

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: P1590622

Luminaire Tested: HCDLS510CSD6TRMW-LO-2700K

Issue Date: 9/4/2026

Test Information

Test Method: LM-79-2019
Report Number: P1590622
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: HCDLS510CSD6TRMW-LO-2700K
Description: 6" Selectable Round Trim+Matte White (paintable) 500 Lumens 2700K

Light Source:
Ballast/Driver: -

Summary

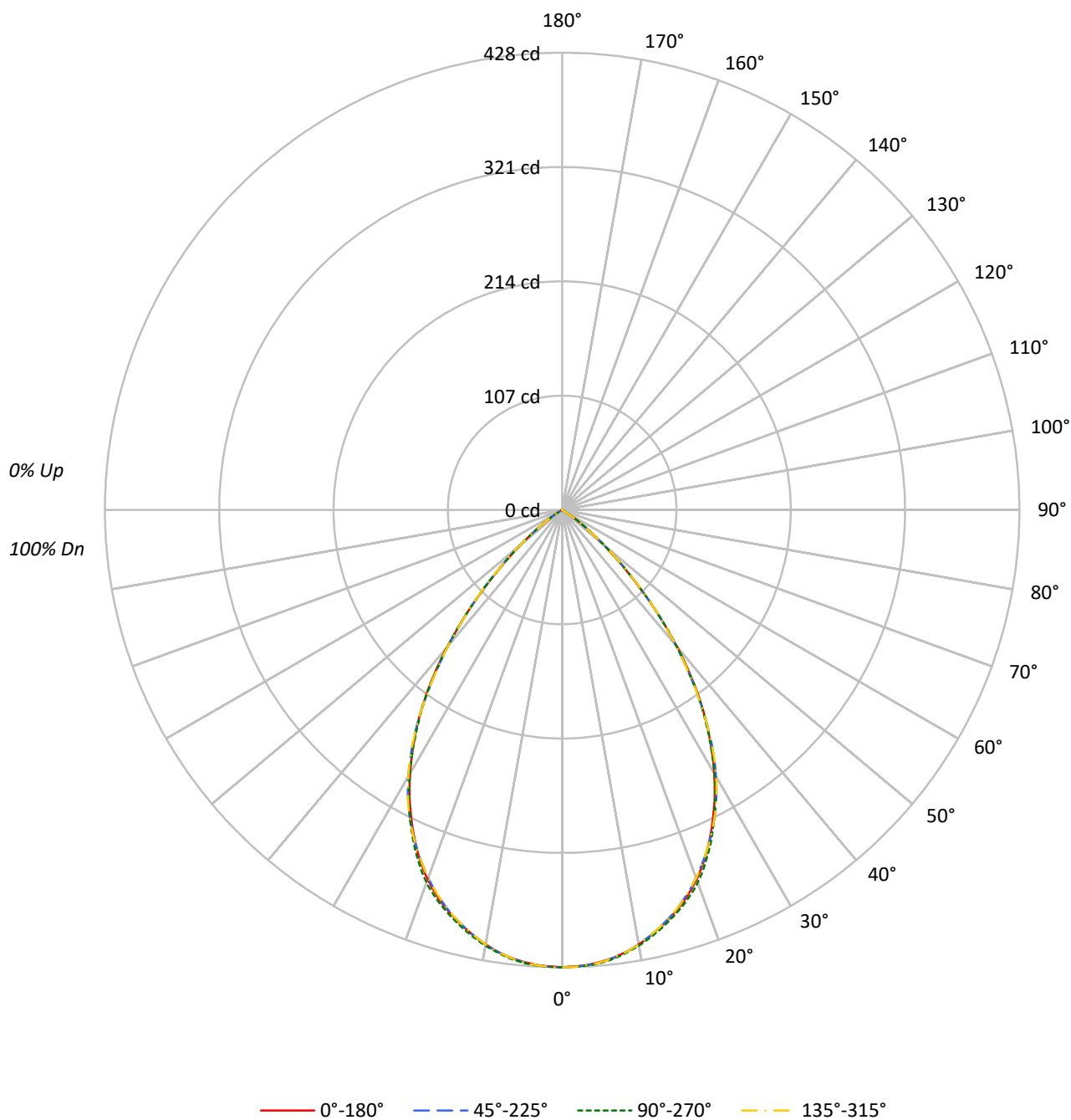
Lumens per Lamp: N/A
Luminaire Lumens: 544.0 lumens
Efficiency: N/A
Efficacy: 90.7 lumens/watt
Spacing Criteria (0/90/45): 1.05 / 1.05 / 1.06
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1590622

