

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: P1590611

Luminaire Tested: HCDLS510CSD6TRH-LO-5000K

Issue Date: 9/4/2026

Test Information

Test Method: LM-79-2019
Report Number: P1590611
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-5000K
Description: 6" Selectable Round Trim+ Haze (Semi-specular) 500 Lumens 5000K

Light Source:
Ballast/Driver: -

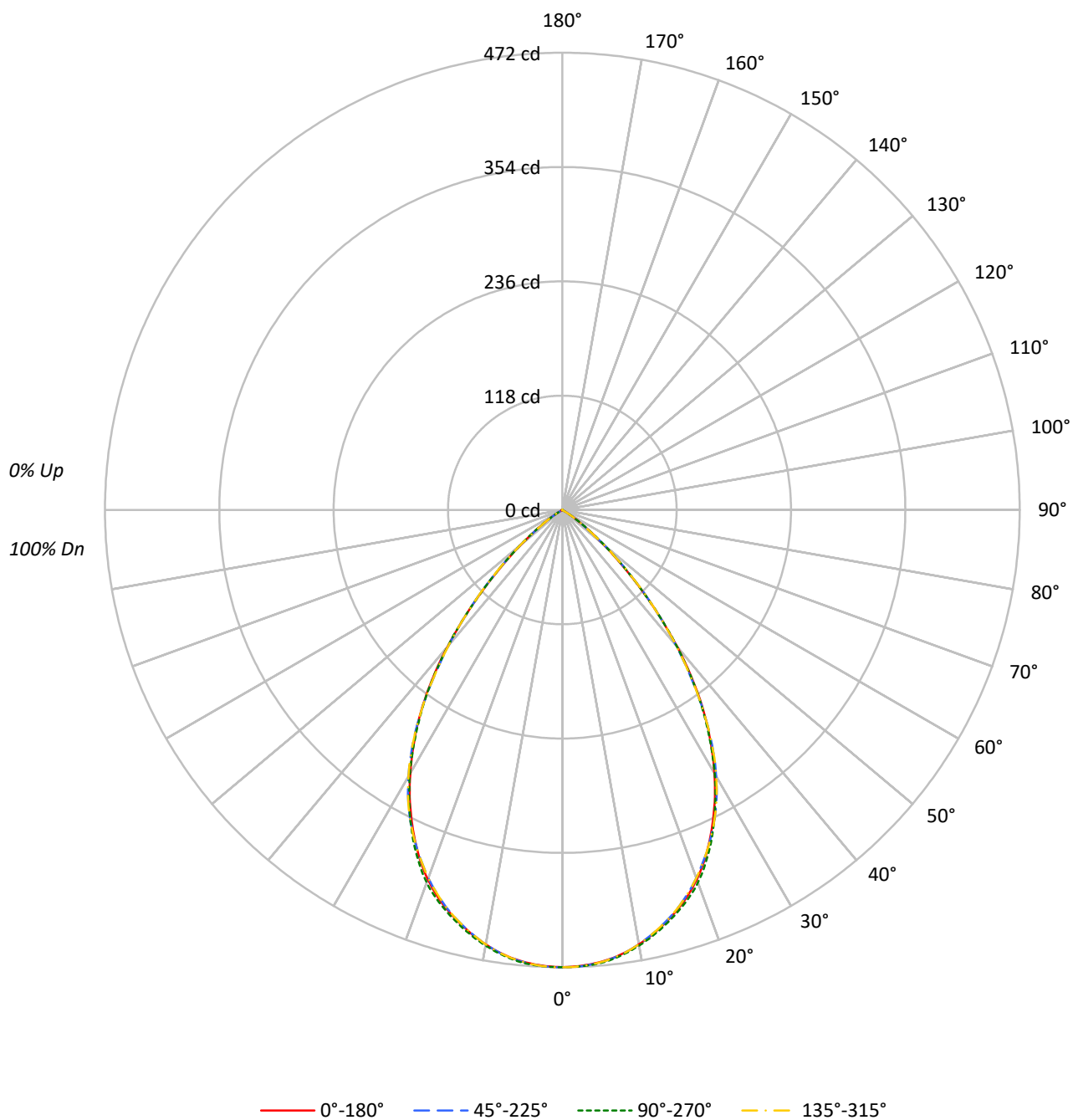
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 600.0 lumens
Efficiency: N/A
Efficacy: 100.0 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: 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°	25875	25875	25875	25875
5°	25748	25814	25748	25814
10°	25350	25417	25350	25417
15°	24660	24773	24660	24773
20°	23674	23884	23674	23884
25°	22048	22217	22048	22217
30°	19857	19902	19857	19902
35°	17032	16945	17032	16945
40°	13196	13189	13196	13189
45°	8753	8776	8753	8776
50°	4742	4853	4742	4853
55°	1940	1921	1940	1921
60°	219	175	219	175
65°	26	26	26	26
70°	16	0	16	0
75°	0	0	0	0
80°	0	0	0	0
85°	0	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 8885 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	44.3	7.4
10°-20°	122.1	20.4
20°-30°	167.4	27.9
30°-40°	157.0	26.2
40°-50°	88.3	14.7
50°-60°	20.1	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°	333.8	55.6
0°-40°	490.8	81.8
0°-60°	599.3	99.9
0°-90°	599.6	99.9
90°-120°	0.0	0.0
90°-150°	0.2	0.0
90°-180°	0.0	0.0
0°-180°	600.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	472	472	472	472	472	
5°	468	469	468	469	468	44
15°	434	436	434	436	434	122
25°	364	367	364	367	364	167
35°	254	253	254	253	254	157
45°	113	113	113	113	113	88
55°	20	20	20	20	20	20
65°	0	0	0	0	0	0
75°	0	0	0	0	0	0
85°	0	0	0	0	0	0
90°	0	0	0	0	0	0
95°	0	0	0	0	0	0
105°	0	0	0	0	0	0
115°	0	0	0	0	0	0
125°	0	0	0	0	0	0
135°	0	0	0	0	0	0
145°	0	0	0	0	0	0
155°	0	0	0	0	0	0
165°	0	0	0	0	0	0
175°	0	0	0	0	0	0
180°	0	0	0	0	0	0

