

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: P1590614

Luminaire Tested: HCDLS510CSD6TRH-ME-3500K

Issue Date: 9/4/2026

Test Information

Test Method: LM-79-2019
Report Number: P1590614
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-ME-3500K
Description: 6" Selectable Round Trim+ Haze (Semi-specular) 700 Lumens 3500K

Light Source:
Ballast/Driver: -

Summary

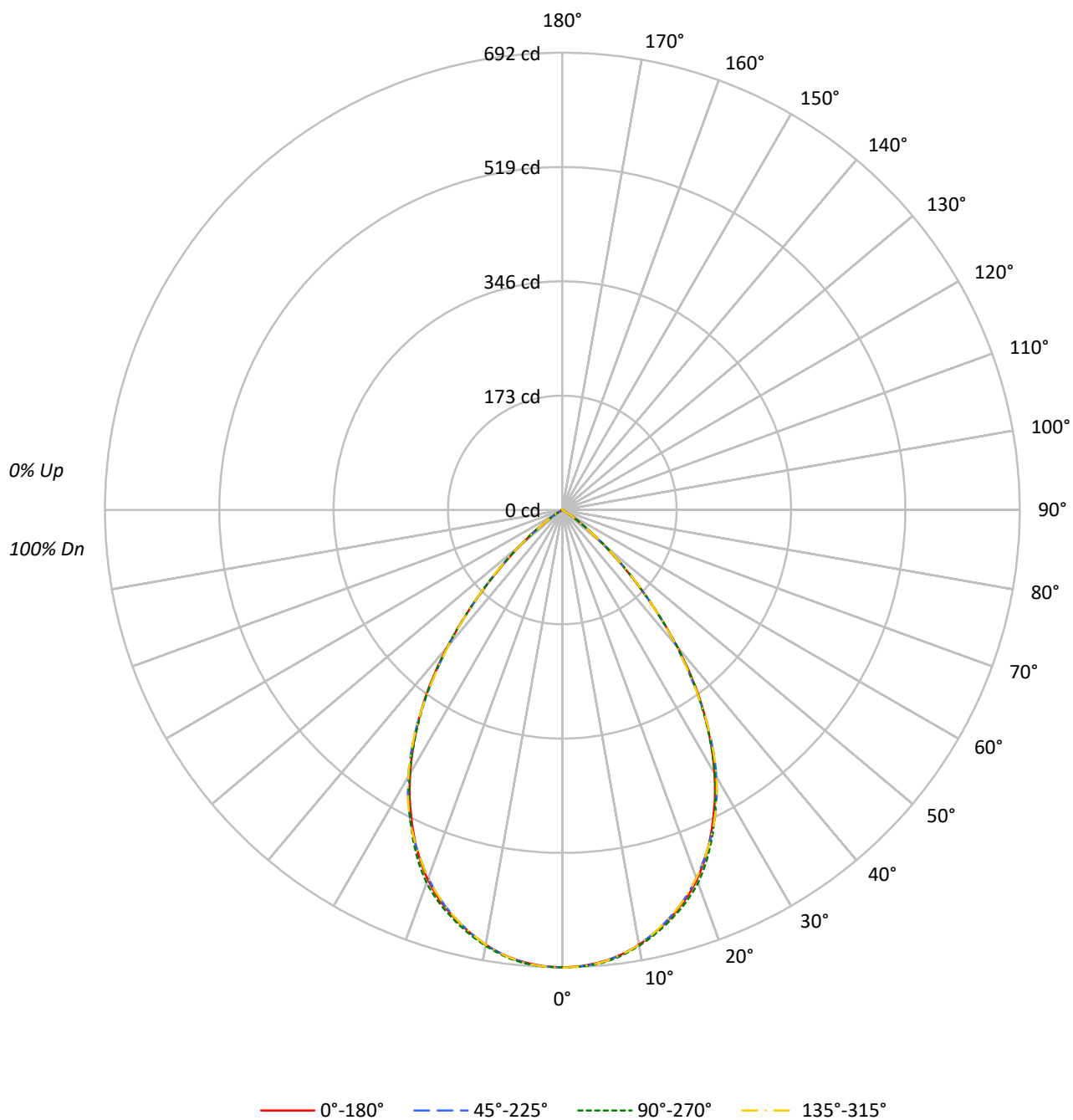
Lumens per Lamp: N/A
Luminaire Lumens: 880.0 lumens
Efficiency: N/A
Efficacy: 103.5 lumens/watt
Spacing Criteria (0/90/45): 1.05 / 1.05 / 1.06
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 8.5
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.93
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°	37952	37952	37952	37952
5°	37767	37860	37767	37860
10°	37179	37279	37179	37279
15°	36169	36334	36169	36334
20°	34723	35026	34723	35026
25°	32337	32585	32337	32585
30°	29125	29188	29125	29188
35°	24982	24849	24982	24849
40°	19358	19351	19358	19351
45°	12831	12870	12831	12870
50°	6951	7121	6951	7121
55°	2848	2819	2848	2819
60°	318	263	318	263
65°	52	39	52	39
70°	16	16	16	16
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: 13032 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	65.0	7.4
10°-20°	179.1	20.4
20°-30°	245.5	27.9
30°-40°	230.3	26.2
40°-50°	129.6	14.7
50°-60°	29.5	3.4
60°-70°	0.5	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°	0.1	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°	489.6	55.6
0°-40°	719.9	81.8
0°-60°	878.9	99.9
0°-90°	879.5	99.9
90°-120°	0.0	0.0
90°-150°	0.3	0.0
90°-180°	1.0	0.1
0°-180°	880.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	692	692	692	692	692	
5°	686	688	686	688	686	65
15°	637	640	637	640	637	179
25°	535	539	535	539	535	245
35°	373	371	373	371	373	230
45°	166	166	166	166	166	129
55°	30	30	30	30	30	30
65°	0	0	0	0	0	1
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°	692.3	692.3	692.3	692.3	692.3	692.3	692.3	692.3	692.3	692.3	692.3
0.5°	692.0	692.2	692.5	692.4	692.2	692.4	692.5	692.2	692.0	692.2	692.5
1°	691.9	691.9	692.3	692.3	692.1	692.3	692.3	691.9	691.9	691.9	692.3
1.5°	691.5	691.7	692.0	692.1	691.9	692.1	692.0	691.7	691.5	691.7	692.0
2°	691.1	691.3	691.7	691.8	691.7	691.8	691.7	691.3	691.1	691.3	691.7
2.5°	690.6	690.8	691.2	691.4	691.4	691.4	691.2	690.8	690.6	690.8	691.2
3°	690.0	690.1	690.6	690.8	691.0	690.8	690.6	690.1	690.0	690.1	690.6
3.5°	689.2	689.4	689.8	690.2	690.4	690.2	689.8	689.4	689.2	689.4	689.8
4°	688.3	688.6	689.0	689.4	689.8	689.4	689.0	688.6	688.3	688.6	689.0