CATALOG NUMBER: HCDLS510CSD6TRMW-LO-2700K

Luminous Intensity Polar Plot



TEST NUMBER: P1590622

CATALOG NUMBER: HCDLS510CSD6TRMW-LO-2700K

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°	23463	23463	23463	23463
5°	23349	23410	23349	23410
10°	22984	23046	22984	23046
15°	22361	22463	22361	22463
20°	21463	21655	21463	21655
25°	19991	20142	19991	20142
30°	18009	18041	18009	18041
35°	15446	15366	15446	15366
40°	11965	11958	11965	11958
45°	7931	7954	7931	7954
50°	4298	4401	4298	4401
55°	1759	1739	1759	1739
60°	197	164	197	164
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: 8055 cd/sqm

TEST NUMBER: P1590622

CATALOG NUMBER: HCDLS510CSD6TRMW-LO-2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	40.2	7.4
10°-20°	110.7	20.4
20°-30°	151.8	27.9
30°-40°	142.4	26.2
40°-50°	80.1	14.7
50°-60°	18.2	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°	302.7	55.6
0°-40°	445.1	81.8
0°-60°	543.4	99.9
0°-90°	543.7	99.9
90°-120°	0.0	0.0
90°-150°	0.2	0.0
90°-180°	0.0	0.0
0°-180°	544.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	428	428	428	428	428	
5°	424	425	424	425	424	40
15°	394	396	394	396	394	111
25°	330	333	330	333	330	151
35°	231	230	231	230	231	142
45°	102	103	102	103	102	80
55°	18	18	18	18	18	18
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