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	472.0	472.0	472.0	472.0	472.0	472.0	472.0	472.0	472.0	472.0	472.0
0.5°	471.8	471.9	472.1	472.1	472.0	472.1	472.1	471.9	471.8	471.9	472.1
1°	471.7	471.8	472.0	472.0	471.9	472.0	472.0	471.8	471.7	471.8	472.0
1.5°	471.5	471.6	471.8	471.9	471.8	471.9	471.8	471.6	471.5	471.6	471.8
2°	471.2	471.3	471.6	471.7	471.6	471.7	471.6	471.3	471.2	471.3	471.6
2.5°	470.8	471.0	471.3	471.4	471.4	471.4	471.3	471.0	470.8	471.0	471.3
3°	470.4	470.5	470.9	471.0	471.1	471.0	470.9	470.5	470.4	470.5	470.9
3.5°	469.9	470.0	470.3	470.6	470.7	470.6	470.3	470.0	469.9	470.0	470.3
4°	469.3	469.5	469.8	470.0	470.3	470.0	469.8	469.5	469.3	469.5	469.8
4.5°	468.7	468.8	469.1	469.4	469.7	469.4	469.1	468.8	468.7	468.8	469.1
5°	467.9	468.1	468.4	468.7	469.1	468.7	468.4	468.1	467.9	468.1	468.4
5.5°	467.1	467.3	467.5	467.8	468.3	467.8	467.5	467.3	467.1	467.3	467.5
6°	466.2	466.4	466.5	466.8	467.4	466.8	466.5	466.4	466.2	466.4	466.5
6.5°	465.2	465.4	465.5	465.7	466.3	465.7	465.5	465.4	465.2	465.4	465.5
7°	464.1	464.3	464.3	464.5	465.2	464.5	464.3	464.3	464.1	464.3	464.3
7.5°	462.9	463.2	463.1	463.2	463.9	463.2	463.1	463.2	462.9	463.2	463.1
8°	461.6	461.9	461.7	461.9	462.6	461.9	461.7	461.9	461.6	461.9	461.7
8.5°	460.2	460.6	460.3	460.5	461.2	460.5	460.3	460.6	460.2	460.6	460.3
9°	458.7	459.1	458.7	458.9	459.7	458.9	458.7	459.1	458.7	459.1	458.7
9.5°	457.1	457.5	457.1	457.4	458.2	457.4	457.1	457.5	457.1	457.5	457.1
10°	455.4	455.8	455.3	455.7	456.6	455.7	455.3	455.8	455.4	455.8	455.3
10.5°	453.6	453.9	453.5	454.1	454.9	454.1	453.5	453.9	453.6	453.9	453.5
11°	451.7	452.0	451.5	452.3	453.1	452.3	451.5	452.0	451.7	452.0	451.5
11.5°	449.8	450.0	449.5	450.5	451.3	450.5	449.5	450.0	449.8	450.0	449.5
12°	447.8	447.9	447.4	448.6	449.3	448.6	447.4	447.9	447.8	447.9	447.4
12.5°	445.7	445.7	445.3	446.7	447.3	446.7	445.3	445.7	445.7	445.7	445.3
13°	443.6	443.5	443.1	444.7	445.4	444.7	443.1	443.5	443.6	443.5	443.1
13.5°	441.4	441.1	440.9	442.6	443.3	442.6	440.9	441.1	441.4	441.1	440.9
14°	439.2	438.8	438.6	440.4	441.0	440.4	438.6	438.8	439.2	438.8	438.6
14.5°	436.9	436.3	436.2	438.2	438.8	438.2	436.2	436.3	436.9	436.3	436.2
15°	434.5	433.9	433.7	435.8	436.5	435.8	433.7	433.9	434.5	433.9	433.7
15.5°	432.1	431.3	431.3	433.4	434.2	433.4	431.3	431.3	432.1	431.3	431.3
16°	429.6	428.7	428.7	430.8	431.8	430.8	428.7	428.7	429.6	428.7	428.7
16.5°	427.1	425.9	426.0	428.2	429.3	428.2	426.0	425.9	427.1	425.9	426.0
17°	424.5	423.1	423.1	425.4	426.8	425.4	423.1	423.1	424.5	423.1	423.1
17.5°	421.7	420.3	420.2	422.5	424.2	422.5	420.2	420.3	421.7	420.3	420.2
18°	418.7	417.4	417.2	419.5	421.5	419.5	417.2	417.4	418.7	417.4	417.2
18.5°	415.7	414.3	414.1	416.5	418.6	416.5	414.1	414.3	415.7	414.3	414.1
19°	412.5	411.2	410.9	413.4	415.7	413.4	410.9	411.2	412.5	411.2	410.9
19.5°	409.2	407.9	407.6	410.3	412.6	410.3	407.6	407.9	409.2	407.9	407.6
20°	405.8	404.6	404.2	406.9	409.4	406.9	404.2	404.6	405.8	404.6	404.2
20.5°	402.2	401.1	400.7	403.5	405.8	403.5	400.7	401.1	402.2	401.1	400.7
21°	398.6	397.5	397.1	399.8	402.1	399.8	397.1	397.5	398.6	397.5	397.1
21.5°	394.8	393.8	393.4	396.1	398.2	396.1	393.4	393.8	394.8	393.8	393.4
22°	390.8	390.0	389.6	392.2	394.1	392.2	389.6	390.0	390.8	390.0	389.6