4.5°	687.4	687.6	688.1	688.5	688.9	688.5	688.1	687.6	687.4	687.6	688.1
5°	686.3	686.5	687.0	687.4	688.0	687.4	687.0	686.5	686.3	686.5	687.0
5.5°	685.1	685.3	685.7	686.1	686.8	686.1	685.7	685.3	685.1	685.3	685.7
6°	683.8	684.0	684.3	684.6	685.5	684.6	684.3	684.0	683.8	684.0	684.3
6.5°	682.2	682.7	682.7	683.1	684.0	683.1	682.7	682.7	682.2	682.7	682.7
7°	680.7	681.0	680.9	681.3	682.3	681.3	680.9	681.0	680.7	681.0	680.9
7.5°	678.9	679.4	679.2	679.4	680.4	679.4	679.2	679.4	678.9	679.4	679.2
8°	677.0	677.5	677.2	677.4	678.5	677.4	677.2	677.5	677.0	677.5	677.2
8.5°	674.9	675.5	675.1	675.3	676.4	675.3	675.1	675.5	674.9	675.5	675.1
9°	672.8	673.3	672.8	673.1	674.2	673.1	672.8	673.3	672.8	673.3	672.8
9.5°	670.4	671.0	670.4	670.8	672.1	670.8	670.4	671.0	670.4	671.0	670.4
10°	667.9	668.5	667.8	668.4	669.7	668.4	667.8	668.5	667.9	668.5	667.8
10.5°	665.3	665.7	665.1	666.0	667.2	666.0	665.1	665.7	665.3	665.7	665.1
11°	662.5	662.9	662.3	663.4	664.6	663.4	662.3	662.9	662.5	662.9	662.3
11.5°	659.7	660.0	659.3	660.7	661.9	660.7	659.3	660.0	659.7	660.0	659.3
12°	656.8	656.9	656.3	658.0	659.0	658.0	656.3	656.9	656.8	656.9	656.3
12.5°	653.7	653.7	653.1	655.1	656.1	655.1	653.1	653.7	653.7	653.7	653.1
13°	650.6	650.4	649.9	652.2	653.2	652.2	649.9	650.4	650.6	650.4	649.9
13.5°	647.4	647.0	646.6	649.2	650.1	649.2	646.6	647.0	647.4	647.0	646.6
14°	644.1	643.6	643.2	646.0	646.9	646.0	643.2	643.6	644.1	643.6	643.2
14.5°	640.8	639.9	639.7	642.6	643.6	642.6	639.7	639.9	640.8	639.9	639.7
15°	637.3	636.3	636.1	639.2	640.2	639.2	636.1	636.3	637.3	636.3	636.1
15.5°	633.7	632.6	632.5	635.7	636.8	635.7	632.5	632.6	633.7	632.6	632.5
16°	630.1	628.8	628.8	631.9	633.3	631.9	628.8	628.8	630.1	628.8	628.8
16.5°	626.4	624.7	624.8	628.0	629.7	628.0	624.8	624.7	626.4	624.7	624.8
17°	622.6	620.6	620.6	623.9	626.0	623.9	620.6	620.6	622.6	620.6	620.6
17.5°	618.5	616.5	616.3	619.6	622.2	619.6	616.3	616.5	618.5	616.5	616.3
18°	614.2	612.2	611.9	615.3	618.2	615.3	611.9	612.2	614.2	612.2	611.9
18.5°	609.6	607.7	607.4	610.9	613.9	610.9	607.4	607.7	609.6	607.7	607.4
19°	605.0	603.1	602.6	606.4	609.6	606.4	602.6	603.1	605.0	603.1	602.6
19.5°	600.1	598.3	597.7	601.7	605.2	601.7	597.7	598.3	600.1	598.3	597.7
20°	595.2	593.4	592.8	596.8	600.4	596.8	592.8	593.4	595.2	593.4	592.8
20.5°	589.9	588.3	587.7	591.8	595.1	591.8	587.7	588.3	589.9	588.3	587.7
21°	584.6	583.1	582.4	586.4	589.7	586.4	582.4	583.1	584.6	583.1	582.4
21.5°	579.0	577.6	577.0	580.9	584.0	580.9	577.0	577.6	579.0	577.6	577.0
22°	573.2	572.0	571.5	575.2	578.1	575.2	571.5	572.0	573.2	572.0	571.5