TEST NUMBER: P1590622

CATALOG NUMBER: HCDLS510CSD6TRMW-LO-2700K

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	428.0	428.0	428.0	428.0	428.0	428.0	428.0	428.0	428.0	428.0	428.0
0.5°	427.8	427.9	428.1	428.1	428.0	428.1	428.1	427.9	427.8	427.9	428.1
1°	427.7	427.8	428.0	428.0	427.9	428.0	428.0	427.8	427.7	427.8	428.0
1.5°	427.5	427.6	427.8	427.9	427.8	427.9	427.8	427.6	427.5	427.6	427.8
2°	427.3	427.4	427.6	427.7	427.6	427.7	427.6	427.4	427.3	427.4	427.6
2.5°	426.9	427.1	427.3	427.4	427.4	427.4	427.3	427.1	426.9	427.1	427.3
3°	426.6	426.7	426.9	427.1	427.2	427.1	426.9	426.7	426.6	426.7	426.9
3.5°	426.1	426.2	426.5	426.7	426.8	426.7	426.5	426.2	426.1	426.2	426.5
4°	425.5	425.7	426.0	426.2	426.5	426.2	426.0	425.7	425.5	425.7	426.0
4.5°	425.0	425.1	425.4	425.6	425.9	425.6	425.4	425.1	425.0	425.1	425.4
5°	424.3	424.4	424.7	425.0	425.4	425.0	424.7	424.4	424.3	424.4	424.7
5.5°	423.6	423.7	423.9	424.2	424.6	424.2	423.9	423.7	423.6	423.7	423.9
6°	422.7	422.9	423.0	423.3	423.8	423.3	423.0	422.9	422.7	422.9	423.0
6.5°	421.8	422.0	422.1	422.3	422.8	422.3	422.1	422.0	421.8	422.0	422.1
7°	420.8	421.0	421.0	421.2	421.8	421.2	421.0	421.0	420.8	421.0	421.0
7.5°	419.7	420.0	419.9	420.0	420.6	420.0	419.9	420.0	419.7	420.0	419.9
8°	418.6	418.8	418.7	418.8	419.5	418.8	418.7	418.8	418.6	418.8	418.7
8.5°	417.3	417.6	417.4	417.5	418.2	417.5	417.4	417.6	417.3	417.6	417.4
9°	415.9	416.3	416.0	416.1	416.8	416.1	416.0	416.3	415.9	416.3	416.0
9.5°	414.4	414.8	414.5	414.7	415.5	414.7	414.5	414.8	414.4	414.8	414.5
10°	412.9	413.3	412.9	413.2	414.0	413.2	412.9	413.3	412.9	413.3	412.9
10.5°	411.3	411.6	411.2	411.7	412.5	411.7	411.2	411.6	411.3	411.6	411.2
11°	409.6	409.8	409.4	410.1	410.9	410.1	409.4	409.8	409.6	409.8	409.4
11.5°	407.8	408.0	407.6	408.5	409.2	408.5	407.6	408.0	407.8	408.0	407.6
12°	406.0	406.1	405.7	406.8	407.4	406.8	405.7	406.1	406.0	406.1	405.7
12.5°	404.1	404.1	403.8	405.0	405.6	405.0	403.8	404.1	404.1	404.1	403.8
13°	402.2	402.1	401.8	403.2	403.8	403.2	401.8	402.1	402.2	402.1	401.8
13.5°	400.2	400.0	399.8	401.4	401.9	401.4	399.8	400.0	400.2	400.0	399.8
14°	398.2	397.9	397.7	399.4	399.9	399.4	397.7	397.9	398.2	397.9	397.7
14.5°	396.2	395.6	395.5	397.3	397.9	397.3	395.5	395.6	396.2	395.6	395.5
15°	394.0	393.4	393.3	395.2	395.8	395.2	393.3	393.4	394.0	393.4	393.3
15.5°	391.8	391.1	391.0	393.0	393.7	393.0	391.0	391.1	391.8	391.1	391.0
16°	389.5	388.7	388.7	390.7	391.5	390.7	388.7	388.7	389.5	388.7	388.7
16.5°	387.3	386.2	386.3	388.2	389.3	388.2	386.3	386.2	387.3	386.2	386.3
17°	384.9	383.7	383.7	385.7	387.0	385.7	383.7	383.7	384.9	383.7	383.7
17.5°	382.4	381.1	381.0	383.1	384.6	383.1	381.0	381.1	382.4	381.1	381.0
18°	379.7	378.5	378.3	380.4	382.2	380.4	378.3	378.5	379.7	378.5	378.3
18.5°	376.9	375.7	375.5	377.7	379.6	377.7	375.5	375.7	376.9	375.7	375.5
19°	374.1	372.9	372.6	374.9	376.9	374.9	372.6	372.9	374.1	372.9	372.6
19.5°	371.0	369.9	369.5	372.0	374.2	372.0	369.5	369.9	371.0	369.9	369.5
20°	367.9	366.9	366.5	369.0	371.2	369.0	366.5	366.9	367.9	366.9	366.5
20.5°	364.7	363.7	363.4	365.9	367.9	365.9	363.4	363.7	364.7	363.7	363.4
21°	361.4	360.5	360.1	362.5	364.6	362.5	360.1	360.5	361.4	360.5	360.1
21.5°	358.0	357.1	356.7	359.2	361.1	359.2	356.7	357.1	358.0	357.1	356.7
22°	354.4	353.6	353.3	355.6	357.4	355.6	353.3	353.6	354.4	353.6	353.3

