

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: P1590607

Luminaire Tested: HCDLS510CSD6TRH-LO-2700K

Issue Date: 9/4/2026

Test Information

Test Method: LM-79-2019
Report Number: P1590607
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: HCDLS510CSD6TRH-LO-2700K
Description: 6" Selectable Round Trim+ Haze (Semi-specular) 500 Lumens 2700K

Light Source:
Ballast/Driver: -

Summary

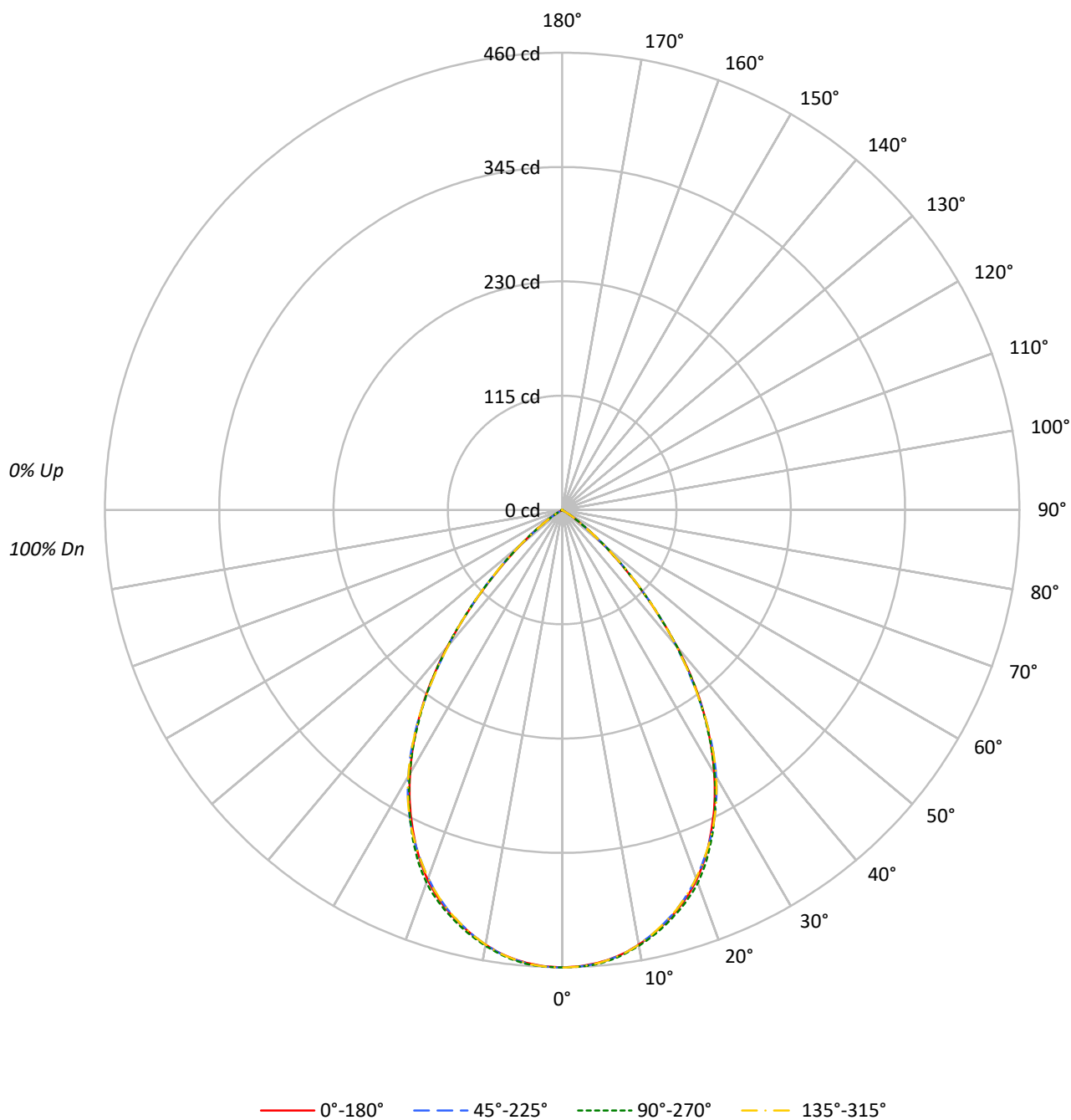
Lumens per Lamp: N/A
Luminaire Lumens: 585.0 lumens
Efficiency: N/A
Efficacy: 97.5 lumens/watt
Spacing Criteria (0/90/45): 1.05 / 1.05 / 1.06
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 6
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.9
Total Harmonic Distortion (THDi): =20%
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°	25228	25228	25228	25228
5°	25104	25171	25104	25171
10°	24716	24782	24716	24782
15°	24047	24155	24047	24155
20°	23079	23283	23079	23283
25°	21497	21661	21497	21661
30°	19364	19402	19364	19402
35°	16610	16523	16610	16523
40°	12867	12860	12867	12860
45°	8528	8551	8528	8551
50°	4622	4733	4622	4733
55°	1892	1873	1892	1873
60°	208	175	208	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: 8668 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	43.2	7.4
10°-20°	119.1	20.4
20°-30°	163.2	27.9
30°-40°	153.1	26.2
40°-50°	86.1	14.7
50°-60°	19.6	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°	325.5	55.6
0°-40°	478.6	81.8
0°-60°	584.3	99.9
0°-90°	584.6	99.9
90°-120°	0.0	0.0
90°-150°	0.2	0.0
90°-180°	0.0	0.0
0°-180°	585.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	460	460	460	460	460	
5°	456	457	456	457	456	43
15°	424	426	424	426	424	119
25°	355	358	355	358	355	163
35°	248	247	248	247	248	153
45°	110	110	110	110	110	86
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°	460.2	460.2	460.2	460.2	460.2	460.2	460.2	460.2	460.2	460.2	460.2
0.5°	460.0	460.1	460.3	460.3	460.2	460.3	460.3	460.1	460.0	460.1	460.3
1°	459.9	460.0	460.2	460.2	460.1	460.2	460.2	460.0	459.9	460.0	460.2
1.5°	459.7	459.8	460.0	460.1	460.0	460.1	460.0	459.8	459.7	459.8	460.0
2°	459.4	459.5	459.8	459.9	459.8	459.9	459.8	459.5	459.4	459.5	459.8
2.5°	459.1	459.2	459.5	459.6	459.6	459.6	459.5	459.2	459.1	459.2	459.5
3°	458.7	458.8	459.1	459.2	459.4	459.2	459.1	458.8	458.7	458.8	459.1
3.5°	458.1	458.3	458.6	458.8	459.0	458.8	458.6	458.3	458.1	458.3	458.6
4°	457.6	457.8	458.0	458.3	458.6	458.3	458.0	457.8	457.6	457.8	458.0
4.5°	457.0	457.1	457.4	457.7	458.0	457.7	457.4	457.1	457.0	457.1	457.4