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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°	386.7	386.0	385.9	388.3	389.9	388.3	385.9	386.0	386.7	386.0	385.9
23°	382.4	382.1	382.1	384.2	385.6	384.2	382.1	382.1	382.4	382.1	382.1
23.5°	378.1	377.9	378.2	380.1	381.2	380.1	378.2	377.9	378.1	377.9	378.2
24°	373.6	373.8	374.3	375.9	376.7	375.9	374.3	373.8	373.6	373.8	374.3
24.5°	369.1	369.6	370.2	371.6	372.0	371.6	370.2	369.6	369.1	369.6	370.2
25°	364.5	365.3	366.1	367.1	367.3	367.1	366.1	365.3	364.5	365.3	366.1
25.5°	359.8	360.9	361.9	362.6	362.3	362.6	361.9	360.9	359.8	360.9	361.9
26°	355.1	356.4	357.5	358.0	357.4	358.0	357.5	356.4	355.1	356.4	357.5
26.5°	350.2	351.9	353.0	353.3	352.2	353.3	353.0	351.9	350.2	351.9	353.0
27°	345.3	347.2	348.5	348.4	347.1	348.4	348.5	347.2	345.3	347.2	348.5
27.5°	340.3	342.3	343.7	343.5	341.9	343.5	343.7	342.3	340.3	342.3	343.7
28°	335.3	337.4	338.8	338.4	336.5	338.4	338.8	337.4	335.3	337.4	338.8
28.5°	330.0	332.3	333.8	333.2	331.1	333.2	333.8	332.3	330.0	332.3	333.8
29°	324.7	327.1	328.6	327.9	325.7	327.9	328.6	327.1	324.7	327.1	328.6
29.5°	319.3	321.8	323.3	322.4	320.2	322.4	323.3	321.8	319.3	321.8	323.3
30°	313.7	316.3	317.8	316.8	314.4	316.8	317.8	316.3	313.7	316.3	317.8
30.5°	308.2	310.7	312.0	311.0	308.6	311.0	312.0	310.7	308.2	310.7	312.0
31°	302.5	305.0	306.2	305.0	302.6	305.0	306.2	305.0	302.5	305.0	306.2
31.5°	296.8	299.1	300.2	299.1	296.6	299.1	300.2	299.1	296.8	299.1	300.2
32°	290.9	293.1	293.9	292.9	290.6	292.9	293.9	293.1	290.9	293.1	293.9
32.5°	285.1	287.1	287.7	286.7	284.5	286.7	287.7	287.1	285.1	287.1	287.7
33°	279.1	280.7	281.2	280.3	278.3	280.3	281.2	280.7	279.1	280.7	281.2
33.5°	273.3	274.5	274.7	273.9	272.1	273.9	274.7	274.5	273.3	274.5	274.7
34°	267.0	268.0	267.9	267.4	265.9	267.4	267.9	268.0	267.0	268.0	267.9
34.5°	260.8	261.5	261.1	260.7	259.6	260.7	261.1	261.5	260.8	261.5	261.1
35°	254.5	254.7	254.1	254.0	253.2	254.0	254.1	254.7	254.5	254.7	254.1
35.5°	248.1	247.9	247.1	247.2	246.8	247.2	247.1	247.9	248.1	247.9	247.1
36°	241.4	241.0	239.9	240.3	240.3	240.3	239.9	241.0	241.4	241.0	239.9
36.5°	234.7	234.1	232.9	233.4	233.8	233.4	232.9	234.1	234.7	234.1	232.9
37°	227.9	227.0	225.5	226.5	227.0	226.5	225.5	227.0	227.9	227.0	225.5
37.5°	220.9	220.0	218.3	219.6	220.1	219.6	218.3	220.0	220.9	220.0	218.3
38°	213.7	212.8	211.1	212.5	212.7	212.5	211.1	212.8	213.7	212.8	211.1
38.5°	206.7	205.7	203.9	205.3	205.5	205.3	203.9	205.7	206.7	205.7	203.9
39°	199.4	198.1	196.8	198.2	198.5	198.2	196.8	198.1	199.4	198.1	196.8
39.5°	191.9	190.9	189.8	191.0	191.4	191.0	189.8	190.9	191.9	190.9	189.8
40°	184.4	183.7	182.7	183.8	184.3	183.8	182.7	183.7	184.4	183.7	182.7
40.5°	177.1	176.7	175.7	176.5	177.2	176.5	175.7	176.7	177.1	176.7	175.7
41°	169.6	169.6	168.6	169.3	169.9	169.3	168.6	169.6	169.6	169.6	168.6
41.5°	162.2	162.4	161.5	162.1	162.6	162.1	161.5	162.4	162.2	162.4	161.5
42°	154.8	155.1	154.5	155.0	155.3	155.0	154.5	155.1	154.8	155.1	154.5
42.5°	147.6	148.0	147.6	148.2	148.1	148.2	147.6	148.0	147.6	148.0	147.6
43°	140.5	140.8	140.9	141.3	140.8	141.3	140.9	140.8	140.5	140.8	140.9
43.5°	133.4	133.8	134.1	134.4	133.6	134.4	134.1	133.8	133.4	133.8	134.1
44°	126.5	126.8	127.4	127.7	126.6	127.7	127.4	126.8	126.5	126.8	127.4
44.5°	119.6	120.0	120.9	121.3	119.9	121.3	120.9	120.0	119.6	120.0	120.9