TEST NUMBER: P1590622

CATALOG NUMBER: HCDLS510CSD6TRMW-LO-2700K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
22.5°	350.6	350.0	349.9	352.1	353.5	352.1	349.9	350.0	350.6	350.0	349.9
23°	346.8	346.4	346.4	348.4	349.7	348.4	346.4	346.4	346.8	346.4	346.4
23.5°	342.8	342.7	342.9	344.6	345.7	344.6	342.9	342.7	342.8	342.7	342.9
24°	338.8	339.0	339.4	340.8	341.5	340.8	339.4	339.0	338.8	339.0	339.4
24.5°	334.7	335.1	335.7	336.9	337.3	336.9	335.7	335.1	334.7	335.1	335.7
25°	330.5	331.2	332.0	332.9	333.0	332.9	332.0	331.2	330.5	331.2	332.0
25.5°	326.3	327.3	328.1	328.8	328.5	328.8	328.1	327.3	326.3	327.3	328.1
26°	322.0	323.2	324.2	324.6	324.1	324.6	324.2	323.2	322.0	323.2	324.2
26.5°	317.6	319.1	320.1	320.3	319.4	320.3	320.1	319.1	317.6	319.1	320.1
27°	313.1	314.8	316.0	315.9	314.7	315.9	316.0	314.8	313.1	314.8	316.0
27.5°	308.6	310.4	311.7	311.5	310.0	311.5	311.7	310.4	308.6	310.4	311.7
28°	304.0	305.9	307.2	306.9	305.1	306.9	307.2	305.9	304.0	305.9	307.2
28.5°	299.2	301.3	302.7	302.2	300.3	302.2	302.7	301.3	299.2	301.3	302.7
29°	294.4	296.6	298.0	297.3	295.3	297.3	298.0	296.6	294.4	296.6	298.0
29.5°	289.5	291.8	293.2	292.4	290.3	292.4	293.2	291.8	289.5	291.8	293.2
30°	284.5	286.8	288.1	287.3	285.0	287.3	288.1	286.8	284.5	286.8	288.1
30.5°	279.5	281.7	282.9	282.0	279.8	282.0	282.9	281.7	279.5	281.7	282.9
31°	274.3	276.6	277.7	276.6	274.4	276.6	277.7	276.6	274.3	276.6	277.7
31.5°	269.1	271.2	272.2	271.2	269.0	271.2	272.2	271.2	269.1	271.2	272.2
32°	263.8	265.7	266.5	265.6	263.5	265.6	266.5	265.7	263.8	265.7	266.5
32.5°	258.5	260.3	260.8	259.9	258.0	259.9	260.8	260.3	258.5	260.3	260.8
33°	253.1	254.6	255.0	254.2	252.4	254.2	255.0	254.6	253.1	254.6	255.0
33.5°	247.8	248.9	249.0	248.3	246.7	248.3	249.0	248.9	247.8	248.9	249.0
34°	242.1	243.0	242.9	242.5	241.1	242.5	242.9	243.0	242.1	243.0	242.9
34.5°	236.5	237.1	236.8	236.4	235.4	236.4	236.8	237.1	236.5	237.1	236.8
35°	230.8	230.9	230.4	230.3	229.6	230.3	230.4	230.9	230.8	230.9	230.4
35.5°	225.0	224.8	224.1	224.1	223.8	224.1	224.1	224.8	225.0	224.8	224.1
36°	218.9	218.5	217.6	217.9	217.9	217.9	217.6	218.5	218.9	218.5	217.6
36.5°	212.8	212.3	211.1	211.6	212.0	211.6	211.1	212.3	212.8	212.3	211.1
37°	206.6	205.9	204.5	205.4	205.9	205.4	204.5	205.9	206.6	205.9	204.5
37.5°	200.3	199.4	197.9	199.1	199.5	199.1	197.9	199.4	200.3	199.4	197.9
38°	193.8	192.9	191.4	192.7	192.9	192.7	191.4	192.9	193.8	192.9	191.4
38.5°	187.4	186.5	184.9	186.2	186.4	186.2	184.9	186.5	187.4	186.5	184.9
39°	180.8	179.6	178.5	179.7	179.9	179.7	178.5	179.6	180.8	179.6	178.5
39.5°	174.0	173.1	172.1	173.2	173.5	173.2	172.1	173.1	174.0	173.1	172.1
40°	167.2	166.6	165.7	166.6	167.1	166.6	165.7	166.6	167.2	166.6	165.7
40.5°	160.5	160.2	159.3	160.1	160.7	160.1	159.3	160.2	160.5	160.2	159.3
41°	153.8	153.7	152.9	153.5	154.1	153.5	152.9	153.7	153.8	153.7	152.9
41.5°	147.1	147.2	146.4	147.0	147.5	147.0	146.4	147.2	147.1	147.2	146.4
42°	140.4	140.7	140.1	140.6	140.9	140.6	140.1	140.7	140.4	140.7	140.1
42.5°	133.8	134.2	133.9	134.4	134.3	134.4	133.9	134.2	133.8	134.2	133.9
43°	127.4	127.7	127.7	128.1	127.7	128.1	127.7	127.7	127.4	127.7	127.7
43.5°	121.0	121.3	121.6	121.9	121.2	121.9	121.6	121.3	121.0	121.3	121.6
44°	114.7	114.9	115.5	115.8	114.8	115.8	115.5	114.9	114.7	114.9	115.5
44.5°	108.4	108.8	109.7	110.0	108.7	110.0	109.7	108.8	108.4	108.8	109.7

