

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: P1590628

Luminaire Tested: HCDLS510CSD6TRMW-ME-3000K

Issue Date: 9/4/2026

Test Information

Test Method: LM-79-2019
Report Number: P1590628
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-ME-3000K
Description: 6" Selectable Round Trim+Matte White (paintable) 700 Lumens 3000K

Light Source:
Ballast/Driver: -

Summary

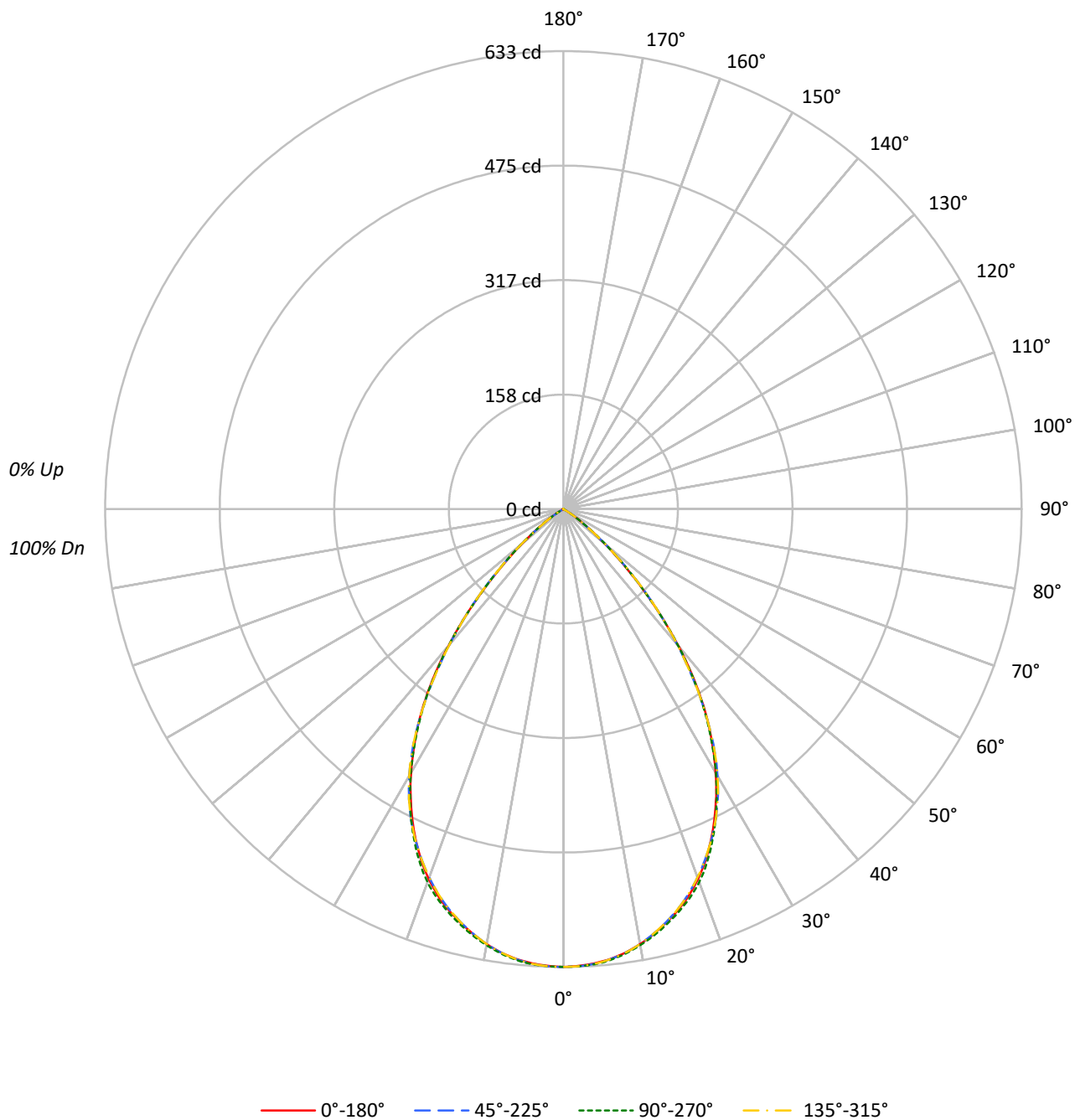
Lumens per Lamp: N/A
Luminaire Lumens: 804.4 lumens
Efficiency: N/A
Efficacy: 94.6 lumens/watt
Spacing Criteria (0/90/45): 1.05 / 1.05 / 1.06
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 8.5
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor:
Total Harmonic Distortion (THDi):
Frequency (hertz): 60
Stabilization Time: HR
Operation Time: HR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	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°	34696	34696	34696	34696
5°	34526	34608	34526	34608
10°	33990	34079	33990	34079
15°	33065	33218	33065	33218
20°	31742	32016	31742	32016
25°	29560	29784	29560	29784
30°	26624	26681	26624	26681
35°	22834	22720	22834	22720
40°	17697	17683	17697	17683
45°	11730	11761	11730	11761
50°	6354	6507	6354	6507
55°	2600	2581	2600	2581
60°	296	241	296	241
65°	39	26	39	26
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: 11916 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	59.4	7.4
10°-20°	163.7	20.4
20°-30°	224.4	27.9
30°-40°	210.5	26.2
40°-50°	118.4	14.7
50°-60°	27.0	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°	0.0	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°	447.6	55.6
0°-40°	658.1	81.8
0°-60°	803.5	99.9
0°-90°	804.0	99.9
90°-120°	0.0	0.0
90°-150°	0.2	0.0
90°-180°	0.0	0.0
0°-180°	804.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	633	633	633	633	633	
5°	627	629	627	629	627	59
15°	583	585	583	585	583	164
25°	489	492	489	492	489	224
35°	341	340	341	340	341	211
45°	151	152	151	152	151	118
55°	27	27	27	27	27	27
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°	632.9	632.9	632.9	632.9	632.9	632.9	632.9	632.9	632.9	632.9	632.9
0.5°	632.6	632.7	633.0	633.0	632.8	633.0	633.0	632.7	632.6	632.7	633.0
1°	632.5	632.5	632.9	632.8	632.7	632.8	632.9	632.5	632.5	632.5	632.9
1.5°	632.1	632.3	632.6	632.7	632.5	632.7	632.6	632.3	632.1	632.3	632.6
2°	631.8	631.9	632.3	632.4	632.3	632.4	632.3	631.9	631.8	631.9	632.3
2.5°	631.3	631.5	631.8	632.0	632.0	632.0	631.8	631.5	631.3	631.5	631.8