5°	456.2	456.4	456.7	457.0	457.4	457.0	456.7	456.4	456.2	456.4	456.7
5.5°	455.4	455.6	455.8	456.1	456.6	456.1	455.8	455.6	455.4	455.6	455.8
6°	454.5	454.7	454.9	455.1	455.7	455.1	454.9	454.7	454.5	454.7	454.9
6.5°	453.5	453.8	453.8	454.1	454.7	454.1	453.8	453.8	453.5	453.8	453.8
7°	452.5	452.7	452.7	452.9	453.6	452.9	452.7	452.7	452.5	452.7	452.7
7.5°	451.3	451.6	451.5	451.7	452.3	451.7	451.5	451.6	451.3	451.6	451.5
8°	450.1	450.4	450.2	450.3	451.0	450.3	450.2	450.4	450.1	450.4	450.2
8.5°	448.7	449.0	448.8	448.9	449.7	448.9	448.8	449.0	448.7	449.0	448.8
9°	447.2	447.6	447.3	447.5	448.2	447.5	447.3	447.6	447.2	447.6	447.3
9.5°	445.6	446.0	445.7	446.0	446.8	446.0	445.7	446.0	445.6	446.0	445.7
10°	444.0	444.4	443.9	444.3	445.2	444.3	443.9	444.4	444.0	444.4	443.9
10.5°	442.3	442.6	442.1	442.7	443.5	442.7	442.1	442.6	442.3	442.6	442.1
11°	440.4	440.7	440.2	441.0	441.8	441.0	440.2	440.7	440.4	440.7	440.2
11.5°	438.5	438.7	438.3	439.2	440.0	439.2	438.3	438.7	438.5	438.7	438.3
12°	436.6	436.7	436.3	437.4	438.1	437.4	436.3	436.7	436.6	436.7	436.3
12.5°	434.5	434.5	434.2	435.5	436.2	435.5	434.2	434.5	434.5	434.5	434.2
13°	432.5	432.4	432.0	433.5	434.2	433.5	432.0	432.4	432.5	432.4	432.0
13.5°	430.4	430.1	429.8	431.6	432.2	431.6	429.8	430.1	430.4	430.1	429.8
14°	428.2	427.8	427.6	429.4	430.0	429.4	427.6	427.8	428.2	427.8	427.6
14.5°	426.0	425.4	425.3	427.2	427.9	427.2	425.3	425.4	426.0	425.4	425.3
15°	423.7	423.0	422.9	424.9	425.6	424.9	422.9	423.0	423.7	423.0	422.9
15.5°	421.3	420.5	420.5	422.6	423.3	422.6	420.5	420.5	421.3	420.5	420.5
16°	418.9	418.0	418.0	420.1	421.0	420.1	418.0	418.0	418.9	418.0	418.0
16.5°	416.4	415.3	415.3	417.4	418.6	417.4	415.3	415.3	416.4	415.3	415.3
17°	413.9	412.6	412.5	414.8	416.1	414.8	412.5	412.6	413.9	412.6	412.5
17.5°	411.1	409.8	409.7	411.9	413.6	411.9	409.7	409.8	411.1	409.8	409.7
18°	408.3	407.0	406.8	409.0	410.9	409.0	406.8	407.0	408.3	407.0	406.8
18.5°	405.3	404.0	403.8	406.1	408.1	406.1	403.8	404.0	405.3	404.0	403.8
19°	402.2	400.9	400.6	403.1	405.3	403.1	400.6	400.9	402.2	400.9	400.6
19.5°	399.0	397.7	397.4	400.0	402.3	400.0	397.4	397.7	399.0	397.7	397.4
20°	395.6	394.5	394.1	396.8	399.1	396.8	394.1	394.5	395.6	394.5	394.1
20.5°	392.2	391.1	390.7	393.4	395.6	393.4	390.7	391.1	392.2	391.1	390.7
21°	388.6	387.6	387.2	389.8	392.0	389.8	387.2	387.6	388.6	387.6	387.2
21.5°	384.9	384.0	383.6	386.2	388.2	386.2	383.6	384.0	384.9	384.0	383.6
22°	381.0	380.3	379.9	382.4	384.3	382.4	379.9	380.3	381.0	380.3	379.9