TEST NUMBER: P1590622

CATALOG NUMBER: HCDLS510CSD6TRMW-LO-2700K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	102.3	102.8	103.9	103.9	102.6	103.9	103.9	102.8	102.3	102.8	103.9
45.5°	96.3	97.0	98.1	98.0	96.7	98.0	98.1	97.0	96.3	97.0	98.1
46°	90.4	91.2	92.4	92.3	90.9	92.3	92.4	91.2	90.4	91.2	92.4
46.5°	84.7	85.6	86.7	86.7	85.4	86.7	86.7	85.6	84.7	85.6	86.7
47°	79.1	80.1	81.2	81.2	80.0	81.2	81.2	80.1	79.1	80.1	81.2
47.5°	73.8	74.8	75.8	75.9	74.8	75.9	75.8	74.8	73.8	74.8	75.8
48°	68.5	69.6	70.5	70.7	69.7	70.7	70.5	69.6	68.5	69.6	70.5
48.5°	63.6	64.6	65.3	65.7	64.9	65.7	65.3	64.6	63.6	64.6	65.3
49°	59.0	59.8	60.4	60.8	60.2	60.8	60.4	59.8	59.0	59.8	60.4
49.5°	54.6	55.2	55.7	56.2	55.8	56.2	55.7	55.2	54.6	55.2	55.7
50°	50.4	50.9	51.3	51.8	51.6	51.8	51.3	50.9	50.4	50.9	51.3
50.5°	46.2	46.6	46.9	47.5	47.6	47.5	46.9	46.6	46.2	46.6	46.9
51°	42.3	42.4	42.6	43.3	43.6	43.3	42.6	42.4	42.3	42.4	42.6
51.5°	38.7	38.5	38.5	39.4	39.7	39.4	38.5	38.5	38.7	38.5	38.5
52°	35.2	34.9	34.7	35.6	35.9	35.6	34.7	34.9	35.2	34.9	34.7
52.5°	32.0	31.6	31.2	32.2	32.5	32.2	31.2	31.6	32.0	31.6	31.2
53°	29.0	28.4	28.0	29.0	29.3	29.0	28.0	28.4	29.0	28.4	28.0
53.5°	26.1	25.5	25.0	26.0	26.2	26.0	25.0	25.5	26.1	25.5	25.0
54°	23.3	22.8	22.4	23.2	23.4	23.2	22.4	22.8	23.3	22.8	22.4
54.5°	20.8	20.3	19.9	20.6	20.7	20.6	19.9	20.3	20.8	20.3	19.9
55°	18.4	18.0	17.6	18.1	18.2	18.1	17.6	18.0	18.4	18.0	17.6
55.5°	16.1	15.8	15.6	15.9	15.9	15.9	15.6	15.8	16.1	15.8	15.6
56°	14.2	13.9	13.6	13.9	13.9	13.9	13.6	13.9	14.2	13.9	13.6
56.5°	12.3	12.1	11.8	12.0	12.0	12.0	11.8	12.1	12.3	12.1	11.8
57°	10.5	10.4	10.1	10.1	10.2	10.1	10.1	10.4	10.5	10.4	10.1
57.5°	8.7	8.7	8.3	8.3	8.4	8.3	8.3	8.7	8.7	8.7	8.3
58°	7.0	7.0	6.7	6.7	6.7	6.7	6.7	7.0	7.0	7.0	6.7
58.5°	5.4	5.5	5.1	5.1	5.1	5.1	5.1	5.5	5.4	5.5	5.1
59°	3.8	3.9	3.5	3.5	3.5	3.5	3.5	3.9	3.8	3.9	3.5
59.5°	2.7	2.7	2.2	2.2	2.4	2.2	2.2	2.7	2.7	2.7	2.2
60°	1.8	1.8	1.5	1.3	1.5	1.3	1.5	1.8	1.8	1.8	1.5
60.5°	1.1	1.2	1.0	0.9	1.2	0.9	1.0	1.2	1.1	1.2	1.0
61°	0.9	1.0	0.8	0.7	1.0	0.7	0.8	1.0	0.9	1.0	0.8
61.5°	0.8	0.8	0.6	0.6	0.7	0.6	0.6	0.8	0.8	0.8	0.6
62°	0.6	0.6	0.5	0.4	0.5	0.4	0.5	0.6	0.6	0.6	0.5
62.5°	0.4	0.5	0.4	0.3	0.3	0.3	0.4	0.5	0.4	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	0.2	0.2	0.2	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°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	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	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2
66°	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1
66.5°	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	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: P1590622

CATALOG NUMBER: HCDLS510CSD6TRMW-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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	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: P1590622

CATALOG NUMBER: HCDLS510CSD6TRMW-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: P1590622

CATALOG NUMBER: HCDLS510CSD6TRMW-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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: P1590622