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
22.5°	567.1	566.2	566.0	569.5	571.8	569.5	566.0	566.2	567.1	566.2	566.0
23°	560.9	560.4	560.3	563.5	565.6	563.5	560.3	560.4	560.9	560.4	560.3
23.5°	554.6	554.3	554.7	557.4	559.1	557.4	554.7	554.3	554.6	554.3	554.7
24°	548.0	548.3	549.0	551.3	552.4	551.3	549.0	548.3	548.0	548.3	549.0
24.5°	541.4	542.1	543.0	544.9	545.6	544.9	543.0	542.1	541.4	542.1	543.0
25°	534.6	535.7	536.9	538.5	538.7	538.5	536.9	535.7	534.6	535.7	536.9
25.5°	527.7	529.3	530.8	531.8	531.4	531.8	530.8	529.3	527.7	529.3	530.8
26°	520.8	522.8	524.4	525.0	524.2	525.0	524.4	522.8	520.8	522.8	524.4
26.5°	513.6	516.1	517.8	518.1	516.6	518.1	517.8	516.1	513.6	516.1	517.8
27°	506.4	509.2	511.1	511.0	509.1	511.0	511.1	509.2	506.4	509.2	511.1
27.5°	499.2	502.1	504.1	503.9	501.5	503.9	504.1	502.1	499.2	502.1	504.1
28°	491.8	494.8	496.9	496.4	493.5	496.4	496.9	494.8	491.8	494.8	496.9
28.5°	484.0	487.4	489.6	488.7	485.7	488.7	489.6	487.4	484.0	487.4	489.6
29°	476.3	479.8	482.0	480.9	477.7	480.9	482.0	479.8	476.3	479.8	482.0
29.5°	468.3	472.0	474.2	472.9	469.6	472.9	474.2	472.0	468.3	472.0	474.2
30°	460.1	463.9	466.0	464.6	461.1	464.6	466.0	463.9	460.1	463.9	466.0
30.5°	452.1	455.7	457.7	456.1	452.6	456.1	457.7	455.7	452.1	455.7	457.7
31°	443.7	447.3	449.1	447.4	443.8	447.4	449.1	447.3	443.7	447.3	449.1
31.5°	435.3	438.7	440.3	438.6	435.0	438.6	440.3	438.7	435.3	438.7	440.3
32°	426.7	429.8	431.1	429.6	426.2	429.6	431.1	429.8	426.7	429.8	431.1
32.5°	418.2	421.1	421.9	420.5	417.2	420.5	421.9	421.1	418.2	421.1	421.9
33°	409.4	411.7	412.4	411.2	408.2	411.2	412.4	411.7	409.4	411.7	412.4
33.5°	400.8	402.5	402.8	401.7	399.0	401.7	402.8	402.5	400.8	402.5	402.8
34°	391.6	393.0	392.9	392.2	389.9	392.2	392.9	393.0	391.6	393.0	392.9
34.5°	382.6	383.5	383.0	382.3	380.7	382.3	383.0	383.5	382.6	383.5	383.0
35°	373.3	373.5	372.7	372.5	371.3	372.5	372.7	373.5	373.3	373.5	372.7
35.5°	363.9	363.6	362.4	362.5	362.0	362.5	362.4	363.6	363.9	363.6	362.4
36°	354.0	353.5	351.9	352.5	352.5	352.5	351.9	353.5	354.0	353.5	351.9
36.5°	344.2	343.4	341.5	342.3	342.9	342.3	341.5	343.4	344.2	343.4	341.5
37°	334.2	333.0	330.8	332.3	333.0	332.3	330.8	333.0	334.2	333.0	330.8
37.5°	323.9	322.6	320.1	322.0	322.7	322.0	320.1	322.6	323.9	322.6	320.1
38°	313.5	312.1	309.7	311.7	311.9	311.7	309.7	312.1	313.5	312.1	309.7
38.5°	303.1	301.6	299.1	301.1	301.5	301.1	299.1	301.6	303.1	301.6	299.1
39°	292.5	290.6	288.7	290.6	291.1	290.6	288.7	290.6	292.5	290.6	288.7
39.5°	281.4	279.9	278.3	280.1	280.7	280.1	278.3	279.9	281.4	279.9	278.3
40°	270.5	269.5	268.0	269.5	270.4	269.5	268.0	269.5	270.5	269.5	268.0
40.5°	259.7	259.1	257.7	258.9	259.9	258.9	257.7	259.1	259.7	259.1	257.7
41°	248.7	248.7	247.3	248.3	249.2	248.3	247.3	248.7	248.7	248.7	247.3
41.5°	237.9	238.2	236.8	237.8	238.5	237.8	236.8	238.2	237.9	238.2	236.8
42°	227.1	227.5	226.6	227.4	227.8	227.4	226.6	227.5	227.1	227.5	226.6
42.5°	216.5	217.1	216.6	217.3	217.2	217.3	216.6	217.1	216.5	217.1	216.6
43°	206.0	206.5	206.6	207.2	206.5	207.2	206.6	206.5	206.0	206.5	206.6
43.5°	195.7	196.3	196.7	197.2	196.0	197.2	196.7	196.3	195.7	196.3	196.7
44°	185.5	185.9	186.9	187.3	185.7	187.3	186.9	185.9	185.5	185.9	186.9
44.5°	175.4	176.1	177.4	177.8	175.8	177.8	177.4	176.1	175.4	176.1	177.4

