

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: P1590596

Luminaire Tested: HCDLS510CSD6TRC-LO-5000K

Issue Date: 9/4/2026

Test Information

Test Method: LM-79-2019
Report Number: P1590596
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-5000K
Description: 6" Selectable Round Trim + Specular Clear 500 Lumens 5000K

Light Source:
Ballast/Driver: -

Summary

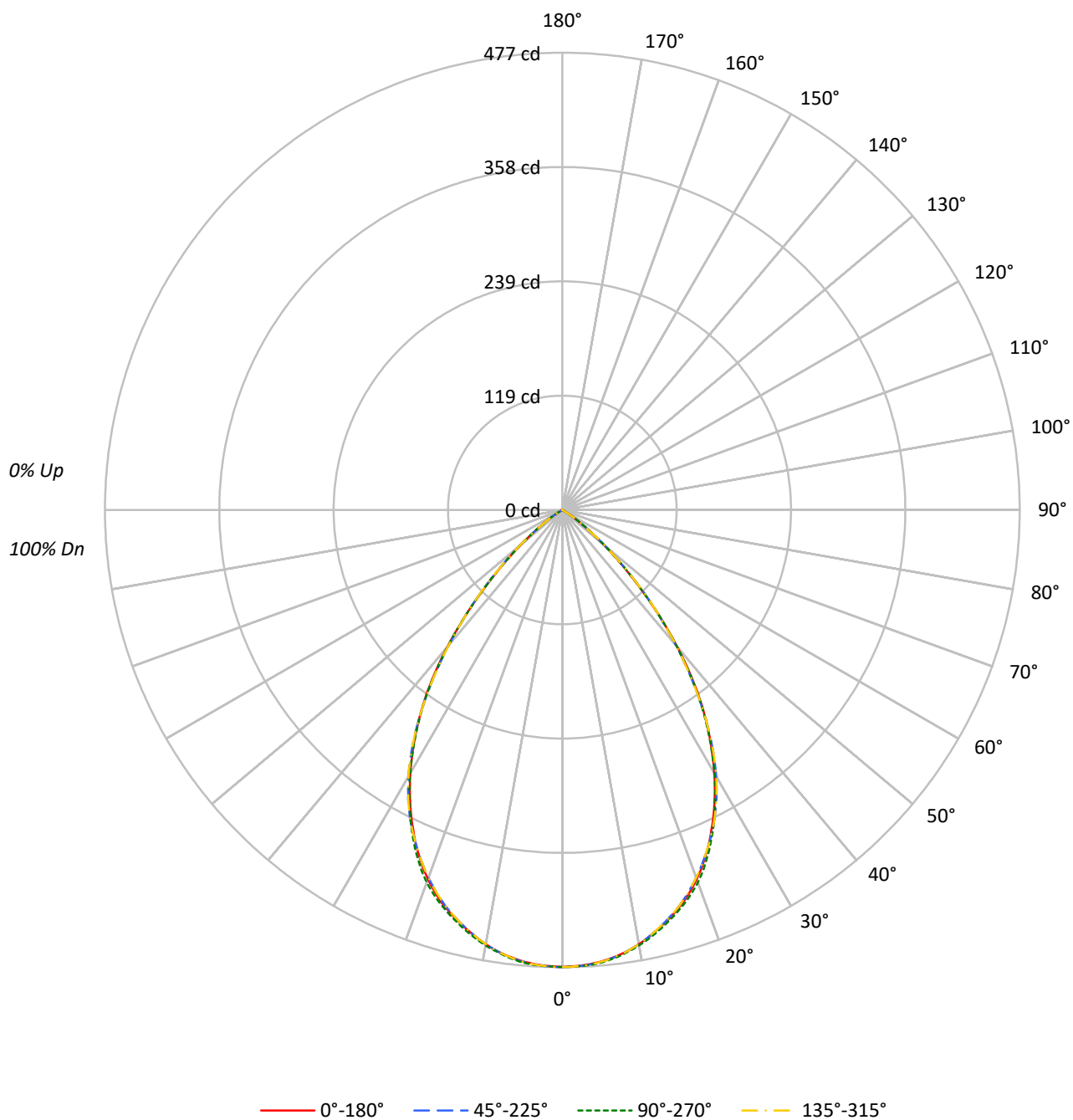
Lumens per Lamp: N/A
Luminaire Lumens: 606.0 lumens
Efficiency: N/A
Efficacy: 101.0 lumens/watt
Spacing Criteria (0/90/45): 1.05 / 1.05 / 1.06
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	26138	26138	26138	26138
5°	26007	26073	26007	26073
10°	25606	25673	25606	25673
15°	24909	25023	24909	25023
20°	23907	24123	23907	24123
25°	22265	22435	22265	22435
30°	20060	20098	20060	20098
35°	17206	17112	17206	17112
40°	13332	13325	13332	13325
45°	8838	8861	8838	8861
50°	4784	4904	4784	4904
55°	1959	1940	1959	1940
60°	219	186	219	186
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: 8978 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	44.8	7.4
10°-20°	123.3	20.4
20°-30°	169.1	27.9
30°-40°	158.6	26.2
40°-50°	89.2	14.7
50°-60°	20.3	3.4
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°	337.2	55.6
0°-40°	495.7	81.8
0°-60°	605.3	99.9
0°-90°	605.6	99.9
90°-120°	0.0	0.0
90°-150°	0.2	0.0
90°-180°	0.0	0.0
0°-180°	606.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	477	477	477	477	477	
5°	473	474	473	474	473	45
15°	439	441	439	441	439	123
25°	368	371	368	371	368	168
35°	257	256	257	256	257	159
45°	114	114	114	114	114	89