CATALOG NUMBER: HCDLS510CSD6TRMW-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°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
147°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
147.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
148°	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1
148.5°	0.2	0.2	0.2	0.2	0.1	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: P1590622

CATALOG NUMBER: HCDLS510CSD6TRMW-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: P1590622
CATALOG NUMBER: HCDLS510CSD6TRMW-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: P1590622

CATALOG NUMBER: HCDLS510CSD6TRMW-LO-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	428.0	428.0	428.0	428.0	428.0	428.0
0.5°	428.1	428.0	428.1	428.1	427.9	427.8
1°	428.0	427.9	428.0	428.0	427.8	427.7
1.5°	427.9	427.8	427.9	427.8	427.6	427.5
2°	427.7	427.6	427.7	427.6	427.4	427.3
2.5°	427.4	427.4	427.4	427.3	427.1	426.9
3°	427.1	427.2	427.1	426.9	426.7	426.6
3.5°	426.7	426.8	426.7	426.5	426.2	426.1
4°	426.2	426.5	426.2	426.0	425.7	425.5
4.5°	425.6	425.9	425.6	425.4	425.1	425.0
5°	425.0	425.4	425.0	424.7	424.4	424.3
5.5°	424.2	424.6	424.2	423.9	423.7	423.6
6°	423.3	423.8	423.3	423.0	422.9	422.7
6.5°	422.3	422.8	422.3	422.1	422.0	421.8
7°	421.2	421.8	421.2	421.0	421.0	420.8
7.5°	420.0	420.6	420.0	419.9	420.0	419.7
8°	418.8	419.5	418.8	418.7	418.8	418.6
8.5°	417.5	418.2	417.5	417.4	417.6	417.3
9°	416.1	416.8	416.1	416.0	416.3	415.9
9.5°	414.7	415.5	414.7	414.5	414.8	414.4
10°	413.2	414.0	413.2	412.9	413.3	412.9
10.5°	411.7	412.5	411.7	411.2	411.6	411.3
11°	410.1	410.9	410.1	409.4	409.8	409.6
11.5°	408.5	409.2	408.5	407.6	408.0	407.8
12°	406.8	407.4	406.8	405.7	406.1	406.0
12.5°	405.0	405.6	405.0	403.8	404.1	404.1
13°	403.2	403.8	403.2	401.8	402.1	402.2
13.5°	401.4	401.9	401.4	399.8	400.0	400.2
14°	399.4	399.9	399.4	397.7	397.9	398.2
14.5°	397.3	397.9	397.3	395.5	395.6	396.2
15°	395.2	395.8	395.2	393.3	393.4	394.0
15.5°	393.0	393.7	393.0	391.0	391.1	391.8
16°	390.7	391.5	390.7	388.7	388.7	389.5
16.5°	388.2	389.3	388.2	386.3	386.2	387.3
17°	385.7	387.0	385.7	383.7	383.7	384.9
17.5°	383.1	384.6	383.1	381.0	381.1	382.4
18°	380.4	382.2	380.4	378.3	378.5	379.7
18.5°	377.7	379.6	377.7	375.5	375.7	376.9
19°	374.9	376.9	374.9	372.6	372.9	374.1
19.5°	372.0	374.2	372.0	369.5	369.9	371.0
20°	369.0	371.2	369.0	366.5	366.9	367.9
20.5°	365.9	367.9	365.9	363.4	363.7	364.7
21°	362.5	364.6	362.5	360.1	360.5	361.4
21.5°	359.2	361.1	359.2	356.7	357.1	358.0
22°	355.6	357.4	355.6	353.3	353.6	354.4