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	165.5	166.3	168.0	168.1	166.0	168.1	168.0	166.3	165.5	166.3	168.0
45.5°	155.7	156.9	158.7	158.5	156.5	158.5	158.7	156.9	155.7	156.9	158.7
46°	146.2	147.5	149.4	149.3	147.1	149.3	149.4	147.5	146.2	147.5	149.4
46.5°	136.9	138.5	140.3	140.3	138.1	140.3	140.3	138.5	136.9	138.5	140.3
47°	127.9	129.6	131.4	131.4	129.4	131.4	131.4	129.6	127.9	129.6	131.4
47.5°	119.3	121.0	122.6	122.8	121.0	122.8	122.6	121.0	119.3	121.0	122.6
48°	110.9	112.6	114.0	114.3	112.8	114.3	114.0	112.6	110.9	112.6	114.0
48.5°	102.9	104.5	105.7	106.3	104.9	106.3	105.7	104.5	102.9	104.5	105.7
49°	95.4	96.7	97.6	98.4	97.3	98.4	97.6	96.7	95.4	96.7	97.6
49.5°	88.3	89.4	90.1	90.9	90.2	90.9	90.1	89.4	88.3	89.4	90.1
50°	81.5	82.3	82.9	83.8	83.5	83.8	82.9	82.3	81.5	82.3	82.9
50.5°	74.8	75.3	75.8	76.9	76.9	76.9	75.8	75.3	74.8	75.3	75.8
51°	68.3	68.6	68.9	70.1	70.5	70.1	68.9	68.6	68.3	68.6	68.9
51.5°	62.6	62.3	62.2	63.8	64.2	63.8	62.2	62.3	62.6	62.3	62.2
52°	57.0	56.5	56.1	57.6	58.1	57.6	56.1	56.5	57.0	56.5	56.1
52.5°	51.8	51.0	50.4	52.0	52.5	52.0	50.4	51.0	51.8	51.0	50.4
53°	46.9	46.0	45.2	46.9	47.4	46.9	45.2	46.0	46.9	46.0	45.2
53.5°	42.2	41.3	40.5	42.1	42.4	42.1	40.5	41.3	42.2	41.3	40.5
54°	37.8	36.9	36.2	37.5	37.8	37.5	36.2	36.9	37.8	36.9	36.2
54.5°	33.7	32.9	32.2	33.3	33.5	33.3	32.2	32.9	33.7	32.9	32.2
55°	29.8	29.1	28.5	29.4	29.5	29.4	28.5	29.1	29.8	29.1	28.5
55.5°	26.1	25.6	25.2	25.7	25.7	25.7	25.2	25.6	26.1	25.6	25.2
56°	22.9	22.5	22.0	22.4	22.4	22.4	22.0	22.5	22.9	22.5	22.0
56.5°	19.8	19.6	19.1	19.3	19.4	19.3	19.1	19.6	19.8	19.6	19.1
57°	17.0	16.8	16.3	16.4	16.5	16.4	16.3	16.8	17.0	16.8	16.3
57.5°	14.1	14.1	13.5	13.5	13.6	13.5	13.5	14.1	14.1	14.1	13.5
58°	11.3	11.3	10.9	10.8	10.8	10.8	10.9	11.3	11.3	11.3	10.9
58.5°	8.8	8.8	8.2	8.3	8.2	8.3	8.2	8.8	8.8	8.8	8.2
59°	6.2	6.3	5.7	5.7	5.7	5.7	5.7	6.3	6.2	6.3	5.7
59.5°	4.3	4.3	3.6	3.6	3.8	3.6	3.6	4.3	4.3	4.3	3.6
60°	2.9	2.8	2.4	2.2	2.4	2.2	2.4	2.8	2.9	2.8	2.4
60.5°	1.8	2.0	1.6	1.5	1.9	1.5	1.6	2.0	1.8	2.0	1.6
61°	1.5	1.7	1.3	1.2	1.6	1.2	1.3	1.7	1.5	1.7	1.3
61.5°	1.2	1.3	0.9	0.9	1.2	0.9	0.9	1.3	1.2	1.3	0.9
62°	1.0	1.0	0.7	0.7	0.9	0.7	0.7	1.0	1.0	1.0	0.7
62.5°	0.7	0.8	0.6	0.5	0.5	0.5	0.6	0.8	0.7	0.8	0.6
63°	0.6	0.6	0.5	0.4	0.4	0.4	0.5	0.6	0.6	0.6	0.5
63.5°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.4
64°	0.4	0.4	0.4	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4
64.5°	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.3
65°	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.3
65.5°	0.3	0.3	0.3	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3
66°	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.2
66.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
67°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

TEST NUMBER: P1590614

CATALOG NUMBER: HCDLS510CSD6TRH-ME-3500K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2
68°	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1
68.5°	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	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	0.1	0.1	0.1	0.1	0.1	0.1	0.1
70.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
71°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
71.5°	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1
72°	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0
72.5°	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	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: P1590614

CATALOG NUMBER: HCDLS510CSD6TRH-ME-3500K

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: P1590614

CATALOG NUMBER: HCDLS510CSD6TRH-ME-3500K

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°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
126°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
126.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
127°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
127.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
128°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
128.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
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: P1590614