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	112.9	113.4	114.6	114.6	113.2	114.6	114.6	113.4	112.9	113.4	114.6
45.5°	106.2	106.9	108.2	108.1	106.7	108.1	108.2	106.9	106.2	106.9	108.2
46°	99.7	100.6	101.9	101.8	100.3	101.8	101.9	100.6	99.7	100.6	101.9
46.5°	93.4	94.4	95.7	95.6	94.2	95.6	95.7	94.4	93.4	94.4	95.7
47°	87.2	88.4	89.6	89.6	88.2	89.6	89.6	88.4	87.2	88.4	89.6
47.5°	81.3	82.5	83.6	83.7	82.5	83.7	83.6	82.5	81.3	82.5	83.6
48°	75.6	76.8	77.7	77.9	76.9	77.9	77.7	76.8	75.6	76.8	77.7
48.5°	70.2	71.2	72.0	72.5	71.5	72.5	72.0	71.2	70.2	71.2	72.0
49°	65.0	65.9	66.6	67.1	66.4	67.1	66.6	65.9	65.0	65.9	66.6
49.5°	60.2	60.9	61.4	62.0	61.5	62.0	61.4	60.9	60.2	60.9	61.4
50°	55.6	56.1	56.5	57.2	56.9	57.2	56.5	56.1	55.6	56.1	56.5
50.5°	51.0	51.4	51.7	52.4	52.5	52.4	51.7	51.4	51.0	51.4	51.7
51°	46.6	46.8	47.0	47.8	48.0	47.8	47.0	46.8	46.6	46.8	47.0
51.5°	42.7	42.5	42.4	43.5	43.8	43.5	42.4	42.5	42.7	42.5	42.4
52°	38.8	38.5	38.2	39.3	39.6	39.3	38.2	38.5	38.8	38.5	38.2
52.5°	35.3	34.8	34.4	35.5	35.8	35.5	34.4	34.8	35.3	34.8	34.4
53°	31.9	31.4	30.8	32.0	32.3	32.0	30.8	31.4	31.9	31.4	30.8
53.5°	28.8	28.2	27.6	28.7	28.9	28.7	27.6	28.2	28.8	28.2	27.6
54°	25.8	25.2	24.7	25.6	25.8	25.6	24.7	25.2	25.8	25.2	24.7
54.5°	23.0	22.4	21.9	22.7	22.8	22.7	21.9	22.4	23.0	22.4	21.9
55°	20.3	19.8	19.4	20.0	20.1	20.0	19.4	19.8	20.3	19.8	19.4
55.5°	17.8	17.5	17.2	17.5	17.5	17.5	17.2	17.5	17.8	17.5	17.2
56°	15.6	15.4	15.0	15.3	15.3	15.3	15.0	15.4	15.6	15.4	15.0
56.5°	13.5	13.4	13.0	13.2	13.2	13.2	13.0	13.4	13.5	13.4	13.0
57°	11.6	11.5	11.1	11.2	11.2	11.2	11.1	11.5	11.6	11.5	11.1
57.5°	9.6	9.6	9.2	9.2	9.3	9.2	9.2	9.6	9.6	9.6	9.2
58°	7.7	7.7	7.4	7.4	7.3	7.4	7.4	7.7	7.7	7.7	7.4
58.5°	6.0	6.0	5.6	5.6	5.6	5.6	5.6	6.0	6.0	6.0	5.6
59°	4.2	4.3	3.9	3.9	3.9	3.9	3.9	4.3	4.2	4.3	3.9
59.5°	2.9	2.9	2.4	2.5	2.6	2.5	2.4	2.9	2.9	2.9	2.4
60°	2.0	1.9	1.6	1.5	1.6	1.5	1.6	1.9	2.0	1.9	1.6
60.5°	1.2	1.4	1.1	1.0	1.3	1.0	1.1	1.4	1.2	1.4	1.1
61°	1.0	1.1	0.9	0.8	1.1	0.8	0.9	1.1	1.0	1.1	0.9
61.5°	0.8	0.9	0.6	0.6	0.8	0.6	0.6	0.9	0.8	0.9	0.6
62°	0.7	0.7	0.5	0.5	0.6	0.5	0.5	0.7	0.7	0.7	0.5
62.5°	0.5	0.5	0.4	0.4	0.3	0.4	0.4	0.5	0.5	0.5	0.4
63°	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.3
63.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
64°	0.3	0.3	0.3	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3
64.5°	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.2
65°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
65.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
66°	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2
66.5°	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1
67°	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1