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°	476.8	476.8	476.8	476.8	476.8	476.8	476.8	476.8	476.8	476.8	476.8
0.5°	476.5	476.6	476.9	476.8	476.7	476.8	476.9	476.6	476.5	476.6	476.9
1°	476.4	476.5	476.7	476.7	476.6	476.7	476.7	476.5	476.4	476.5	476.7
1.5°	476.2	476.3	476.5	476.6	476.5	476.6	476.5	476.3	476.2	476.3	476.5
2°	475.9	476.0	476.3	476.4	476.3	476.4	476.3	476.0	475.9	476.0	476.3
2.5°	475.5	475.7	476.0	476.1	476.1	476.1	476.0	475.7	475.5	475.7	476.0
3°	475.1	475.3	475.6	475.7	475.8	475.7	475.6	475.3	475.1	475.3	475.6
3.5°	474.6	474.7	475.0	475.3	475.4	475.3	475.0	474.7	474.6	474.7	475.0
4°	474.0	474.2	474.5	474.7	475.0	474.7	474.5	474.2	474.0	474.2	474.5
4.5°	473.4	473.5	473.8	474.1	474.4	474.1	473.8	473.5	473.4	473.5	473.8
5°	472.6	472.8	473.1	473.4	473.8	473.4	473.1	472.8	472.6	472.8	473.1
5.5°	471.8	471.9	472.2	472.5	473.0	472.5	472.2	471.9	471.8	471.9	472.2
6°	470.9	471.1	471.2	471.5	472.0	471.5	471.2	471.1	470.9	471.1	471.2
6.5°	469.8	470.1	470.1	470.4	471.0	470.4	470.1	470.1	469.8	470.1	470.1
7°	468.8	469.0	468.9	469.2	469.8	469.2	468.9	469.0	468.8	469.0	468.9
7.5°	467.5	467.8	467.7	467.9	468.5	467.9	467.7	467.8	467.5	467.8	467.7
8°	466.2	466.5	466.3	466.5	467.2	466.5	466.3	466.5	466.2	466.5	466.3
8.5°	464.8	465.2	464.9	465.1	465.8	465.1	464.9	465.2	464.8	465.2	464.9
9°	463.3	463.7	463.3	463.5	464.3	463.5	463.3	463.7	463.3	463.7	463.3
9.5°	461.6	462.0	461.7	462.0	462.8	462.0	461.7	462.0	461.6	462.0	461.7
10°	460.0	460.3	459.9	460.3	461.2	460.3	459.9	460.3	460.0	460.3	459.9
10.5°	458.1	458.4	458.0	458.6	459.4	458.6	458.0	458.4	458.1	458.4	458.0
11°	456.2	456.5	456.1	456.8	457.7	456.8	456.1	456.5	456.2	456.5	456.1