CATALOG NUMBER: HCDLS510CSD6TRH-ME-3500K

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°	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1
138.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
139°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
139.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
140°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
140.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
141°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
141.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
142°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
142.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
143°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
143.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
144°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
144.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
145°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
145.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
146°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
146.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
147°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
147.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
148°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
148.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
149°	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.2
149.5°	0.3	0.3	0.3	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.3
150°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
150.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
151°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
151.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
152°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
152.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
153°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
153.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
154°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
154.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
155°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
155.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
156°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
156.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
157°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3

TEST NUMBER: P1590614

CATALOG NUMBER: HCDLS510CSD6TRH-ME-3500K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
157.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
158°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
158.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
159°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
159.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
160°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
160.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
161°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
161.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
162°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
162.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
163°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
163.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
164°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
164.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
165°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
165.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
166°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
166.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
167°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
167.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
168°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
168.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
169°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
169.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
170°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
170.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
171°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
171.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
172°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
172.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
173°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
173.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
174°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
174.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
175°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
175.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
176°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
176.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
177°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
177.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
178°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
178.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
179°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
179.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3



TEST NUMBER: P1590614
CATALOG NUMBER: HCDLS510CSD6TRH-ME-3500K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
180°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3

TEST NUMBER: P1590614

CATALOG NUMBER: HCDLS510CSD6TRH-ME-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	692.3	692.3	692.3	692.3	692.3	692.3
0.5°	692.4	692.2	692.4	692.5	692.2	692.0
1°	692.3	692.1	692.3	692.3	691.9	691.9
1.5°	692.1	691.9	692.1	692.0	691.7	691.5
2°	691.8	691.7	691.8	691.7	691.3	691.1
2.5°	691.4	691.4	691.4	691.2	690.8	690.6
3°	690.8	691.0	690.8	690.6	690.1	690.0
3.5°	690.2	690.4	690.2	689.8	689.4	689.2
4°	689.4	689.8	689.4	689.0	688.6	688.3
4.5°	688.5	688.9	688.5	688.1	687.6	687.4
5°	687.4	688.0	687.4	687.0	686.5	686.3
5.5°	686.1	686.8	686.1	685.7	685.3	685.1
6°	684.6	685.5	684.6	684.3	684.0	683.8
6.5°	683.1	684.0	683.1	682.7	682.7	682.2
7°	681.3	682.3	681.3	680.9	681.0	680.7
7.5°	679.4	680.4	679.4	679.2	679.4	678.9
8°	677.4	678.5	677.4	677.2	677.5	677.0
8.5°	675.3	676.4	675.3	675.1	675.5	674.9
9°	673.1	674.2	673.1	672.8	673.3	672.8
9.5°	670.8	672.1	670.8	670.4	671.0	670.4
10°	668.4	669.7	668.4	667.8	668.5	667.9
10.5°	666.0	667.2	666.0	665.1	665.7	665.3
11°	663.4	664.6	663.4	662.3	662.9	662.5
11.5°	660.7	661.9	660.7	659.3	660.0	659.7
12°	658.0	659.0	658.0	656.3	656.9	656.8
12.5°	655.1	656.1	655.1	653.1	653.7	653.7
13°	652.2	653.2	652.2	649.9	650.4	650.6
13.5°	649.2	650.1	649.2	646.6	647.0	647.4
14°	646.0	646.9	646.0	643.2	643.6	644.1
14.5°	642.6	643.6	642.6	639.7	639.9	640.8
15°	639.2	640.2	639.2	636.1	636.3	637.3
15.5°	635.7	636.8	635.7	632.5	632.6	633.7
16°	631.9	633.3	631.9	628.8	628.8	630.1
16.5°	628.0	629.7	628.0	624.8	624.7	626.4
17°	623.9	626.0	623.9	620.6	620.6	622.6
17.5°	619.6	622.2	619.6	616.3	616.5	618.5
18°	615.3	618.2	615.3	611.9	612.2	614.2
18.5°	610.9	613.9	610.9	607.4	607.7	609.6
19°	606.4	609.6	606.4	602.6	603.1	605.0
19.5°	601.7	605.2	601.7	597.7	598.3	600.1
20°	596.8	600.4	596.8	592.8	593.4	595.2
20.5°	591.8	595.1	591.8	587.7	588.3	589.9
21°	586.4	589.7	586.4	582.4	583.1	584.6
21.5°	580.9	584.0	580.9	577.0	577.6	579.0
22°	575.2	578.1	575.2	571.5	572.0	573.2