TEST NUMBER: P1590611

CATALOG NUMBER: HCDLS510CSD6TRH-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: P1590611

CATALOG NUMBER: HCDLS510CSD6TRH-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: P1590611

CATALOG NUMBER: HCDLS510CSD6TRH-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
129.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
130°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
130.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
131°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
131.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
132°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
132.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
133°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
133.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
134°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
134.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

TEST NUMBER: P1590611

CATALOG NUMBER: HCDLS510CSD6TRH-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	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1
146°	0.2	0.2	0.2	0.2	0.1	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: P1590611

CATALOG NUMBER: HCDLS510CSD6TRH-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: P1590611
CATALOG NUMBER: HCDLS510CSD6TRH-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: P1590611

CATALOG NUMBER: HCDLS510CSD6TRH-LO-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	472.0	472.0	472.0	472.0	472.0	472.0
0.5°	472.1	472.0	472.1	472.1	471.9	471.8
1°	472.0	471.9	472.0	472.0	471.8	471.7
1.5°	471.9	471.8	471.9	471.8	471.6	471.5
2°	471.7	471.6	471.7	471.6	471.3	471.2
2.5°	471.4	471.4	471.4	471.3	471.0	470.8
3°	471.0	471.1	471.0	470.9	470.5	470.4
3.5°	470.6	470.7	470.6	470.3	470.0	469.9
4°	470.0	470.3	470.0	469.8	469.5	469.3
4.5°	469.4	469.7	469.4	469.1	468.8	468.7
5°	468.7	469.1	468.7	468.4	468.1	467.9
5.5°	467.8	468.3	467.8	467.5	467.3	467.1
6°	466.8	467.4	466.8	466.5	466.4	466.2
6.5°	465.7	466.3	465.7	465.5	465.4	465.2
7°	464.5	465.2	464.5	464.3	464.3	464.1
7.5°	463.2	463.9	463.2	463.1	463.2	462.9
8°	461.9	462.6	461.9	461.7	461.9	461.6
8.5°	460.5	461.2	460.5	460.3	460.6	460.2
9°	458.9	459.7	458.9	458.7	459.1	458.7
9.5°	457.4	458.2	457.4	457.1	457.5	457.1
10°	455.7	456.6	455.7	455.3	455.8	455.4
10.5°	454.1	454.9	454.1	453.5	453.9	453.6
11°	452.3	453.1	452.3	451.5	452.0	451.7
11.5°	450.5	451.3	450.5	449.5	450.0	449.8
12°	448.6	449.3	448.6	447.4	447.9	447.8
12.5°	446.7	447.3	446.7	445.3	445.7	445.7
13°	444.7	445.4	444.7	443.1	443.5	443.6
13.5°	442.6	443.3	442.6	440.9	441.1	441.4
14°	440.4	441.0	440.4	438.6	438.8	439.2
14.5°	438.2	438.8	438.2	436.2	436.3	436.9
15°	435.8	436.5	435.8	433.7	433.9	434.5
15.5°	433.4	434.2	433.4	431.3	431.3	432.1
16°	430.8	431.8	430.8	428.7	428.7	429.6
16.5°	428.2	429.3	428.2	426.0	425.9	427.1
17°	425.4	426.8	425.4	423.1	423.1	424.5
17.5°	422.5	424.2	422.5	420.2	420.3	421.7
18°	419.5	421.5	419.5	417.2	417.4	418.7
18.5°	416.5	418.6	416.5	414.1	414.3	415.7
19°	413.4	415.7	413.4	410.9	411.2	412.5
19.5°	410.3	412.6	410.3	407.6	407.9	409.2
20°	406.9	409.4	406.9	404.2	404.6	405.8
20.5°	403.5	405.8	403.5	400.7	401.1	402.2
21°	399.8	402.1	399.8	397.1	397.5	398.6
21.5°	396.1	398.2	396.1	393.4	393.8	394.8
22°	392.2	394.1	392.2	389.6	390.0	390.8

