	404.2	401.4	401.8	403.0	401.8	401.4
20.5°	399.5	398.4	398.0	400.7	403.0	400.7	398.0	398.4	399.5	398.4	398.0
21°	395.8	394.8	394.4	397.1	399.4	397.1	394.4	394.8	395.8	394.8	394.4
21.5°	392.1	391.1	390.7	393.4	395.5	393.4	390.7	391.1	392.1	391.1	390.7
22°	388.1	387.3	387.0	389.5	391.5	389.5	387.0	387.3	388.1	387.3	387.0

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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°	384.0	383.4	383.3	385.6	387.2	385.6	383.3	383.4	384.0	383.4	383.3
23°	379.8	379.4	379.4	381.6	383.0	381.6	379.4	379.4	379.8	379.4	379.4
23.5°	375.5	375.4	375.6	377.5	378.6	377.5	375.6	375.4	375.5	375.4	375.6
24°	371.1	371.3	371.7	373.3	374.1	373.3	371.7	371.3	371.1	371.3	371.7
24.5°	366.6	367.1	367.7	369.0	369.4	369.0	367.7	367.1	366.6	367.1	367.7
25°	362.0	362.8	363.6	364.6	364.8	364.6	363.6	362.8	362.0	362.8	363.6
25.5°	357.4	358.4	359.4	360.1	359.9	360.1	359.4	358.4	357.4	358.4	359.4
26°	352.6	354.0	355.1	355.5	354.9	355.5	355.1	354.0	352.6	354.0	355.1
26.5°	347.8	349.5	350.6	350.8	349.8	350.8	350.6	349.5	347.8	349.5	350.6
27°	342.9	344.8	346.1	346.1	344.7	346.1	346.1	344.8	342.9	344.8	346.1
27.5°	338.0	340.0	341.4	341.2	339.6	341.2	341.4	340.0	338.0	340.0	341.4
28°	333.0	335.1	336.5	336.1	334.2	336.1	336.5	335.1	333.0	335.1	336.5
28.5°	327.7	330.1	331.5	331.0	328.9	331.0	331.5	330.1	327.7	330.1	331.5
29°	322.5	324.9	326.4	325.7	323.5	325.7	326.4	324.9	322.5	324.9	326.4
29.5°	317.1	319.6	321.1	320.2	318.0	320.2	321.1	319.6	317.1	319.6	321.1
30°	311.6	314.1	315.6	314.6	312.2	314.6	315.6	314.1	311.6	314.1	315.6
30.5°	306.1	308.6	309.9	308.9	306.5	308.9	309.9	308.6	306.1	308.6	309.9
31°	300.5	302.9	304.1	303.0	300.5	303.0	304.1	302.9	300.5	302.9	304.1
31.5°	294.8	297.1	298.1	297.0	294.6	297.0	298.1	297.1	294.8	297.1	298.1
32°	289.0	291.1	291.9	290.9	288.6	290.9	291.9	291.1	289.0	291.1	291.9
32.5°	283.2	285.1	285.7	284.7	282.5	284.7	285.7	285.1	283.2	285.1	285.7
33°	277.2	278.8	279.2	278.4	276.4	278.4	279.2	278.8	277.2	278.8	279.2
33.5°	271.4	272.6	272.8	272.0	270.2	272.0	272.8	272.6	271.4	272.6	272.8
34°	265.2	266.1	266.0	265.6	264.0	265.6	266.0	266.1	265.2	266.1	266.0
34.5°	259.1	259.7	259.3	258.9	257.8	258.9	259.3	259.7	259.1	259.7	259.3
35°	252.8	252.9	252.4	252.3	251.4	252.3	252.4	252.9	252.8	252.9	252.4
35.5°	246.4	246.2	245.4	245.5	245.1	245.5	245.4	246.2	246.4	246.2	245.4
36°	239.7	239.4	238.3	238.7	238.7	238.7	238.3	239.4	239.7	239.4	238.3
36.5°	233.1	232.5	231.3	231.8	232.2	231.8	231.3	232.5	233.1	232.5	231.3
37°	226.3	225.5	224.0	225.0	225.5	225.0	224.0	225.5	226.3	225.5	224.0
37.5°	219.4	218.4	216.8	218.1	218.5	218.1	216.8	218.4	219.4	218.4	216.8
38°	212.3	211.3	209.7	211.0	211.2	211.0	209.7	211.3	212.3	211.3	209.7
38.5°	205.3	204.2	202.5	203.9	204.1	203.9	202.5	204.2	205.3	204.2	202.5
39°	198.0	196.8	195.5	196.8	197.1	196.8	195.5	196.8	198.0	196.8	195.5
39.5°	190.6	189.6	188.5	189.7	190.1	189.7	188.5	189.6	190.6	189.6	188.5
40°	183.2	182.5	181.4	182.5	183.1	182.5	181.4	182.5	183.2	182.5	181.4
40.5°	175.8	175.5	174.5	175.3	176.0	175.3	174.5	175.5	175.8	175.5	174.5
41°	168.4	168.4	167.4	168.1	168.7	168.1	167.4	168.4	168.4	168.4	167.4
41.5°	161.1	161.3	160.4	161.0	161.5	161.0	160.4	161.3	161.1	161.3	160.4
42°	153.8	154.1	153.4	154.0	154.3	154.0	153.4	154.1	153.8	154.1	153.4
42.5°	146.6	147.0	146.6	147.2	147.1	147.2	146.6	147.0	146.6	147.0	146.6
43°	139.5	139.8	139.9	140.3	139.9	140.3	139.9	139.8	139.5	139.8	139.9
43.5°	132.5	132.9	133.2	133.5	132.7	133.5	133.2	132.9	132.5	132.9	133.2
44°	125.6	125.9	126.6	126.9	125.8	126.9	126.6	125.9	125.6	125.9	126.6
44.5°	118.8	119.2	120.1	120.4	119.0	120.4	120.1	119.2	118.8	119.2	120.1