TEST NUMBER: P1590614

CATALOG NUMBER: HCDLS510CSD6TRH-ME-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	569.5	571.8	569.5	566.0	566.2	567.1
23°	563.5	565.6	563.5	560.3	560.4	560.9
23.5°	557.4	559.1	557.4	554.7	554.3	554.6
24°	551.3	552.4	551.3	549.0	548.3	548.0
24.5°	544.9	545.6	544.9	543.0	542.1	541.4
25°	538.5	538.7	538.5	536.9	535.7	534.6
25.5°	531.8	531.4	531.8	530.8	529.3	527.7
26°	525.0	524.2	525.0	524.4	522.8	520.8
26.5°	518.1	516.6	518.1	517.8	516.1	513.6
27°	511.0	509.1	511.0	511.1	509.2	506.4
27.5°	503.9	501.5	503.9	504.1	502.1	499.2
28°	496.4	493.5	496.4	496.9	494.8	491.8
28.5°	488.7	485.7	488.7	489.6	487.4	484.0
29°	480.9	477.7	480.9	482.0	479.8	476.3
29.5°	472.9	469.6	472.9	474.2	472.0	468.3
30°	464.6	461.1	464.6	466.0	463.9	460.1
30.5°	456.1	452.6	456.1	457.7	455.7	452.1
31°	447.4	443.8	447.4	449.1	447.3	443.7
31.5°	438.6	435.0	438.6	440.3	438.7	435.3
32°	429.6	426.2	429.6	431.1	429.8	426.7
32.5°	420.5	417.2	420.5	421.9	421.1	418.2
33°	411.2	408.2	411.2	412.4	411.7	409.4
33.5°	401.7	399.0	401.7	402.8	402.5	400.8
34°	392.2	389.9	392.2	392.9	393.0	391.6
34.5°	382.3	380.7	382.3	383.0	383.5	382.6
35°	372.5	371.3	372.5	372.7	373.5	373.3
35.5°	362.5	362.0	362.5	362.4	363.6	363.9
36°	352.5	352.5	352.5	351.9	353.5	354.0
36.5°	342.3	342.9	342.3	341.5	343.4	344.2
37°	332.3	333.0	332.3	330.8	333.0	334.2
37.5°	322.0	322.7	322.0	320.1	322.6	323.9
38°	311.7	311.9	311.7	309.7	312.1	313.5
38.5°	301.1	301.5	301.1	299.1	301.6	303.1
39°	290.6	291.1	290.6	288.7	290.6	292.5
39.5°	280.1	280.7	280.1	278.3	279.9	281.4
40°	269.5	270.4	269.5	268.0	269.5	270.5
40.5°	258.9	259.9	258.9	257.7	259.1	259.7
41°	248.3	249.2	248.3	247.3	248.7	248.7
41.5°	237.8	238.5	237.8	236.8	238.2	237.9
42°	227.4	227.8	227.4	226.6	227.5	227.1
42.5°	217.3	217.2	217.3	216.6	217.1	216.5
43°	207.2	206.5	207.2	206.6	206.5	206.0
43.5°	197.2	196.0	197.2	196.7	196.3	195.7
44°	187.3	185.7	187.3	186.9	185.9	185.5
44.5°	177.8	175.8	177.8	177.4	176.1	175.4

TEST NUMBER: P1590614

CATALOG NUMBER: HCDLS510CSD6TRH-ME-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	168.1	166.0	168.1	168.0	166.3	165.5
45.5°	158.5	156.5	158.5	158.7	156.9	155.7
46°	149.3	147.1	149.3	149.4	147.5	146.2
46.5°	140.3	138.1	140.3	140.3	138.5	136.9
47°	131.4	129.4	131.4	131.4	129.6	127.9
47.5°	122.8	121.0	122.8	122.6	121.0	119.3
48°	114.3	112.8	114.3	114.0	112.6	110.9
48.5°	106.3	104.9	106.3	105.7	104.5	102.9
49°	98.4	97.3	98.4	97.6	96.7	95.4
49.5°	90.9	90.2	90.9	90.1	89.4	88.3
50°	83.8	83.5	83.8	82.9	82.3	81.5
50.5°	76.9	76.9	76.9	75.8	75.3	74.8
51°	70.1	70.5	70.1	68.9	68.6	68.3
51.5°	63.8	64.2	63.8	62.2	62.3	62.6
52°	57.6	58.1	57.6	56.1	56.5	57.0
52.5°	52.0	52.5	52.0	50.4	51.0	51.8
53°	46.9	47.4	46.9	45.2	46.0	46.9
53.5°	42.1	42.4	42.1	40.5	41.3	42.2
54°	37.5	37.8	37.5	36.2	36.9	37.8
54.5°	33.3	33.5	33.3	32.2	32.9	33.7
55°	29.4	29.5	29.4	28.5	29.1	29.8
55.5°	25.7	25.7	25.7	25.2	25.6	26.1
56°	22.4	22.4	22.4	22.0	22.5	22.9
56.5°	19.3	19.4	19.3	19.1	19.6	19.8
57°	16.4	16.5	16.4	16.3	16.8	17.0
57.5°	13.5	13.6	13.5	13.5	14.1	14.1
58°	10.8	10.8	10.8	10.9	11.3	11.3
58.5°	8.3	8.2	8.3	8.2	8.8	8.8
59°	5.7	5.7	5.7	5.7	6.3	6.2
59.5°	3.6	3.8	3.6	3.6	4.3	4.3
60°	2.2	2.4	2.2	2.4	2.8	2.9
60.5°	1.5	1.9	1.5	1.6	2.0	1.8
61°	1.2	1.6	1.2	1.3	1.7	1.5
61.5°	0.9	1.2	0.9	0.9	1.3	1.2
62°	0.7	0.9	0.7	0.7	1.0	1.0
62.5°	0.5	0.5	0.5	0.6	0.8	0.7
63°	0.4	0.4	0.4	0.5	0.6	0.6
63.5°	0.4	0.4	0.4	0.4	0.5	0.5
64°	0.3	0.3	0.3	0.4	0.4	0.4
64.5°	0.3	0.3	0.3	0.3	0.4	0.4
65°	0.3	0.3	0.3	0.3	0.3	0.4
65.5°	0.2	0.2	0.2	0.3	0.3	0.3
66°	0.2	0.2	0.2	0.2	0.3	0.3
66.5°	0.2	0.2	0.2	0.2	0.2	0.2
67°	0.2	0.2	0.2	0.2	0.2	0.2