11.5°	454.3	454.5	454.0	455.0	455.8	455.0	454.0	454.5	454.3	454.5	454.0
12°	452.3	452.4	451.9	453.1	453.8	453.1	451.9	452.4	452.3	452.4	451.9
12.5°	450.1	450.1	449.8	451.1	451.8	451.1	449.8	450.1	450.1	450.1	449.8
13°	448.0	447.9	447.5	449.1	449.8	449.1	447.5	447.9	448.0	447.9	447.5
13.5°	445.8	445.5	445.3	447.1	447.7	447.1	445.3	445.5	445.8	445.5	445.3
14°	443.6	443.2	442.9	444.8	445.4	444.8	442.9	443.2	443.6	443.2	442.9
14.5°	441.3	440.7	440.5	442.5	443.2	442.5	440.5	440.7	441.3	440.7	440.5
15°	438.9	438.2	438.1	440.2	440.9	440.2	438.1	438.2	438.9	438.2	438.1
15.5°	436.4	435.6	435.6	437.8	438.5	437.8	435.6	435.6	436.4	435.6	435.6
16°	433.9	433.0	433.0	435.2	436.1	435.2	433.0	433.0	433.9	433.0	433.0
16.5°	431.4	430.2	430.2	432.4	433.6	432.4	430.2	430.2	431.4	430.2	430.2
17°	428.8	427.4	427.3	429.6	431.1	429.6	427.3	427.4	428.8	427.4	427.3
17.5°	425.9	424.5	424.4	426.7	428.4	426.7	424.4	424.5	425.9	424.5	424.4
18°	422.9	421.6	421.4	423.7	425.7	423.7	421.4	421.6	422.9	421.6	421.4
18.5°	419.8	418.5	418.3	420.7	422.8	420.7	418.3	418.5	419.8	418.5	418.3
19°	416.6	415.3	415.0	417.6	419.8	417.6	415.0	415.3	416.6	415.3	415.0
19.5°	413.3	412.0	411.6	414.4	416.8	414.4	411.6	412.0	413.3	412.0	411.6
20°	409.8	408.6	408.2	411.0	413.5	411.0	408.2	408.6	409.8	408.6	408.2
20.5°	406.2	405.1	404.7	407.5	409.8	407.5	404.7	405.1	406.2	405.1	404.7
21°	402.6	401.5	401.1	403.8	406.1	403.8	401.1	401.5	402.6	401.5	401.1
21.5°	398.7	397.7	397.3	400.1	402.2	400.1	397.3	397.7	398.7	397.7	397.3
22°	394.7	393.9	393.5	396.1	398.1	396.1	393.5	393.9	394.7	393.9	393.5