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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°	377.0	376.4	376.3	378.6	380.1	378.6	376.3	376.4	377.0	376.4	376.3
23°	372.9	372.5	372.5	374.6	376.0	374.6	372.5	372.5	372.9	372.5	372.5
23.5°	368.7	368.5	368.7	370.6	371.7	370.6	368.7	368.5	368.7	368.5	368.7
24°	364.3	364.5	364.9	366.5	367.2	366.5	364.9	364.5	364.3	364.5	364.9
24.5°	359.9	360.4	361.0	362.3	362.7	362.3	361.0	360.4	359.9	360.4	361.0
25°	355.4	356.1	356.9	358.0	358.1	358.0	356.9	356.1	355.4	356.1	356.9
25.5°	350.8	351.9	352.8	353.5	353.3	353.5	352.8	351.9	350.8	351.9	352.8
26°	346.2	347.5	348.6	349.0	348.4	349.0	348.6	347.5	346.2	347.5	348.6
26.5°	341.5	343.1	344.2	344.4	343.4	344.4	344.2	343.1	341.5	343.1	344.2
27°	336.7	338.5	339.8	339.7	338.4	339.7	339.8	338.5	336.7	338.5	339.8
27.5°	331.8	333.8	335.1	335.0	333.4	335.0	335.1	333.8	331.8	333.8	335.1
28°	326.9	329.0	330.3	330.0	328.1	330.0	330.3	329.0	326.9	329.0	330.3
28.5°	321.7	324.0	325.5	324.9	322.9	324.9	325.5	324.0	321.7	324.0	325.5
29°	316.6	319.0	320.4	319.7	317.5	319.7	320.4	319.0	316.6	319.0	320.4
29.5°	311.3	313.7	315.2	314.4	312.2	314.4	315.2	313.7	311.3	313.7	315.2
30°	305.9	308.4	309.8	308.9	306.5	308.9	309.8	308.4	305.9	308.4	309.8
30.5°	300.5	303.0	304.2	303.2	300.9	303.2	304.2	303.0	300.5	303.0	304.2
31°	295.0	297.4	298.6	297.4	295.0	297.4	298.6	297.4	295.0	297.4	298.6
31.5°	289.4	291.7	292.7	291.6	289.2	291.6	292.7	291.7	289.4	291.7	292.7
32°	283.7	285.7	286.6	285.6	283.3	285.6	286.6	285.7	283.7	285.7	286.6
32.5°	278.0	279.9	280.5	279.5	277.4	279.5	280.5	279.9	278.0	279.9	280.5
33°	272.1	273.7	274.1	273.3	271.4	273.3	274.1	273.7	272.1	273.7	274.1
33.5°	266.5	267.6	267.8	267.0	265.3	267.0	267.8	267.6	266.5	267.6	267.8
34°	260.3	261.3	261.2	260.7	259.2	260.7	261.2	261.3	260.3	261.3	261.2
34.5°	254.3	254.9	254.6	254.2	253.1	254.2	254.6	254.9	254.3	254.9	254.6
35°	248.2	248.3	247.8	247.6	246.9	247.6	247.8	248.3	248.2	248.3	247.8
35.5°	241.9	241.7	240.9	241.0	240.6	241.0	240.9	241.7	241.9	241.7	240.9
36°	235.3	235.0	233.9	234.3	234.3	234.3	233.9	235.0	235.3	235.0	233.9
36.5°	228.8	228.3	227.0	227.6	228.0	227.6	227.0	228.3	228.8	228.3	227.0
37°	222.2	221.4	219.9	220.9	221.3	220.9	219.9	221.4	222.2	221.4	219.9
37.5°	215.3	214.5	212.8	214.1	214.6	214.1	212.8	214.5	215.3	214.5	212.8
38°	208.4	207.5	205.9	207.2	207.4	207.2	205.9	207.5	208.4	207.5	205.9
38.5°	201.5	200.5	198.8	200.2	200.4	200.2	198.8	200.5	201.5	200.5	198.8
39°	194.4	193.2	191.9	193.2	193.5	193.2	191.9	193.2	194.4	193.2	191.9
39.5°	187.1	186.1	185.0	186.2	186.6	186.2	185.0	186.1	187.1	186.1	185.0
40°	179.8	179.2	178.1	179.2	179.7	179.2	178.1	179.2	179.8	179.2	178.1
40.5°	172.6	172.2	171.3	172.1	172.8	172.1	171.3	172.2	172.6	172.2	171.3
41°	165.3	165.3	164.4	165.1	165.7	165.1	164.4	165.3	165.3	165.3	164.4
41.5°	158.1	158.3	157.4	158.1	158.6	158.1	157.4	158.3	158.1	158.3	157.4
42°	151.0	151.3	150.6	151.2	151.5	151.2	150.6	151.3	151.0	151.3	150.6
42.5°	143.9	144.3	144.0	144.5	144.4	144.5	144.0	144.3	143.9	144.3	144.0
43°	137.0	137.3	137.4	137.8	137.3	137.8	137.4	137.3	137.0	137.3	137.4
43.5°	130.1	130.5	130.8	131.1	130.3	131.1	130.8	130.5	130.1	130.5	130.8
44°	123.3	123.6	124.2	124.5	123.5	124.5	124.2	123.6	123.3	123.6	124.2
44.5°	116.6	117.0	117.9	118.2	116.9	118.2	117.9	117.0	116.6	117.0	117.9