TEST NUMBER: P1590614

CATALOG NUMBER: HCDLS510CSD6TRH-ME-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	0.1	0.1	0.1	0.2	0.2	0.2
68°	0.1	0.1	0.1	0.1	0.2	0.2
68.5°	0.1	0.1	0.1	0.1	0.1	0.2
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	0.1	0.1	0.1	0.1	0.1
70.5°	0.1	0.1	0.1	0.1	0.1	0.1
71°	0.1	0.1	0.1	0.1	0.1	0.1
71.5°	0.0	0.0	0.0	0.1	0.1	0.1
72°	0.0	0.0	0.0	0.0	0.1	0.1
72.5°	0.0	0.0	0.0	0.0	0.0	0.1
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: P1590614

CATALOG NUMBER: HCDLS510CSD6TRH-ME-3500K

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: P1590614

CATALOG NUMBER: HCDLS510CSD6TRH-ME-3500K

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°	0.1	0.1	0.1	0.1	0.1	0.1
126°	0.1	0.1	0.1	0.1	0.1	0.1
126.5°	0.1	0.1	0.1	0.1	0.1	0.1
127°	0.1	0.1	0.1	0.1	0.1	0.1
127.5°	0.1	0.1	0.1	0.1	0.1	0.1
128°	0.1	0.1	0.1	0.1	0.1	0.1
128.5°	0.1	0.1	0.1	0.1	0.1	0.1
129°	0.1	0.1	0.1	0.1	0.1	0.1
129.5°	0.1	0.1	0.1	0.1	0.1	0.1
130°	0.1	0.1	0.1	0.1	0.1	0.1
130.5°	0.1	0.1	0.1	0.1	0.1	0.1
131°	0.1	0.1	0.1	0.1	0.1	0.1
131.5°	0.1	0.1	0.1	0.1	0.1	0.1
132°	0.1	0.1	0.1	0.1	0.1	0.1
132.5°	0.1	0.1	0.1	0.1	0.1	0.1
133°	0.1	0.1	0.1	0.1	0.1	0.1
133.5°	0.1	0.1	0.1	0.1	0.1	0.1
134°	0.1	0.1	0.1	0.1	0.1	0.1
134.5°	0.1	0.1	0.1	0.1	0.1	0.1

TEST NUMBER: P1590614

CATALOG NUMBER: HCDLS510CSD6TRH-ME-3500K

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	0.2
138.5°	0.2	0.2	0.2	0.2	0.2	0.2
139°	0.2	0.2	0.2	0.2	0.2	0.2
139.5°	0.2	0.2	0.2	0.2	0.2	0.2
140°	0.2	0.2	0.2	0.2	0.2	0.2
140.5°	0.2	0.2	0.2	0.2	0.2	0.2
141°	0.2	0.2	0.2	0.2	0.2	0.2
141.5°	0.2	0.2	0.2	0.2	0.2	0.2
142°	0.2	0.2	0.2	0.2	0.2	0.2
142.5°	0.2	0.2	0.2	0.2	0.2	0.2
143°	0.2	0.2	0.2	0.2	0.2	0.2
143.5°	0.2	0.2	0.2	0.2	0.2	0.2
144°	0.2	0.2	0.2	0.2	0.2	0.2
144.5°	0.2	0.2	0.2	0.2	0.2	0.2
145°	0.2	0.2	0.2	0.2	0.2	0.2
145.5°	0.2	0.2	0.2	0.2	0.2	0.2
146°	0.2	0.2	0.2	0.2	0.2	0.2
146.5°	0.2	0.2	0.2	0.2	0.2	0.2
147°	0.2	0.2	0.2	0.2	0.2	0.2
147.5°	0.2	0.2	0.2	0.2	0.2	0.2
148°	0.2	0.2	0.2	0.2	0.2	0.2
148.5°	0.2	0.2	0.2	0.2	0.2	0.2
149°	0.2	0.2	0.2	0.2	0.3	0.3
149.5°	0.3	0.2	0.3	0.3	0.3	0.3
150°	0.3	0.3	0.3	0.3	0.3	0.3
150.5°	0.3	0.3	0.3	0.3	0.3	0.3
151°	0.3	0.3	0.3	0.3	0.3	0.3
151.5°	0.3	0.3	0.3	0.3	0.3	0.3
152°	0.3	0.3	0.3	0.3	0.3	0.3
152.5°	0.3	0.3	0.3	0.3	0.3	0.3
153°	0.3	0.3	0.3	0.3	0.3	0.3
153.5°	0.3	0.3	0.3	0.3	0.3	0.3
154°	0.3	0.3	0.3	0.3	0.3	0.3
154.5°	0.3	0.3	0.3	0.3	0.3	0.3
155°	0.3	0.3	0.3	0.3	0.3	0.3
155.5°	0.3	0.3	0.3	0.3	0.3	0.3
156°	0.3	0.3	0.3	0.3	0.3	0.3
156.5°	0.3	0.3	0.3	0.3	0.3	0.3
157°	0.3	0.3	0.3	0.3	0.3	0.3