TEST NUMBER: P1590611

CATALOG NUMBER: HCDLS510CSD6TRH-LO-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	388.3	389.9	388.3	385.9	386.0	386.7
23°	384.2	385.6	384.2	382.1	382.1	382.4
23.5°	380.1	381.2	380.1	378.2	377.9	378.1
24°	375.9	376.7	375.9	374.3	373.8	373.6
24.5°	371.6	372.0	371.6	370.2	369.6	369.1
25°	367.1	367.3	367.1	366.1	365.3	364.5
25.5°	362.6	362.3	362.6	361.9	360.9	359.8
26°	358.0	357.4	358.0	357.5	356.4	355.1
26.5°	353.3	352.2	353.3	353.0	351.9	350.2
27°	348.4	347.1	348.4	348.5	347.2	345.3
27.5°	343.5	341.9	343.5	343.7	342.3	340.3
28°	338.4	336.5	338.4	338.8	337.4	335.3
28.5°	333.2	331.1	333.2	333.8	332.3	330.0
29°	327.9	325.7	327.9	328.6	327.1	324.7
29.5°	322.4	320.2	322.4	323.3	321.8	319.3
30°	316.8	314.4	316.8	317.8	316.3	313.7
30.5°	311.0	308.6	311.0	312.0	310.7	308.2
31°	305.0	302.6	305.0	306.2	305.0	302.5
31.5°	299.1	296.6	299.1	300.2	299.1	296.8
32°	292.9	290.6	292.9	293.9	293.1	290.9
32.5°	286.7	284.5	286.7	287.7	287.1	285.1
33°	280.3	278.3	280.3	281.2	280.7	279.1
33.5°	273.9	272.1	273.9	274.7	274.5	273.3
34°	267.4	265.9	267.4	267.9	268.0	267.0
34.5°	260.7	259.6	260.7	261.1	261.5	260.8
35°	254.0	253.2	254.0	254.1	254.7	254.5
35.5°	247.2	246.8	247.2	247.1	247.9	248.1
36°	240.3	240.3	240.3	239.9	241.0	241.4
36.5°	233.4	233.8	233.4	232.9	234.1	234.7
37°	226.5	227.0	226.5	225.5	227.0	227.9
37.5°	219.6	220.1	219.6	218.3	220.0	220.9
38°	212.5	212.7	212.5	211.1	212.8	213.7
38.5°	205.3	205.5	205.3	203.9	205.7	206.7
39°	198.2	198.5	198.2	196.8	198.1	199.4
39.5°	191.0	191.4	191.0	189.8	190.9	191.9
40°	183.8	184.3	183.8	182.7	183.7	184.4
40.5°	176.5	177.2	176.5	175.7	176.7	177.1
41°	169.3	169.9	169.3	168.6	169.6	169.6
41.5°	162.1	162.6	162.1	161.5	162.4	162.2
42°	155.0	155.3	155.0	154.5	155.1	154.8