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	110.0	110.6	111.7	111.8	110.3	111.8	111.7	110.6	110.0	110.6	111.7
45.5°	103.5	104.3	105.5	105.4	104.0	105.4	105.5	104.3	103.5	104.3	105.5
46°	97.2	98.1	99.3	99.2	97.8	99.2	99.3	98.1	97.2	98.1	99.3
46.5°	91.0	92.1	93.3	93.2	91.8	93.2	93.3	92.1	91.0	92.1	93.3
47°	85.1	86.2	87.3	87.4	86.0	87.4	87.3	86.2	85.1	86.2	87.3
47.5°	79.3	80.4	81.5	81.6	80.4	81.6	81.5	80.4	79.3	80.4	81.5
48°	73.7	74.8	75.8	76.0	75.0	76.0	75.8	74.8	73.7	74.8	75.8
48.5°	68.4	69.4	70.2	70.6	69.8	70.6	70.2	69.4	68.4	69.4	70.2
49°	63.4	64.3	64.9	65.4	64.7	65.4	64.9	64.3	63.4	64.3	64.9
49.5°	58.7	59.4	59.9	60.4	60.0	60.4	59.9	59.4	58.7	59.4	59.9
50°	54.2	54.7	55.1	55.7	55.5	55.7	55.1	54.7	54.2	54.7	55.1
50.5°	49.7	50.1	50.4	51.1	51.1	51.1	50.4	50.1	49.7	50.1	50.4
51°	45.4	45.6	45.8	46.6	46.8	46.6	45.8	45.6	45.4	45.6	45.8
51.5°	41.6	41.4	41.4	42.4	42.7	42.4	41.4	41.4	41.6	41.4	41.4
52°	37.9	37.6	37.3	38.3	38.6	38.3	37.3	37.6	37.9	37.6	37.3
52.5°	34.4	33.9	33.5	34.6	34.9	34.6	33.5	33.9	34.4	33.9	33.5
53°	31.1	30.6	30.1	31.2	31.5	31.2	30.1	30.6	31.1	30.6	30.1
53.5°	28.1	27.5	26.9	28.0	28.2	28.0	26.9	27.5	28.1	27.5	26.9
54°	25.1	24.6	24.1	24.9	25.1	24.9	24.1	24.6	25.1	24.6	24.1
54.5°	22.4	21.9	21.4	22.1	22.3	22.1	21.4	21.9	22.4	21.9	21.4
55°	19.8	19.4	19.0	19.5	19.6	19.5	19.0	19.4	19.8	19.4	19.0
55.5°	17.4	17.0	16.8	17.1	17.1	17.1	16.8	17.0	17.4	17.0	16.8
56°	15.2	15.0	14.7	14.9	14.9	14.9	14.7	15.0	15.2	15.0	14.7
56.5°	13.2	13.1	12.7	12.9	12.9	12.9	12.7	13.1	13.2	13.1	12.7
57°	11.3	11.2	10.8	10.9	11.0	10.9	10.8	11.2	11.3	11.2	10.8
57.5°	9.4	9.4	9.0	9.0	9.1	9.0	9.0	9.4	9.4	9.4	9.0
58°	7.5	7.5	7.2	7.2	7.2	7.2	7.2	7.5	7.5	7.5	7.2
58.5°	5.8	5.9	5.5	5.5	5.5	5.5	5.5	5.9	5.8	5.9	5.5
59°	4.1	4.2	3.8	3.8	3.8	3.8	3.8	4.2	4.1	4.2	3.8
59.5°	2.9	2.9	2.4	2.4	2.5	2.4	2.4	2.9	2.9	2.9	2.4
60°	1.9	1.9	1.6	1.4	1.6	1.4	1.6	1.9	1.9	1.9	1.6
60.5°	1.2	1.3	1.1	1.0	1.3	1.0	1.1	1.3	1.2	1.3	1.1
61°	1.0	1.1	0.8	0.8	1.0	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	0.3	0.3	0.3	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	0.2	0.3	0.3	0.3	0.3	0.3	0.3
64°	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.2
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	0.1	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: P1590607