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
22.5°	390.5	389.9	389.8	392.2	393.8	392.2	389.8	389.9	390.5	389.9	389.8
23°	386.2	385.9	385.9	388.1	389.5	388.1	385.9	385.9	386.2	385.9	385.9
23.5°	381.9	381.7	382.0	383.9	385.0	383.9	382.0	381.7	381.9	381.7	382.0
24°	377.4	377.6	378.0	379.6	380.4	379.6	378.0	377.6	377.4	377.6	378.0
24.5°	372.8	373.3	373.9	375.3	375.7	375.3	373.9	373.3	372.8	373.3	373.9
25°	368.1	368.9	369.8	370.8	370.9	370.8	369.8	368.9	368.1	368.9	369.8
25.5°	363.4	364.5	365.5	366.2	366.0	366.2	365.5	364.5	363.4	364.5	365.5
26°	358.6	360.0	361.1	361.5	361.0	361.5	361.1	360.0	358.6	360.0	361.1
26.5°	353.7	355.4	356.6	356.8	355.8	356.8	356.6	355.4	353.7	355.4	356.6
27°	348.8	350.7	351.9	351.9	350.6	351.9	351.9	350.7	348.8	350.7	351.9
27.5°	343.7	345.8	347.2	347.0	345.3	347.0	347.2	345.8	343.7	345.8	347.2
28°	338.7	340.8	342.2	341.8	339.8	341.8	342.2	340.8	338.7	340.8	342.2
28.5°	333.3	335.7	337.1	336.6	334.4	336.6	337.1	335.7	333.3	335.7	337.1
29°	328.0	330.4	331.9	331.2	328.9	331.2	331.9	330.4	328.0	330.4	331.9
29.5°	322.5	325.0	326.5	325.7	323.4	325.7	326.5	325.0	322.5	325.0	326.5
30°	316.9	319.4	320.9	320.0	317.5	320.0	320.9	319.4	316.9	319.4	320.9
30.5°	311.3	313.8	315.2	314.1	311.7	314.1	315.2	313.8	311.3	313.8	315.2
31°	305.6	308.0	309.3	308.1	305.6	308.1	309.3	308.0	305.6	308.0	309.3
31.5°	299.8	302.1	303.2	302.0	299.6	302.0	303.2	302.1	299.8	302.1	303.2
32°	293.8	296.0	296.9	295.8	293.5	295.8	296.9	296.0	293.8	296.0	296.9
32.5°	288.0	290.0	290.5	289.5	287.3	289.5	290.5	290.0	288.0	290.0	290.5
33°	281.9	283.5	284.0	283.1	281.1	283.1	284.0	283.5	281.9	283.5	284.0
33.5°	276.0	277.2	277.4	276.6	274.8	276.6	277.4	277.2	276.0	277.2	277.4
34°	269.7	270.6	270.5	270.1	268.5	270.1	270.5	270.6	269.7	270.6	270.5
34.5°	263.4	264.1	263.7	263.3	262.2	263.3	263.7	264.1	263.4	264.1	263.7
35°	257.1	257.2	256.7	256.5	255.7	256.5	256.7	257.2	257.1	257.2	256.7
35.5°	250.6	250.4	249.6	249.7	249.3	249.7	249.6	250.4	250.6	250.4	249.6
36°	243.8	243.4	242.3	242.7	242.7	242.7	242.3	243.4	243.8	243.4	242.3
36.5°	237.1	236.5	235.2	235.7	236.1	235.7	235.2	236.5	237.1	236.5	235.2
37°	230.2	229.3	227.8	228.8	229.3	228.8	227.8	229.3	230.2	229.3	227.8
37.5°	223.1	222.2	220.5	221.8	222.3	221.8	220.5	222.2	223.1	222.2	220.5
38°	215.9	214.9	213.2	214.6	214.8	214.6	213.2	214.9	215.9	214.9	213.2
38.5°	208.7	207.7	206.0	207.4	207.6	207.4	206.0	207.7	208.7	207.7	206.0
39°	201.4	200.1	198.8	200.1	200.4	200.1	198.8	200.1	201.4	200.1	198.8
39.5°	193.8	192.8	191.7	192.9	193.3	192.9	191.7	192.8	193.8	192.8	191.7
40°	186.3	185.6	184.5	185.6	186.2	185.6	184.5	185.6	186.3	185.6	184.5
40.5°	178.8	178.4	177.5	178.3	179.0	178.3	177.5	178.4	178.8	178.4	177.5
41°	171.3	171.2	170.3	171.0	171.6	171.0	170.3	171.2	171.3	171.2	170.3
41.5°	163.8	164.0	163.1	163.8	164.3	163.8	163.1	164.0	163.8	164.0	163.1
42°	156.4	156.7	156.0	156.6	156.9	156.6	156.0	156.7	156.4	156.7	156.0
42.5°	149.1	149.5	149.1	149.7	149.6	149.7	149.1	149.5	149.1	149.5	149.1
43°	141.9	142.2	142.3	142.7	142.2	142.7	142.3	142.2	141.9	142.2	142.3
43.5°	134.8	135.2	135.5	135.8	134.9	135.8	135.5	135.2	134.8	135.2	135.5
44°	127.8	128.0	128.7	129.0	127.9	129.0	128.7	128.0	127.8	128.0	128.7
44.5°	120.8	121.2	122.1	122.5	121.1	122.5	122.1	121.2	120.8	121.2	122.1