TEST NUMBER: P1590622

CATALOG NUMBER: HCDLS510CSD6TRMW-LO-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	352.1	353.5	352.1	349.9	350.0	350.6
23°	348.4	349.7	348.4	346.4	346.4	346.8
23.5°	344.6	345.7	344.6	342.9	342.7	342.8
24°	340.8	341.5	340.8	339.4	339.0	338.8
24.5°	336.9	337.3	336.9	335.7	335.1	334.7
25°	332.9	333.0	332.9	332.0	331.2	330.5
25.5°	328.8	328.5	328.8	328.1	327.3	326.3
26°	324.6	324.1	324.6	324.2	323.2	322.0
26.5°	320.3	319.4	320.3	320.1	319.1	317.6
27°	315.9	314.7	315.9	316.0	314.8	313.1
27.5°	311.5	310.0	311.5	311.7	310.4	308.6
28°	306.9	305.1	306.9	307.2	305.9	304.0
28.5°	302.2	300.3	302.2	302.7	301.3	299.2
29°	297.3	295.3	297.3	298.0	296.6	294.4
29.5°	292.4	290.3	292.4	293.2	291.8	289.5
30°	287.3	285.0	287.3	288.1	286.8	284.5
30.5°	282.0	279.8	282.0	282.9	281.7	279.5
31°	276.6	274.4	276.6	277.7	276.6	274.3
31.5°	271.2	269.0	271.2	272.2	271.2	269.1
32°	265.6	263.5	265.6	266.5	265.7	263.8
32.5°	259.9	258.0	259.9	260.8	260.3	258.5
33°	254.2	252.4	254.2	255.0	254.6	253.1
33.5°	248.3	246.7	248.3	249.0	248.9	247.8
34°	242.5	241.1	242.5	242.9	243.0	242.1
34.5°	236.4	235.4	236.4	236.8	237.1	236.5
35°	230.3	229.6	230.3	230.4	230.9	230.8
35.5°	224.1	223.8	224.1	224.1	224.8	225.0
36°	217.9	217.9	217.9	217.6	218.5	218.9
36.5°	211.6	212.0	211.6	211.1	212.3	212.8
37°	205.4	205.9	205.4	204.5	205.9	206.6
37.5°	199.1	199.5	199.1	197.9	199.4	200.3
38°	192.7	192.9	192.7	191.4	192.9	193.8
38.5°	186.2	186.4	186.2	184.9	186.5	187.4
39°	179.7	179.9	179.7	178.5	179.6	180.8
39.5°	173.2	173.5	173.2	172.1	173.1	174.0
40°	166.6	167.1	166.6	165.7	166.6	167.2
40.5°	160.1	160.7	160.1	159.3	160.2	160.5
41°	153.5	154.1	153.5	152.9	153.7	153.8
41.5°	147.0	147.5	147.0	146.4	147.2	147.1
42°	140.6	140.9	140.6	140.1	140.7	140.4
42.5°	134.4	134.3	134.4	133.9	134.2	133.8
43°	128.1	127.7	128.1	127.7	127.7	127.4
43.5°	121.9	121.2	121.9	121.6	121.3	121.0
44°	115.8	114.8	115.8	115.5	114.9	114.7
44.5°	110.0	108.7	110.0	109.7	108.8	108.4

TEST NUMBER: P1590622

CATALOG NUMBER: HCDLS510CSD6TRMW-LO-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	103.9	102.6	103.9	103.9	102.8	102.3
45.5°	98.0	96.7	98.0	98.1	97.0	96.3
46°	92.3	90.9	92.3	92.4	91.2	90.4
46.5°	86.7	85.4	86.7	86.7	85.6	84.7
47°	81.2	80.0	81.2	81.2	80.1	79.1
47.5°	75.9	74.8	75.9	75.8	74.8	73.8
48°	70.7	69.7	70.7	70.5	69.6	68.5
48.5°	65.7	64.9	65.7	65.3	64.6	63.6
49°	60.8	60.2	60.8	60.4	59.8	59.0
49.5°	56.2	55.8	56.2	55.7	55.2	54.6
50°	51.8	51.6	51.8	51.3	50.9	50.4
50.5°	47.5	47.6	47.5	46.9	46.6	46.2
51°	43.3	43.6	43.3	42.6	42.4	42.3
51.5°	39.4	39.7	39.4	38.5	38.5	38.7
52°	35.6	35.9	35.6	34.7	34.9	35.2
52.5°	32.2	32.5	32.2	31.2	31.6	32.0
53°	29.0	29.3	29.0	28.0	28.4	29.0
53.5°	26.0	26.2	26.0	25.0	25.5	26.1
54°	23.2	23.4	23.2	22.4	22.8	23.3
54.5°	20.6	20.7	20.6	19.9	20.3	20.8
55°	18.1	18.2	18.1	17.6	18.0	18.4
55.5°	15.9	15.9	15.9	15.6	15.8	16.1
56°	13.9	13.9	13.9	13.6	13.9	14.2
56.5°	12.0	12.0	12.0	11.8	12.1	12.3
57°	10.1	10.2	10.1	10.1	10.4	10.5
57.5°	8.3	8.4	8.3	8.3	8.7	8.7
58°	6.7	6.7	6.7	6.7	7.0	7.0
58.5°	5.1	5.1	5.1	5.1	5.5	5.4
59°	3.5	3.5	3.5	3.5	3.9	3.8
59.5°	2.2	2.4	2.2	2.2	2.7	2.7
60°	1.3	1.5	1.3	1.5	1.8	1.8
60.5°	0.9	1.2	0.9	1.0	1.2	1.1
61°	0.7	1.0	0.7	0.8	1.0	0.9
61.5°	0.6	0.7	0.6	0.6	0.8	0.8
62°	0.4	0.5	0.4	0.5	0.6	0.6
62.5°	0.3	0.3	0.3	0.4	0.5	0.4
63°	0.3	0.3	0.3	0.3	0.4	0.4
63.5°	0.2	0.2	0.2	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	0.2	0.2
65°	0.2	0.2	0.2	0.2	0.2	0.2
65.5°	0.1	0.1	0.1	0.2	0.2	0.2
66°	0.1	0.1	0.1	0.1	0.2	0.2
66.5°	0.1	0.1	0.1	0.1	0.1	0.2
67°	0.1	0.1	0.1	0.1	0.1	0.1