CATALOG NUMBER: HCDLS510CSD6TRH-LO-2700K

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	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1
70.5°	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0
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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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: P1590607

CATALOG NUMBER: HCDLS510CSD6TRH-LO-2700K

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: P1590607

CATALOG NUMBER: HCDLS510CSD6TRH-LO-2700K

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	0.0	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: P1590607

CATALOG NUMBER: HCDLS510CSD6TRH-LO-2700K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
135°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
135.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
136°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
136.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
137°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
137.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
138°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
138.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
139°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
139.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
140°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
140.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
141°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
141.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
142°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
142.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
143°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
143.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
144°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
144.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
145°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
145.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
146°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
146.5°	0.2	0.2	0.2	0.2	0.1	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: P1590607

CATALOG NUMBER: HCDLS510CSD6TRH-LO-2700K

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: P1590607
CATALOG NUMBER: HCDLS510CSD6TRH-LO-2700K

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: P1590607

CATALOG NUMBER: HCDLS510CSD6TRH-LO-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	460.2	460.2	460.2	460.2	460.2	460.2
0.5°	460.3	460.2	460.3	460.3	460.1	460.0
1°	460.2	460.1	460.2	460.2	460.0	459.9
1.5°	460.1	460.0	460.1	460.0	459.8	459.7
2°	459.9	459.8	459.9	459.8	459.5	459.4
2.5°	459.6	459.6	459.6	459.5	459.2	459.1
3°	459.2	459.4	459.2	459.1	458.8	458.7
3.5°	458.8	459.0	458.8	458.6	458.3	458.1
4°	458.3	458.6	458.3	458.0	457.8	457.6
4.5°	457.7	458.0	457.7	457.4	457.1	457.0
5°	457.0	457.4	457.0	456.7	456.4	456.2
5.5°	456.1	456.6	456.1	455.8	455.6	455.4
6°	455.1	455.7	455.1	454.9	454.7	454.5
6.5°	454.1	454.7	454.1	453.8	453.8	453.5
7°	452.9	453.6	452.9	452.7	452.7	452.5
7.5°	451.7	452.3	451.7	451.5	451.6	451.3