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	114.0	114.5	115.7	115.8	114.3	115.8	115.7	114.5	114.0	114.5	115.7
45.5°	107.3	108.0	109.3	109.2	107.7	109.2	109.3	108.0	107.3	108.0	109.3
46°	100.7	101.6	102.9	102.8	101.3	102.8	102.9	101.6	100.7	101.6	102.9
46.5°	94.3	95.4	96.6	96.6	95.1	96.6	96.6	95.4	94.3	95.4	96.6
47°	88.1	89.3	90.5	90.5	89.1	90.5	90.5	89.3	88.1	89.3	90.5
47.5°	82.2	83.3	84.4	84.6	83.3	84.6	84.4	83.3	82.2	83.3	84.4
48°	76.3	77.5	78.5	78.7	77.7	78.7	78.5	77.5	76.3	77.5	78.5
48.5°	70.9	71.9	72.8	73.2	72.3	73.2	72.8	71.9	70.9	71.9	72.8
49°	65.7	66.6	67.2	67.8	67.0	67.8	67.2	66.6	65.7	66.6	67.2
49.5°	60.8	61.5	62.1	62.6	62.1	62.6	62.1	61.5	60.8	61.5	62.1
50°	56.1	56.7	57.1	57.7	57.5	57.7	57.1	56.7	56.1	56.7	57.1
50.5°	51.5	51.9	52.2	52.9	53.0	52.9	52.2	51.9	51.5	51.9	52.2
51°	47.1	47.2	47.4	48.3	48.5	48.3	47.4	47.2	47.1	47.2	47.4
51.5°	43.1	42.9	42.8	43.9	44.2	43.9	42.8	42.9	43.1	42.9	42.8
52°	39.2	38.9	38.6	39.7	40.0	39.7	38.6	38.9	39.2	38.9	38.6
52.5°	35.7	35.2	34.7	35.8	36.2	35.8	34.7	35.2	35.7	35.2	34.7
53°	32.3	31.7	31.1	32.3	32.6	32.3	31.1	31.7	32.3	31.7	31.1
53.5°	29.1	28.4	27.9	29.0	29.2	29.0	27.9	28.4	29.1	28.4	27.9
54°	26.0	25.4	24.9	25.8	26.0	25.8	24.9	25.4	26.0	25.4	24.9
54.5°	23.2	22.6	22.2	22.9	23.1	22.9	22.2	22.6	23.2	22.6	22.2
55°	20.5	20.0	19.6	20.2	20.3	20.2	19.6	20.0	20.5	20.0	19.6
55.5°	18.0	17.6	17.4	17.7	17.7	17.7	17.4	17.6	18.0	17.6	17.4
56°	15.8	15.5	15.2	15.4	15.4	15.4	15.2	15.5	15.8	15.5	15.2
56.5°	13.7	13.5	13.2	13.3	13.3	13.3	13.2	13.5	13.7	13.5	13.2
57°	11.7	11.6	11.2	11.3	11.4	11.3	11.2	11.6	11.7	11.6	11.2
57.5°	9.7	9.7	9.3	9.3	9.4	9.3	9.3	9.7	9.7	9.7	9.3
58°	7.8	7.8	7.5	7.5	7.4	7.5	7.5	7.8	7.8	7.8	7.5
58.5°	6.0	6.1	5.7	5.7	5.7	5.7	5.7	6.1	6.0	6.1	5.7
59°	4.3	4.4	3.9	3.9	3.9	3.9	3.9	4.4	4.3	4.4	3.9
59.5°	3.0	3.0	2.5	2.5	2.6	2.5	2.5	3.0	3.0	3.0	2.5
60°	2.0	2.0	1.7	1.5	1.7	1.5	1.7	2.0	2.0	2.0	1.7
60.5°	1.3	1.4	1.1	1.0	1.3	1.0	1.1	1.4	1.3	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	0.4	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: P1590596