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	112.1	112.6	113.8	113.8	112.4	113.8	113.8	112.6	112.1	112.6	113.8
45.5°	105.5	106.2	107.5	107.4	105.9	107.4	107.5	106.2	105.5	106.2	107.5
46°	99.0	99.9	101.2	101.1	99.6	101.1	101.2	99.9	99.0	99.9	101.2
46.5°	92.7	93.8	95.0	95.0	93.5	95.0	95.0	93.8	92.7	93.8	95.0
47°	86.6	87.8	88.9	89.0	87.6	89.0	88.9	87.8	86.6	87.8	88.9
47.5°	80.8	81.9	83.0	83.2	81.9	83.2	83.0	81.9	80.8	81.9	83.0
48°	75.1	76.2	77.2	77.4	76.4	77.4	77.2	76.2	75.1	76.2	77.2
48.5°	69.7	70.7	71.6	72.0	71.1	72.0	71.6	70.7	69.7	70.7	71.6
49°	64.6	65.5	66.1	66.6	65.9	66.6	66.1	65.5	64.6	65.5	66.1
49.5°	59.8	60.5	61.0	61.6	61.1	61.6	61.0	60.5	59.8	60.5	61.0
50°	55.2	55.7	56.1	56.8	56.5	56.8	56.1	55.7	55.2	55.7	56.1
50.5°	50.7	51.0	51.4	52.1	52.1	52.1	51.4	51.0	50.7	51.0	51.4
51°	46.3	46.4	46.6	47.5	47.7	47.5	46.6	46.4	46.3	46.4	46.6
51.5°	42.4	42.2	42.1	43.2	43.5	43.2	42.1	42.2	42.4	42.2	42.1
52°	38.6	38.3	38.0	39.0	39.4	39.0	38.0	38.3	38.6	38.3	38.0
52.5°	35.1	34.6	34.1	35.2	35.6	35.2	34.1	34.6	35.1	34.6	34.1
53°	31.7	31.1	30.6	31.8	32.1	31.8	30.6	31.1	31.7	31.1	30.6
53.5°	28.6	28.0	27.4	28.5	28.7	28.5	27.4	28.0	28.6	28.0	27.4
54°	25.6	25.0	24.5	25.4	25.6	25.4	24.5	25.0	25.6	25.0	24.5
54.5°	22.8	22.3	21.8	22.5	22.7	22.5	21.8	22.3	22.8	22.3	21.8
55°	20.2	19.7	19.3	19.9	20.0	19.9	19.3	19.7	20.2	19.7	19.3
55.5°	17.7	17.3	17.1	17.4	17.4	17.4	17.1	17.3	17.7	17.3	17.1
56°	15.5	15.2	14.9	15.2	15.2	15.2	14.9	15.2	15.5	15.2	14.9
56.5°	13.4	13.3	13.0	13.1	13.1	13.1	13.0	13.3	13.4	13.3	13.0
57°	11.5	11.4	11.0	11.1	11.2	11.1	11.0	11.4	11.5	11.4	11.0
57.5°	9.6	9.5	9.1	9.1	9.2	9.1	9.1	9.5	9.6	9.5	9.1
58°	7.6	7.7	7.4	7.3	7.3	7.3	7.4	7.7	7.6	7.7	7.4
58.5°	5.9	6.0	5.6	5.6	5.6	5.6	5.6	6.0	5.9	6.0	5.6
59°	4.2	4.3	3.8	3.9	3.9	3.9	3.8	4.3	4.2	4.3	3.8
59.5°	2.9	2.9	2.4	2.4	2.6	2.4	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	0.8	0.8	1.1	0.8	0.8	1.1	1.0	1.1	0.8
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°	0.6	0.7	0.5	0.5	0.6	0.5	0.5	0.7	0.6	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°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	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°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