8°	450.3	451.0	450.3	450.2	450.4	450.1
8.5°	448.9	449.7	448.9	448.8	449.0	448.7
9°	447.5	448.2	447.5	447.3	447.6	447.2
9.5°	446.0	446.8	446.0	445.7	446.0	445.6
10°	444.3	445.2	444.3	443.9	444.4	444.0
10.5°	442.7	443.5	442.7	442.1	442.6	442.3
11°	441.0	441.8	441.0	440.2	440.7	440.4
11.5°	439.2	440.0	439.2	438.3	438.7	438.5
12°	437.4	438.1	437.4	436.3	436.7	436.6
12.5°	435.5	436.2	435.5	434.2	434.5	434.5
13°	433.5	434.2	433.5	432.0	432.4	432.5
13.5°	431.6	432.2	431.6	429.8	430.1	430.4
14°	429.4	430.0	429.4	427.6	427.8	428.2
14.5°	427.2	427.9	427.2	425.3	425.4	426.0
15°	424.9	425.6	424.9	422.9	423.0	423.7
15.5°	422.6	423.3	422.6	420.5	420.5	421.3
16°	420.1	421.0	420.1	418.0	418.0	418.9
16.5°	417.4	418.6	417.4	415.3	415.3	416.4
17°	414.8	416.1	414.8	412.5	412.6	413.9
17.5°	411.9	413.6	411.9	409.7	409.8	411.1
18°	409.0	410.9	409.0	406.8	407.0	408.3
18.5°	406.1	408.1	406.1	403.8	404.0	405.3
19°	403.1	405.3	403.1	400.6	400.9	402.2
19.5°	400.0	402.3	400.0	397.4	397.7	399.0
20°	396.8	399.1	396.8	394.1	394.5	395.6
20.5°	393.4	395.6	393.4	390.7	391.1	392.2
21°	389.8	392.0	389.8	387.2	387.6	388.6
21.5°	386.2	388.2	386.2	383.6	384.0	384.9
22°	382.4	384.3	382.4	379.9	380.3	381.0

TEST NUMBER: P1590607

CATALOG NUMBER: HCDLS510CSD6TRH-LO-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	378.6	380.1	378.6	376.3	376.4	377.0
23°	374.6	376.0	374.6	372.5	372.5	372.9
23.5°	370.6	371.7	370.6	368.7	368.5	368.7
24°	366.5	367.2	366.5	364.9	364.5	364.3
24.5°	362.3	362.7	362.3	361.0	360.4	359.9
25°	358.0	358.1	358.0	356.9	356.1	355.4
25.5°	353.5	353.3	353.5	352.8	351.9	350.8
26°	349.0	348.4	349.0	348.6	347.5	346.2
26.5°	344.4	343.4	344.4	344.2	343.1	341.5
27°	339.7	338.4	339.7	339.8	338.5	336.7
27.5°	335.0	333.4	335.0	335.1	333.8	331.8
28°	330.0	328.1	330.0	330.3	329.0	326.9
28.5°	324.9	322.9	324.9	325.5	324.0	321.7
29°	319.7	317.5	319.7	320.4	319.0	316.6
29.5°	314.4	312.2	314.4	315.2	313.7	311.3
30°	308.9	306.5	308.9	309.8	308.4	305.9
30.5°	303.2	300.9	303.2	304.2	303.0	300.5
31°	297.4	295.0	297.4	298.6	297.4	295.0
31.5°	291.6	289.2	291.6	292.7	291.7	289.4
32°	285.6	283.3	285.6	286.6	285.7	283.7
32.5°	279.5	277.4	279.5	280.5	279.9	278.0
33°	273.3	271.4	273.3	274.1	273.7	272.1
33.5°	267.0	265.3	267.0	267.8	267.6	266.5
34°	260.7	259.2	260.7	261.2	261.3	260.3
34.5°	254.2	253.1	254.2	254.6	254.9	254.3
35°	247.6	246.9	247.6	247.8	248.3	248.2
35.5°	241.0	240.6	241.0	240.9	241.7	241.9
36°	234.3	234.3	234.3	233.9	235.0	235.3
36.5°	227.6	228.0	227.6	227.0	228.3	228.8
37°	220.9	221.3	220.9	219.9	221.4	222.2
37.5°	214.1	214.6	214.1	212.8	214.5	215.3
38°	207.2	207.4	207.2	205.9	207.5	208.4
38.5°	200.2	200.4	200.2	198.8	200.5	201.5
39°	193.2	193.5	193.2	191.9	193.2	194.4
39.5°	186.2	186.6	186.2	185.0	186.1	187.1
40°	179.2	179.7	179.2	178.1	179.2	179.8
40.5°	172.1	172.8	172.1	171.3	172.2	172.6
41°	165.1	165.7	165.1	164.4	165.3	165.3
41.5°	158.1	158.6	158.1	157.4	158.3	158.1
42°	151.2	151.5	151.2	150.6	151.3	151.0
42.5°	144.5	144.4	144.5	144.0	144.3	143.9
43°	137.8	137.3	137.8	137.4	137.3	137.0
43.5°	131.1	130.3	131.1	130.8	130.5	130.1
44°	124.5	123.5	124.5	124.2	123.6	123.3
44.5°	118.2	116.9	118.2	117.9	117.0	116.6