CATALOG NUMBER: HCDLS510CSD6TRC-LO-5000K

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: P1590596

CATALOG NUMBER: HCDLS510CSD6TRC-LO-5000K

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: P1590596

CATALOG NUMBER: HCDLS510CSD6TRC-LO-5000K

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°	0.1	0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.1	0.1	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: P1590596

CATALOG NUMBER: HCDLS510CSD6TRC-LO-5000K

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	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	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: P1590596

CATALOG NUMBER: HCDLS510CSD6TRC-LO-5000K

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: P1590596
CATALOG NUMBER: HCDLS510CSD6TRC-LO-5000K

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: P1590596

CATALOG NUMBER: HCDLS510CSD6TRC-LO-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	476.8	476.8	476.8	476.8	476.8	476.8
0.5°	476.8	476.7	476.8	476.9	476.6	476.5
1°	476.7	476.6	476.7	476.7	476.5	476.4
1.5°	476.6	476.5	476.6	476.5	476.3	476.2
2°	476.4	476.3	476.4	476.3	476.0	475.9
2.5°	476.1	476.1	476.1	476.0	475.7	475.5
3°	475.7	475.8	475.7	475.6	475.3	475.1
3.5°	475.3	475.4	475.3	475.0	474.7	474.6
4°	474.7	475.0	474.7	474.5	474.2	474.0
4.5°	474.1	474.4	474.1	473.8	473.5	473.4
5°	473.4	473.8	473.4	473.1	472.8	472.6
5.5°	472.5	473.0	472.5	472.2	471.9	471.8
6°	471.5	472.0	471.5	471.2	471.1	470.9
6.5°	470.4	471.0	470.4	470.1	470.1	469.8
7°	469.2	469.8	469.2	468.9	469.0	468.8
7.5°	467.9	468.5	467.9	467.7	467.8	467.5
8°	466.5	467.2	466.5	466.3	466.5	466.2
8.5°	465.1	465.8	465.1	464.9	465.2	464.8
9°	463.5	464.3	463.5	463.3	463.7	463.3
9.5°	462.0	462.8	462.0	461.7	462.0	461.6
10°	460.3	461.2	460.3	459.9	460.3	460.0
10.5°	458.6	459.4	458.6	458.0	458.4	458.1
11°	456.8	457.7	456.8	456.1	456.5	456.2
11.5°	455.0	455.8	455.0	454.0	454.5	454.3
12°	453.1	453.8	453.1	451.9	452.4	452.3
12.5°	451.1	451.8	451.1	449.8	450.1	450.1
13°	449.1	449.8	449.1	447.5	447.9	448.0
13.5°	447.1	447.7	447.1	445.3	445.5	445.8
14°	444.8	445.4	444.8	442.9	443.2	443.6
14.5°	442.5	443.2	442.5	440.5	440.7	441.3
15°	440.2	440.9	440.2	438.1	438.2	438.9
15.5°	437.8	438.5	437.8	435.6	435.6	436.4
16°	435.2	436.1	435.2	433.0	433.0	433.9
16.5°	432.4	433.6	432.4	430.2	430.2	431.4
17°	429.6	431.1	429.6	427.3	427.4	428.8
17.5°	426.7	428.4	426.7	424.4	424.5	425.9
18°	423.7	425.7	423.7	421.4	421.6	422.9
18.5°	420.7	422.8	420.7	418.3	418.5	419.8
19°	417.6	419.8	417.6	415.0	415.3	416.6
19.5°	414.4	416.8	414.4	411.6	412.0	413.3
20°	411.0	413.5	411.0	408.2	408.6	409.8
20.5°	407.5	409.8	407.5	404.7	405.1	406.2
21°	403.8	406.1	403.8	401.1	401.5	402.6
21.5°	400.1	402.2	400.1	397.3	397.7	398.7
22°	396.1	398.1	396.1	393.5	393.9	394.7