TEST NUMBER: P1590593

CATALOG NUMBER: HCDLS510CSD6TRC-LO-3000K

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: P1590593

CATALOG NUMBER: HCDLS510CSD6TRC-LO-3000K

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: P1590593

CATALOG NUMBER: HCDLS510CSD6TRC-LO-3000K

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: P1590593

CATALOG NUMBER: HCDLS510CSD6TRC-LO-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°	0.2	0.2	0.1	0.2	0.1	0.2	0.1	0.2	0.2	0.2	0.1
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: P1590593

CATALOG NUMBER: HCDLS510CSD6TRC-LO-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



TEST NUMBER: P1590593
CATALOG NUMBER: HCDLS510CSD6TRC-LO-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

TEST NUMBER: P1590593

CATALOG NUMBER: HCDLS510CSD6TRC-LO-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	468.8	468.8	468.8	468.8	468.8	468.8
0.5°	468.9	468.7	468.9	468.9	468.7	468.6
1°	468.8	468.6	468.8	468.8	468.6	468.5
1.5°	468.6	468.5	468.6	468.6	468.4	468.3
2°	468.4	468.4	468.4	468.4	468.1	468.0
2.5°	468.2	468.2	468.2	468.0	467.8	467.6
3°	467.8	467.9	467.8	467.6	467.3	467.2
3.5°	467.4	467.5	467.4	467.1	466.8	466.7
4°	466.8	467.1	466.8	466.6	466.3	466.1
4.5°	466.2	466.5	466.2	465.9	465.6	465.5
5°	465.5	465.9	465.5	465.2	464.9	464.7
5.5°	464.6	465.1	464.6	464.3	464.1	463.9
6°	463.6	464.2	463.6	463.3	463.2	463.0
6.5°	462.5	463.1	462.5	462.3	462.3	462.0
7°	461.4	462.0	461.4	461.1	461.2	460.9
7.5°	460.1	460.7	460.1	459.9	460.0	459.7
8°	458.7	459.5	458.7	458.6	458.8	458.5
8.5°	457.3	458.1	457.3	457.1	457.4	457.0
9°	455.8	456.6	455.8	455.6	455.9	455.6
9.5°	454.3	455.1	454.3	454.0	454.3	453.9
10°	452.6	453.5	452.6	452.2	452.7	452.3
10.5°	451.0	451.8	451.0	450.4	450.8	450.5
11°	449.2	450.0	449.2	448.5	448.9	448.6
11.5°	447.4	448.2	447.4	446.5	446.9	446.7
12°	445.6	446.3	445.6	444.4	444.8	444.7
12.5°	443.6	444.3	443.6	442.3	442.6	442.6
13°	441.6	442.3	441.6	440.1	440.4	440.5
13.5°	439.6	440.2	439.6	437.9	438.1	438.4
14°	437.4	438.0	437.4	435.6	435.8	436.2
14.5°	435.2	435.8	435.2	433.2	433.3	433.9
15°	432.8	433.5	432.8	430.8	430.9	431.6
15.5°	430.5	431.2	430.5	428.3	428.3	429.1
16°	427.9	428.8	427.9	425.8	425.8	426.7
16.5°	425.2	426.4	425.2	423.1	423.0	424.2
17°	422.5	423.9	422.5	420.2	420.3	421.6
17.5°	419.6	421.3	419.6	417.3	417.5	418.8
18°	416.6	418.6	416.6	414.4	414.6	415.9
18.5°	413.7	415.7	413.7	411.3	411.5	412.8
19°	410.6	412.8	410.6	408.1	408.4	409.7
19.5°	407.5	409.8	407.5	404.8	405.2	406.4
20°	404.2	406.6	404.2	401.4	401.8	403.0
20.5°	400.7	403.0	400.7	398.0	398.4	399.5
21°	397.1	399.4	397.1	394.4	394.8	395.8
21.5°	393.4	395.5	393.4	390.7	391.1	392.1
22°	389.5	391.5	389.5	387.0	387.3	388.1