42.5°	148.2	148.1	148.2	147.6	148.0	147.6
43°	141.3	140.8	141.3	140.9	140.8	140.5
43.5°	134.4	133.6	134.4	134.1	133.8	133.4
44°	127.7	126.6	127.7	127.4	126.8	126.5
44.5°	121.3	119.9	121.3	120.9	120.0	119.6

TEST NUMBER: P1590611

CATALOG NUMBER: HCDLS510CSD6TRH-LO-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	114.6	113.2	114.6	114.6	113.4	112.9
45.5°	108.1	106.7	108.1	108.2	106.9	106.2
46°	101.8	100.3	101.8	101.9	100.6	99.7
46.5°	95.6	94.2	95.6	95.7	94.4	93.4
47°	89.6	88.2	89.6	89.6	88.4	87.2
47.5°	83.7	82.5	83.7	83.6	82.5	81.3
48°	77.9	76.9	77.9	77.7	76.8	75.6
48.5°	72.5	71.5	72.5	72.0	71.2	70.2
49°	67.1	66.4	67.1	66.6	65.9	65.0
49.5°	62.0	61.5	62.0	61.4	60.9	60.2
50°	57.2	56.9	57.2	56.5	56.1	55.6
50.5°	52.4	52.5	52.4	51.7	51.4	51.0
51°	47.8	48.0	47.8	47.0	46.8	46.6
51.5°	43.5	43.8	43.5	42.4	42.5	42.7
52°	39.3	39.6	39.3	38.2	38.5	38.8
52.5°	35.5	35.8	35.5	34.4	34.8	35.3
53°	32.0	32.3	32.0	30.8	31.4	31.9
53.5°	28.7	28.9	28.7	27.6	28.2	28.8
54°	25.6	25.8	25.6	24.7	25.2	25.8
54.5°	22.7	22.8	22.7	21.9	22.4	23.0
55°	20.0	20.1	20.0	19.4	19.8	20.3
55.5°	17.5	17.5	17.5	17.2	17.5	17.8
56°	15.3	15.3	15.3	15.0	15.4	15.6
56.5°	13.2	13.2	13.2	13.0	13.4	13.5
57°	11.2	11.2	11.2	11.1	11.5	11.6
57.5°	9.2	9.3	9.2	9.2	9.6	9.6
58°	7.4	7.3	7.4	7.4	7.7	7.7
58.5°	5.6	5.6	5.6	5.6	6.0	6.0
59°	3.9	3.9	3.9	3.9	4.3	4.2
59.5°	2.5	2.6	2.5	2.4	2.9	2.9
60°	1.5	1.6	1.5	1.6	1.9	2.0
60.5°	1.0	1.3	1.0	1.1	1.4	1.2
61°	0.8	1.1	0.8	0.9	1.1	1.0
61.5°	0.6	0.8	0.6	0.6	0.9	0.8
62°	0.5	0.6	0.5	0.5	0.7	0.7
62.5°	0.4	0.3	0.4	0.4	0.5	0.5
63°	0.3	0.3	0.3	0.3	0.4	0.4
63.5°	0.3	0.3	0.3	0.3	0.3	0.3
64°	0.2	0.2	0.2	0.3	0.3	0.3
64.5°	0.2	0.2	0.2	0.2	0.3	0.3
65°	0.2	0.2	0.2	0.2	0.2	0.2
65.5°	0.2	0.2	0.2	0.2	0.2	0.2
66°	0.1	0.1	0.1	0.2	0.2	0.2
66.5°	0.1	0.1	0.1	0.1	0.2	0.2
67°	0.1	0.1	0.1	0.1	0.1	0.2