TEST NUMBER: P1590596

CATALOG NUMBER: HCDLS510CSD6TRC-LO-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	392.2	393.8	392.2	389.8	389.9	390.5
23°	388.1	389.5	388.1	385.9	385.9	386.2
23.5°	383.9	385.0	383.9	382.0	381.7	381.9
24°	379.6	380.4	379.6	378.0	377.6	377.4
24.5°	375.3	375.7	375.3	373.9	373.3	372.8
25°	370.8	370.9	370.8	369.8	368.9	368.1
25.5°	366.2	366.0	366.2	365.5	364.5	363.4
26°	361.5	361.0	361.5	361.1	360.0	358.6
26.5°	356.8	355.8	356.8	356.6	355.4	353.7
27°	351.9	350.6	351.9	351.9	350.7	348.8
27.5°	347.0	345.3	347.0	347.2	345.8	343.7
28°	341.8	339.8	341.8	342.2	340.8	338.7
28.5°	336.6	334.4	336.6	337.1	335.7	333.3
29°	331.2	328.9	331.2	331.9	330.4	328.0
29.5°	325.7	323.4	325.7	326.5	325.0	322.5
30°	320.0	317.5	320.0	320.9	319.4	316.9
30.5°	314.1	311.7	314.1	315.2	313.8	311.3
31°	308.1	305.6	308.1	309.3	308.0	305.6
31.5°	302.0	299.6	302.0	303.2	302.1	299.8
32°	295.8	293.5	295.8	296.9	296.0	293.8
32.5°	289.5	287.3	289.5	290.5	290.0	288.0
33°	283.1	281.1	283.1	284.0	283.5	281.9
33.5°	276.6	274.8	276.6	277.4	277.2	276.0
34°	270.1	268.5	270.1	270.5	270.6	269.7
34.5°	263.3	262.2	263.3	263.7	264.1	263.4
35°	256.5	255.7	256.5	256.7	257.2	257.1
35.5°	249.7	249.3	249.7	249.6	250.4	250.6
36°	242.7	242.7	242.7	242.3	243.4	243.8
36.5°	235.7	236.1	235.7	235.2	236.5	237.1
37°	228.8	229.3	228.8	227.8	229.3	230.2
37.5°	221.8	222.3	221.8	220.5	222.2	223.1
38°	214.6	214.8	214.6	213.2	214.9	215.9
38.5°	207.4	207.6	207.4	206.0	207.7	208.7
39°	200.1	200.4	200.1	198.8	200.1	201.4
39.5°	192.9	193.3	192.9	191.7	192.8	193.8
40°	185.6	186.2	185.6	184.5	185.6	186.3
40.5°	178.3	179.0	178.3	177.5	178.4	178.8
41°	171.0	171.6	171.0	170.3	171.2	171.3
41.5°	163.8	164.3	163.8	163.1	164.0	163.8
42°	156.6	156.9	156.6	156.0	156.7	156.4
42.5°	149.7	149.6	149.7	149.1	149.5	149.1
43°	142.7	142.2	142.7	142.3	142.2	141.9
43.5°	135.8	134.9	135.8	135.5	135.2	134.8
44°	129.0	127.9	129.0	128.7	128.0	127.8
44.5°	122.5	121.1	122.5	122.1	121.2	120.8

TEST NUMBER: P1590596

CATALOG NUMBER: HCDLS510CSD6TRC-LO-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	115.8	114.3	115.8	115.7	114.5	114.0
45.5°	109.2	107.7	109.2	109.3	108.0	107.3
46°	102.8	101.3	102.8	102.9	101.6	100.7
46.5°	96.6	95.1	96.6	96.6	95.4	94.3
47°	90.5	89.1	90.5	90.5	89.3	88.1
47.5°	84.6	83.3	84.6	84.4	83.3	82.2
48°	78.7	77.7	78.7	78.5	77.5	76.3
48.5°	73.2	72.3	73.2	72.8	71.9	70.9
49°	67.8	67.0	67.8	67.2	66.6	65.7
49.5°	62.6	62.1	62.6	62.1	61.5	60.8
50°	57.7	57.5	57.7	57.1	56.7	56.1
50.5°	52.9	53.0	52.9	52.2	51.9	51.5
51°	48.3	48.5	48.3	47.4	47.2	47.1
51.5°	43.9	44.2	43.9	42.8	42.9	43.1
52°	39.7	40.0	39.7	38.6	38.9	39.2
52.5°	35.8	36.2	35.8	34.7	35.2	35.7
53°	32.3	32.6	32.3	31.1	31.7	32.3
53.5°	29.0	29.2	29.0	27.9	28.4	29.1
54°	25.8	26.0	25.8	24.9	25.4	26.0
54.5°	22.9	23.1	22.9	22.2	22.6	23.2
55°	20.2	20.3	20.2	19.6	20.0	20.5
55.5°	17.7	17.7	17.7	17.4	17.6	18.0
56°	15.4	15.4	15.4	15.2	15.5	15.8
56.5°	13.3	13.3	13.3	13.2	13.5	13.7
57°	11.3	11.4	11.3	11.2	11.6	11.7
57.5°	9.3	9.4	9.3	9.3	9.7	9.7
58°	7.5	7.4	7.5	7.5	7.8	7.8
58.5°	5.7	5.7	5.7	5.7	6.1	6.0
59°	3.9	3.9	3.9	3.9	4.4	4.3
59.5°	2.5	2.6	2.5	2.5	3.0	3.0
60°	1.5	1.7	1.5	1.7	2.0	2.0
60.5°	1.0	1.3	1.0	1.1	1.4	1.3
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	0.4	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: P1590596