TEST NUMBER: P1590593

CATALOG NUMBER: HCDLS510CSD6TRC-LO-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	385.6	387.2	385.6	383.3	383.4	384.0
23°	381.6	383.0	381.6	379.4	379.4	379.8
23.5°	377.5	378.6	377.5	375.6	375.4	375.5
24°	373.3	374.1	373.3	371.7	371.3	371.1
24.5°	369.0	369.4	369.0	367.7	367.1	366.6
25°	364.6	364.8	364.6	363.6	362.8	362.0
25.5°	360.1	359.9	360.1	359.4	358.4	357.4
26°	355.5	354.9	355.5	355.1	354.0	352.6
26.5°	350.8	349.8	350.8	350.6	349.5	347.8
27°	346.1	344.7	346.1	346.1	344.8	342.9
27.5°	341.2	339.6	341.2	341.4	340.0	338.0
28°	336.1	334.2	336.1	336.5	335.1	333.0
28.5°	331.0	328.9	331.0	331.5	330.1	327.7
29°	325.7	323.5	325.7	326.4	324.9	322.5
29.5°	320.2	318.0	320.2	321.1	319.6	317.1
30°	314.6	312.2	314.6	315.6	314.1	311.6
30.5°	308.9	306.5	308.9	309.9	308.6	306.1
31°	303.0	300.5	303.0	304.1	302.9	300.5
31.5°	297.0	294.6	297.0	298.1	297.1	294.8
32°	290.9	288.6	290.9	291.9	291.1	289.0
32.5°	284.7	282.5	284.7	285.7	285.1	283.2
33°	278.4	276.4	278.4	279.2	278.8	277.2
33.5°	272.0	270.2	272.0	272.8	272.6	271.4
34°	265.6	264.0	265.6	266.0	266.1	265.2
34.5°	258.9	257.8	258.9	259.3	259.7	259.1
35°	252.3	251.4	252.3	252.4	252.9	252.8
35.5°	245.5	245.1	245.5	245.4	246.2	246.4
36°	238.7	238.7	238.7	238.3	239.4	239.7
36.5°	231.8	232.2	231.8	231.3	232.5	233.1
37°	225.0	225.5	225.0	224.0	225.5	226.3
37.5°	218.1	218.5	218.1	216.8	218.4	219.4
38°	211.0	211.2	211.0	209.7	211.3	212.3
38.5°	203.9	204.1	203.9	202.5	204.2	205.3
39°	196.8	197.1	196.8	195.5	196.8	198.0
39.5°	189.7	190.1	189.7	188.5	189.6	190.6
40°	182.5	183.1	182.5	181.4	182.5	183.2
40.5°	175.3	176.0	175.3	174.5	175.5	175.8
41°	168.1	168.7	168.1	167.4	168.4	168.4
41.5°	161.0	161.5	161.0	160.4	161.3	161.1
42°	154.0	154.3	154.0	153.4	154.1	153.8
42.5°	147.2	147.1	147.2	146.6	147.0	146.6
43°	140.3	139.9	140.3	139.9	139.8	139.5
43.5°	133.5	132.7	133.5	133.2	132.9	132.5
44°	126.9	125.8	126.9	126.6	125.9	125.6
44.5°	120.4	119.0	120.4	120.1	119.2	118.8