TEST NUMBER: P1590607

CATALOG NUMBER: HCDLS510CSD6TRH-LO-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	111.8	110.3	111.8	111.7	110.6	110.0
45.5°	105.4	104.0	105.4	105.5	104.3	103.5
46°	99.2	97.8	99.2	99.3	98.1	97.2
46.5°	93.2	91.8	93.2	93.3	92.1	91.0
47°	87.4	86.0	87.4	87.3	86.2	85.1
47.5°	81.6	80.4	81.6	81.5	80.4	79.3
48°	76.0	75.0	76.0	75.8	74.8	73.7
48.5°	70.6	69.8	70.6	70.2	69.4	68.4
49°	65.4	64.7	65.4	64.9	64.3	63.4
49.5°	60.4	60.0	60.4	59.9	59.4	58.7
50°	55.7	55.5	55.7	55.1	54.7	54.2
50.5°	51.1	51.1	51.1	50.4	50.1	49.7
51°	46.6	46.8	46.6	45.8	45.6	45.4
51.5°	42.4	42.7	42.4	41.4	41.4	41.6
52°	38.3	38.6	38.3	37.3	37.6	37.9
52.5°	34.6	34.9	34.6	33.5	33.9	34.4
53°	31.2	31.5	31.2	30.1	30.6	31.1
53.5°	28.0	28.2	28.0	26.9	27.5	28.1
54°	24.9	25.1	24.9	24.1	24.6	25.1
54.5°	22.1	22.3	22.1	21.4	21.9	22.4
55°	19.5	19.6	19.5	19.0	19.4	19.8
55.5°	17.1	17.1	17.1	16.8	17.0	17.4
56°	14.9	14.9	14.9	14.7	15.0	15.2
56.5°	12.9	12.9	12.9	12.7	13.1	13.2
57°	10.9	11.0	10.9	10.8	11.2	11.3
57.5°	9.0	9.1	9.0	9.0	9.4	9.4
58°	7.2	7.2	7.2	7.2	7.5	7.5
58.5°	5.5	5.5	5.5	5.5	5.9	5.8
59°	3.8	3.8	3.8	3.8	4.2	4.1
59.5°	2.4	2.5	2.4	2.4	2.9	2.9
60°	1.4	1.6	1.4	1.6	1.9	1.9
60.5°	1.0	1.3	1.0	1.1	1.3	1.2
61°	0.8	1.0	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°	0.3	0.3	0.3	0.4	0.5	0.5
63°	0.3	0.3	0.3	0.3	0.4	0.4
63.5°	0.3	0.2	0.3	0.3	0.3	0.3
64°	0.2	0.2	0.2	0.2	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	0.1	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: P1590607

CATALOG NUMBER: HCDLS510CSD6TRH-LO-2700K

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°	0.0	0.0	0.0	0.1	0.1	0.1
70.5°	0.0	0.0	0.0	0.0	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	0.0
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: P1590607