CATALOG NUMBER: HCDLS510CSD6TRC-LO-5000K

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: P1590596

CATALOG NUMBER: HCDLS510CSD6TRC-LO-5000K

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: P1590596

CATALOG NUMBER: HCDLS510CSD6TRC-LO-5000K

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°	0.1	0.0	0.1	0.0	0.1	0.1
129°	0.1	0.1	0.1	0.1	0.1	0.1
129.5°	0.1	0.1	0.1	0.1	0.1	0.1
130°	0.1	0.1	0.1	0.1	0.1	0.1
130.5°	0.1	0.1	0.1	0.1	0.1	0.1
131°	0.1	0.1	0.1	0.1	0.1	0.1
131.5°	0.1	0.1	0.1	0.1	0.1	0.1
132°	0.1	0.1	0.1	0.1	0.1	0.1
132.5°	0.1	0.1	0.1	0.1	0.1	0.1
133°	0.1	0.1	0.1	0.1	0.1	0.1
133.5°	0.1	0.1	0.1	0.1	0.1	0.1
134°	0.1	0.1	0.1	0.1	0.1	0.1
134.5°	0.1	0.1	0.1	0.1	0.1	0.1

TEST NUMBER: P1590596

CATALOG NUMBER: HCDLS510CSD6TRC-LO-5000K

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	0.2	0.2
146°	0.2	0.2	0.2	0.2	0.2	0.2
146.5°	0.2	0.2	0.2	0.2	0.2	0.2
147°	0.2	0.2	0.2	0.2	0.2	0.2
147.5°	0.2	0.2	0.2	0.2	0.2	0.2
148°	0.2	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: P1590596

CATALOG NUMBER: HCDLS510CSD6TRC-LO-5000K

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: P1590596

CATALOG NUMBER: HCDLS510CSD6TRC-LO-5000K

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: P1590596

CATALOG NUMBER: HCDLS510CSD6TRC-LO-5000K

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	4.2	5.3	4.6	5.6	5.9	3.9	5.0	4.3	5.3	5.7
	3H	4.0	5.0	4.4	5.3	5.7	3.7	4.7	4.1	5.0	5.4
	4H	3.9	4.8	4.3	5.2	5.6	3.6	4.5	4.1	4.9	5.3
	6H	3.8	4.7	4.2	5.0	5.4	3.5	4.4	4.0	4.7	5.1
	8H	3.8	4.6	4.2	4.9	5.4	3.5	4.3	3.9	4.7	5.1
	12H	3.7	4.5	4.2	4.9	5.3	3.4	4.2	3.9	4.6	5.0
4H	2H	3.9	4.8	4.3	5.2	5.6	3.6	4.5	4.1	4.9	5.3
	3H	3.8	4.5	4.2	4.9	5.3	3.5	4.2	3.9	4.6	5.0
	4H	3.6	4.3	4.1	4.7	5.2	3.4	4.0	3.8	4.4	4.9
	6H	3.5	4.1	4.0	4.5	5.0	3.3	3.8	3.7	4.3	4.7
	8H	3.5	4.0	3.9	4.4	4.9	3.2	3.7	3.7	4.2	4.6
	12H	3.4	3.9	3.9	4.3	4.8	3.1	3.6	3.6	4.1	4.5
8H	4H	3.5	4.0	3.9	4.4	4.9	3.2	3.7	3.7	4.2	4.6
	6H	3.3	3.8	3.9	4.3	4.8	3.1	3.5	3.6	4.0	4.5
	8H	3.3	3.6	3.8	4.2	4.7	3.0	3.4	3.5	3.9	4.4
	12H	3.2	3.5	3.7	4.0	4.6	2.9	3.3	3.5	3.8	4.3
12H	4H	3.4	3.9	3.9	4.3	4.8	3.1	3.6	3.6	4.1	4.5
	6H	3.3	3.7	3.8	4.1	4.7	3.0	3.4	3.5	3.8	4.4
	8H	3.2	3.5	3.7	4.0	4.6	2.9	3.3	3.5	3.8	4.3

(END OF REPORT)