TEST NUMBER: P1590593

CATALOG NUMBER: HCDLS510CSD6TRC-LO-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	113.8	112.4	113.8	113.8	112.6	112.1
45.5°	107.4	105.9	107.4	107.5	106.2	105.5
46°	101.1	99.6	101.1	101.2	99.9	99.0
46.5°	95.0	93.5	95.0	95.0	93.8	92.7
47°	89.0	87.6	89.0	88.9	87.8	86.6
47.5°	83.2	81.9	83.2	83.0	81.9	80.8
48°	77.4	76.4	77.4	77.2	76.2	75.1
48.5°	72.0	71.1	72.0	71.6	70.7	69.7
49°	66.6	65.9	66.6	66.1	65.5	64.6
49.5°	61.6	61.1	61.6	61.0	60.5	59.8
50°	56.8	56.5	56.8	56.1	55.7	55.2
50.5°	52.1	52.1	52.1	51.4	51.0	50.7
51°	47.5	47.7	47.5	46.6	46.4	46.3
51.5°	43.2	43.5	43.2	42.1	42.2	42.4
52°	39.0	39.4	39.0	38.0	38.3	38.6
52.5°	35.2	35.6	35.2	34.1	34.6	35.1
53°	31.8	32.1	31.8	30.6	31.1	31.7
53.5°	28.5	28.7	28.5	27.4	28.0	28.6
54°	25.4	25.6	25.4	24.5	25.0	25.6
54.5°	22.5	22.7	22.5	21.8	22.3	22.8
55°	19.9	20.0	19.9	19.3	19.7	20.2
55.5°	17.4	17.4	17.4	17.1	17.3	17.7
56°	15.2	15.2	15.2	14.9	15.2	15.5
56.5°	13.1	13.1	13.1	13.0	13.3	13.4
57°	11.1	11.2	11.1	11.0	11.4	11.5
57.5°	9.1	9.2	9.1	9.1	9.5	9.6
58°	7.3	7.3	7.3	7.4	7.7	7.6
58.5°	5.6	5.6	5.6	5.6	6.0	5.9
59°	3.9	3.9	3.9	3.8	4.3	4.2
59.5°	2.4	2.6	2.4	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	0.8	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	0.6
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	0.3
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	0.1

TEST NUMBER: P1590593

CATALOG NUMBER: HCDLS510CSD6TRC-LO-3000K

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: P1590593

CATALOG NUMBER: HCDLS510CSD6TRC-LO-3000K

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: P1590593

CATALOG NUMBER: HCDLS510CSD6TRC-LO-3000K

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: P1590593

CATALOG NUMBER: HCDLS510CSD6TRC-LO-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°	0.2	0.1	0.2	0.1	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: P1590593

CATALOG NUMBER: HCDLS510CSD6TRC-LO-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



TEST NUMBER: P1590593

CATALOG NUMBER: HCDLS510CSD6TRC-LO-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

TEST NUMBER: P1590593

CATALOG NUMBER: HCDLS510CSD6TRC-LO-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	4.1	5.2	4.5	5.6	5.9	3.8	4.9	4.2	5.2	5.6
	3H	4.0	4.9	4.3	5.3	5.6	3.6	4.6	4.0	4.9	5.3
	4H	3.9	4.8	4.3	5.1	5.5	3.5	4.5	4.0	4.8	5.2
	6H	3.8	4.6	4.2	5.0	5.4	3.4	4.3	3.9	4.6	5.0
	8H	3.7	4.5	4.1	4.9	5.3	3.4	4.2	3.8	4.6	5.0
	12H	3.7	4.4	4.1	4.8	5.2	3.3	4.1	3.8	4.5	4.9
4H	2H	3.9	4.8	4.3	5.1	5.5	3.5	4.5	4.0	4.8	5.2
	3H	3.7	4.4	4.1	4.8	5.2	3.4	4.1	3.8	4.5	4.9
	4H	3.6	4.2	4.0	4.6	5.1	3.3	3.9	3.7	4.3	4.8
	6H	3.5	4.0	3.9	4.5	5.0	3.2	3.7	3.6	4.2	4.6
	8H	3.4	3.9	3.9	4.4	4.8	3.1	3.6	3.6	4.1	4.5
	12H	3.3	3.8	3.8	4.3	4.8	3.0	3.5	3.5	4.0	4.4
8H	4H	3.4	3.9	3.9	4.4	4.8	3.1	3.6	3.6	4.1	4.5
	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	3.7	4.1	4.6	2.9	3.3	3.4	3.8	4.3
	12H	3.2	3.5	3.7	4.0	4.6	2.8	3.2	3.4	3.7	4.2
12H	4H	3.3	3.8	3.8	4.3	4.8	3.0	3.5	3.5	4.0	4.4
	6H	3.2	3.6	3.7	4.1	4.6	2.9	3.3	3.4	3.7	4.3
	8H	3.2	3.5	3.7	4.0	4.6	2.8	3.2	3.4	3.7	4.2

(END OF REPORT)