TEST NUMBER: P1590611

CATALOG NUMBER: HCDLS510CSD6TRH-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: P1590611

CATALOG NUMBER: HCDLS510CSD6TRH-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: P1590611

CATALOG NUMBER: HCDLS510CSD6TRH-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°	0.0	0.0	0.0	0.0	0.0	0.0
129°	0.1	0.1	0.1	0.1	0.1	0.1
129.5°	0.1	0.1	0.1	0.1	0.1	0.1
130°	0.1	0.1	0.1	0.1	0.1	0.1
130.5°	0.1	0.1	0.1	0.1	0.1	0.1
131°	0.1	0.1	0.1	0.1	0.1	0.1
131.5°	0.1	0.1	0.1	0.1	0.1	0.1
132°	0.1	0.1	0.1	0.1	0.1	0.1
132.5°	0.1	0.1	0.1	0.1	0.1	0.1
133°	0.1	0.1	0.1	0.1	0.1	0.1
133.5°	0.1	0.1	0.1	0.1	0.1	0.1
134°	0.1	0.1	0.1	0.1	0.1	0.1
134.5°	0.1	0.1	0.1	0.1	0.1	0.1

TEST NUMBER: P1590611

CATALOG NUMBER: HCDLS510CSD6TRH-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	0.1	0.2
146°	0.2	0.1	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: P1590611

CATALOG NUMBER: HCDLS510CSD6TRH-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: P1590611

CATALOG NUMBER: HCDLS510CSD6TRH-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: P1590611

CATALOG NUMBER: HCDLS510CSD6TRH-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	4.1	5.3	4.5	5.6	5.9	3.9	5.0	4.2	5.3	5.6
	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	5.1	5.5	3.6	4.5	4.0	4.9	5.2
	6H	3.8	4.6	4.2	5.0	5.4	3.5	4.3	3.9	4.7	5.1
	8H	3.7	4.5	4.2	4.9	5.3	3.4	4.2	3.9	4.6	5.0
	12H	3.7	4.4	4.1	4.8	5.2	3.4	4.1	3.8	4.5	5.0
4H	2H	3.9	4.8	4.3	5.1	5.5	3.6	4.5	4.0	4.9	5.2
	3H	3.7	4.4	4.1	4.8	5.3	3.4	4.1	3.8	4.6	5.0
	4H	3.6	4.2	4.0	4.7	5.1	3.3	4.0	3.8	4.4	4.8
	6H	3.5	4.0	4.0	4.5	5.0	3.2	3.8	3.7	4.2	4.7
	8H	3.4	3.9	3.9	4.4	4.9	3.1	3.7	3.6	4.1	4.6
	12H	3.4	3.8	3.9	4.3	4.8	3.1	3.5	3.6	4.0	4.5
8H	4H	3.4	3.9	3.9	4.4	4.9	3.1	3.7	3.6	4.1	4.6
	6H	3.3	3.7	3.8	4.2	4.7	3.0	3.4	3.5	3.9	4.4
	8H	3.2	3.6	3.8	4.1	4.6	2.9	3.3	3.5	3.8	4.3
	12H	3.2	3.5	3.7	4.0	4.6	2.9	3.2	3.4	3.7	4.3
12H	4H	3.4	3.8	3.9	4.3	4.8	3.1	3.5	3.6	4.0	4.5
	6H	3.2	3.6	3.8	4.1	4.6	3.0	3.3	3.5	3.8	4.3
	8H	3.2	3.5	3.7	4.0	4.6	2.9	3.2	3.4	3.7	4.3

(END OF REPORT)