CATALOG NUMBER: HCDLS510CSD6TRH-LO-2700K

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: P1590607

CATALOG NUMBER: HCDLS510CSD6TRH-LO-2700K

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	0.0	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: P1590607

CATALOG NUMBER: HCDLS510CSD6TRH-LO-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
135°	0.1	0.1	0.1	0.1	0.1	0.1
135.5°	0.1	0.1	0.1	0.1	0.1	0.1
136°	0.1	0.1	0.1	0.1	0.1	0.1
136.5°	0.1	0.1	0.1	0.1	0.1	0.1
137°	0.1	0.1	0.1	0.1	0.1	0.1
137.5°	0.1	0.1	0.1	0.1	0.1	0.1
138°	0.1	0.1	0.1	0.1	0.1	0.1
138.5°	0.1	0.1	0.1	0.1	0.1	0.1
139°	0.1	0.1	0.1	0.1	0.1	0.1
139.5°	0.1	0.1	0.1	0.1	0.1	0.1
140°	0.1	0.1	0.1	0.1	0.1	0.1
140.5°	0.1	0.1	0.1	0.1	0.1	0.1
141°	0.1	0.1	0.1	0.1	0.1	0.1
141.5°	0.1	0.1	0.1	0.1	0.1	0.1
142°	0.1	0.1	0.1	0.1	0.1	0.1
142.5°	0.1	0.1	0.1	0.1	0.1	0.1
143°	0.1	0.1	0.1	0.1	0.1	0.1
143.5°	0.1	0.1	0.1	0.1	0.1	0.1
144°	0.1	0.1	0.1	0.1	0.1	0.1
144.5°	0.1	0.1	0.1	0.1	0.1	0.1
145°	0.1	0.1	0.1	0.1	0.1	0.1
145.5°	0.1	0.1	0.1	0.1	0.1	0.1
146°	0.1	0.1	0.1	0.1	0.1	0.1
146.5°	0.2	0.1	0.2	0.2	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: P1590607

CATALOG NUMBER: HCDLS510CSD6TRH-LO-2700K

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: P1590607

CATALOG NUMBER: HCDLS510CSD6TRH-LO-2700K

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: P1590607

CATALOG NUMBER: HCDLS510CSD6TRH-LO-2700K

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	4.4	5.5	5.8	3.8	4.9	4.2	5.2	5.5
	3H	3.9	4.9	4.3	5.2	5.6	3.6	4.6	4.0	4.9	5.3
	4H	3.8	4.7	4.2	5.1	5.5	3.5	4.4	3.9	4.8	5.2
	6H	3.7	4.5	4.1	4.9	5.3	3.4	4.3	3.8	4.6	5.0
	8H	3.7	4.4	4.1	4.8	5.2	3.4	4.2	3.8	4.5	5.0
	12H	3.6	4.4	4.0	4.7	5.2	3.3	4.1	3.8	4.5	4.9
4H	2H	3.8	4.7	4.2	5.1	5.5	3.5	4.4	3.9	4.8	5.2
	3H	3.6	4.4	4.1	4.8	5.2	3.4	4.1	3.8	4.5	4.9
	4H	3.5	4.2	4.0	4.6	5.0	3.2	3.9	3.7	4.3	4.8
	6H	3.4	4.0	3.9	4.4	4.9	3.1	3.7	3.6	4.1	4.6
	8H	3.4	3.9	3.8	4.3	4.8	3.1	3.6	3.5	4.0	4.5
	12H	3.3	3.7	3.8	4.2	4.7	3.0	3.5	3.5	3.9	4.4
8H	4H	3.4	3.9	3.8	4.3	4.8	3.1	3.6	3.5	4.0	4.5
	6H	3.2	3.7	3.7	4.2	4.6	2.9	3.4	3.5	3.9	4.4
	8H	3.2	3.5	3.7	4.1	4.6	2.9	3.2	3.4	3.8	4.3
	12H	3.1	3.4	3.6	3.9	4.5	2.8	3.1	3.3	3.6	4.2
12H	4H	3.3	3.7	3.8	4.2	4.7	3.0	3.5	3.5	3.9	4.4
	6H	3.2	3.5	3.7	4.0	4.6	2.9	3.3	3.4	3.7	4.3
	8H	3.1	3.4	3.6	3.9	4.5	2.8	3.1	3.3	3.6	4.2

(END OF REPORT)