TEST NUMBER: P1590614

CATALOG NUMBER: HCDLS510CSD6TRH-ME-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
157.5°	0.3	0.3	0.3	0.3	0.3	0.3
158°	0.3	0.3	0.3	0.3	0.3	0.3
158.5°	0.3	0.3	0.3	0.3	0.3	0.3
159°	0.3	0.3	0.3	0.3	0.3	0.3
159.5°	0.3	0.3	0.3	0.3	0.3	0.3
160°	0.3	0.3	0.3	0.3	0.3	0.3
160.5°	0.3	0.3	0.3	0.3	0.3	0.3
161°	0.3	0.3	0.3	0.3	0.3	0.3
161.5°	0.3	0.3	0.3	0.3	0.3	0.3
162°	0.3	0.3	0.3	0.3	0.3	0.3
162.5°	0.3	0.3	0.3	0.3	0.3	0.3
163°	0.3	0.3	0.3	0.3	0.3	0.3
163.5°	0.3	0.3	0.3	0.3	0.3	0.3
164°	0.3	0.3	0.3	0.3	0.3	0.3
164.5°	0.3	0.3	0.3	0.3	0.3	0.3
165°	0.3	0.3	0.3	0.3	0.3	0.3
165.5°	0.3	0.3	0.3	0.3	0.3	0.3
166°	0.3	0.3	0.3	0.3	0.3	0.3
166.5°	0.3	0.3	0.3	0.3	0.3	0.3
167°	0.3	0.3	0.3	0.3	0.3	0.3
167.5°	0.3	0.3	0.3	0.3	0.3	0.3
168°	0.3	0.3	0.3	0.3	0.3	0.3
168.5°	0.3	0.3	0.3	0.3	0.3	0.3
169°	0.3	0.3	0.3	0.3	0.3	0.3
169.5°	0.3	0.3	0.3	0.3	0.3	0.3
170°	0.3	0.3	0.3	0.3	0.3	0.3
170.5°	0.3	0.3	0.3	0.3	0.3	0.3
171°	0.3	0.3	0.3	0.3	0.3	0.3
171.5°	0.3	0.3	0.3	0.3	0.3	0.3
172°	0.3	0.3	0.3	0.3	0.3	0.3
172.5°	0.3	0.3	0.3	0.3	0.3	0.3
173°	0.3	0.3	0.3	0.3	0.3	0.3
173.5°	0.3	0.3	0.3	0.3	0.3	0.3
174°	0.3	0.3	0.3	0.3	0.3	0.3
174.5°	0.3	0.3	0.3	0.3	0.3	0.3
175°	0.3	0.3	0.3	0.3	0.3	0.3
175.5°	0.3	0.3	0.3	0.3	0.3	0.3
176°	0.3	0.3	0.3	0.3	0.3	0.3
176.5°	0.3	0.3	0.3	0.3	0.3	0.3
177°	0.3	0.3	0.3	0.3	0.3	0.3
177.5°	0.3	0.3	0.3	0.3	0.3	0.3
178°	0.3	0.3	0.3	0.3	0.3	0.3
178.5°	0.3	0.3	0.3	0.3	0.3	0.3
179°	0.3	0.3	0.3	0.3	0.3	0.3
179.5°	0.3	0.3	0.3	0.3	0.3	0.3



TEST NUMBER: P1590614

CATALOG NUMBER: HCDLS510CSD6TRH-ME-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
180°	0.3	0.3	0.3	0.3	0.3	0.3

TEST NUMBER: P1590614

CATALOG NUMBER: HCDLS510CSD6TRH-ME-3500K

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	5.5	6.6	5.8	6.9	7.2	5.2	6.3	5.5	6.6	6.9
	3H	5.3	6.3	5.7	6.6	7.0	5.0	6.0	5.4	6.3	6.7
	4H	5.2	6.1	5.6	6.5	6.9	4.9	5.8	5.3	6.2	6.6
	6H	5.1	6.0	5.5	6.3	6.7	4.8	5.7	5.2	6.0	6.4
	8H	5.1	5.9	5.5	6.2	6.7	4.8	5.5	5.2	5.9	6.4
	12H	5.0	5.8	5.5	6.1	6.6	4.7	5.5	5.2	5.8	6.3
4H	2H	5.2	6.1	5.6	6.5	6.9	4.9	5.8	5.3	6.2	6.6
	3H	5.0	5.8	5.5	6.2	6.6	4.7	5.5	5.2	5.9	6.3
	4H	4.9	5.6	5.4	6.0	6.5	4.6	5.3	5.1	5.7	6.2
	6H	4.8	5.4	5.3	5.8	6.3	4.5	5.1	5.0	5.5	6.0
	8H	4.8	5.3	5.2	5.7	6.2	4.5	5.0	4.9	5.4	5.9
	12H	4.7	5.2	5.2	5.6	6.1	4.4	4.9	4.9	5.3	5.8
8H	4H	4.8	5.3	5.2	5.7	6.2	4.5	5.0	4.9	5.4	5.9
	6H	4.6	5.1	5.2	5.6	6.0	4.3	4.8	4.9	5.3	5.7
	8H	4.6	4.9	5.1	5.5	6.0	4.3	4.6	4.8	5.2	5.7
	12H	4.5	4.8	5.0	5.3	5.9	4.2	4.5	4.7	5.0	5.6
12H	4H	4.7	5.2	5.2	5.6	6.1	4.4	4.9	4.9	5.3	5.8
	6H	4.6	4.9	5.1	5.4	6.0	4.3	4.6	4.8	5.1	5.7
	8H	4.5	4.8	5.0	5.3	5.9	4.2	4.5	4.7	5.0	5.6

(END OF REPORT)