TEST NUMBER: P1590622

CATALOG NUMBER: HCDLS510CSD6TRMW-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	0.0	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: P1590622

CATALOG NUMBER: HCDLS510CSD6TRMW-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: P1590622

CATALOG NUMBER: HCDLS510CSD6TRMW-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°	0.0	0.0	0.0	0.0	0.0	0.0
129.5°	0.0	0.0	0.0	0.0	0.0	0.0
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: P1590622

CATALOG NUMBER: HCDLS510CSD6TRMW-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°	0.1	0.1	0.1	0.1	0.1	0.1
147°	0.1	0.1	0.1	0.1	0.1	0.1
147.5°	0.1	0.1	0.1	0.1	0.1	0.1
148°	0.1	0.1	0.1	0.1	0.1	0.2
148.5°	0.2	0.1	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: P1590622

CATALOG NUMBER: HCDLS510CSD6TRMW-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: P1590622

CATALOG NUMBER: HCDLS510CSD6TRMW-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: P1590622

CATALOG NUMBER: HCDLS510CSD6TRMW-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	3.8	4.9	4.2	5.2	5.6	3.5	4.6	3.9	4.9	5.2
	3H	3.6	4.6	4.0	5.0	5.3	3.3	4.3	3.7	4.6	5.0
	4H	3.5	4.5	4.0	4.8	5.2	3.2	4.1	3.6	4.5	4.9
	6H	3.4	4.3	3.9	4.7	5.0	3.1	4.0	3.6	4.3	4.7
	8H	3.4	4.2	3.8	4.6	5.0	3.1	3.9	3.5	4.3	4.7
	12H	3.3	4.1	3.8	4.5	4.9	3.0	3.8	3.5	4.2	4.6
4H	2H	3.5	4.5	4.0	4.8	5.2	3.2	4.1	3.6	4.5	4.9
	3H	3.4	4.1	3.8	4.5	4.9	3.1	3.8	3.5	4.2	4.6
	4H	3.3	3.9	3.7	4.3	4.8	3.0	3.6	3.4	4.0	4.5
	6H	3.2	3.7	3.6	4.2	4.6	2.9	3.4	3.3	3.9	4.3
	8H	3.1	3.6	3.6	4.1	4.5	2.8	3.3	3.3	3.7	4.2
	12H	3.0	3.5	3.5	4.0	4.4	2.7	3.2	3.2	3.7	4.1
8H	4H	3.1	3.6	3.6	4.1	4.5	2.8	3.3	3.3	3.7	4.2
	6H	3.0	3.4	3.5	3.9	4.4	2.7	3.1	3.2	3.6	4.1
	8H	2.9	3.3	3.4	3.8	4.3	2.6	3.0	3.1	3.5	4.0
	12H	2.8	3.2	3.4	3.7	4.2	2.5	2.9	3.0	3.4	3.9
12H	4H	3.0	3.5	3.5	4.0	4.4	2.7	3.2	3.2	3.7	4.1
	6H	2.9	3.3	3.4	3.7	4.3	2.6	3.0	3.1	3.4	4.0
	8H	2.8	3.2	3.4	3.7	4.2	2.5	2.9	3.0	3.4	3.9

(END OF REPORT)