3°	630.7	630.9	631.3	631.5	631.7	631.5	631.3	630.9	630.7	630.9	631.3
3.5°	630.0	630.2	630.6	630.9	631.1	630.9	630.6	630.2	630.0	630.2	630.6
4°	629.2	629.5	629.8	630.2	630.6	630.2	629.8	629.5	629.2	629.5	629.8
4.5°	628.4	628.6	629.0	629.4	629.8	629.4	629.0	628.6	628.4	628.6	629.0
5°	627.4	627.6	628.0	628.4	628.9	628.4	628.0	627.6	627.4	627.6	628.0
5.5°	626.3	626.5	626.8	627.2	627.8	627.2	626.8	626.5	626.3	626.5	626.8
6°	625.0	625.3	625.5	625.9	626.6	625.9	625.5	625.3	625.0	625.3	625.5
6.5°	623.7	624.0	624.1	624.4	625.2	624.4	624.1	624.0	623.7	624.0	624.1
7°	622.3	622.6	622.5	622.8	623.7	622.8	622.5	622.6	622.3	622.6	622.5
7.5°	620.7	621.0	620.8	621.1	622.0	621.1	620.8	621.0	620.7	621.0	620.8
8°	618.9	619.3	619.1	619.3	620.3	619.3	619.1	619.3	618.9	619.3	619.1
8.5°	617.0	617.5	617.1	617.3	618.4	617.3	617.1	617.5	617.0	617.5	617.1
9°	615.0	615.5	615.1	615.3	616.4	615.3	615.1	615.5	615.0	615.5	615.1
9.5°	612.8	613.4	612.8	613.2	614.4	613.2	612.8	613.4	612.8	613.4	612.8
10°	610.6	611.1	610.5	611.0	612.2	611.0	610.5	611.1	610.6	611.1	610.5
10.5°	608.2	608.6	608.0	608.8	609.9	608.8	608.0	608.6	608.2	608.6	608.0
11°	605.6	606.0	605.4	606.4	607.5	606.4	605.4	606.0	605.6	606.0	605.4
11.5°	603.1	603.3	602.7	604.0	605.1	604.0	602.7	603.3	603.1	603.3	602.7
12°	600.4	600.5	599.9	601.5	602.5	601.5	599.9	600.5	600.4	600.5	599.9
12.5°	597.5	597.5	597.0	598.9	599.8	598.9	597.0	597.5	597.5	597.5	597.0
13°	594.7	594.6	594.1	596.2	597.1	596.2	594.1	594.6	594.7	594.6	594.1
13.5°	591.8	591.4	591.1	593.5	594.3	593.5	591.1	591.4	591.8	591.4	591.1
14°	588.8	588.3	588.0	590.5	591.3	590.5	588.0	588.3	588.8	588.3	588.0
14.5°	585.8	585.0	584.8	587.5	588.4	587.5	584.8	585.0	585.8	585.0	584.8
15°	582.6	581.7	581.5	584.3	585.3	584.3	581.5	581.7	582.6	581.7	581.5
15.5°	579.3	578.3	578.2	581.1	582.2	581.1	578.2	578.3	579.3	578.3	578.2
16°	576.0	574.8	574.8	577.7	578.9	577.7	574.8	574.8	576.0	574.8	574.8
16.5°	572.6	571.0	571.1	574.0	575.6	574.0	571.1	571.0	572.6	571.0	571.1
17°	569.2	567.3	567.3	570.3	572.2	570.3	567.3	567.3	569.2	567.3	567.3
17.5°	565.4	563.6	563.4	566.4	568.8	566.4	563.4	563.6	565.4	563.6	563.4
18°	561.4	559.6	559.4	562.5	565.1	562.5	559.4	559.6	561.4	559.6	559.4
18.5°	557.3	555.5	555.2	558.4	561.2	558.4	555.2	555.5	557.3	555.5	555.2
19°	553.1	551.4	550.9	554.3	557.3	554.3	550.9	551.4	553.1	551.4	550.9
19.5°	548.6	547.0	546.4	550.1	553.3	550.1	546.4	547.0	548.6	547.0	546.4
20°	544.1	542.5	541.9	545.6	548.8	545.6	541.9	542.5	544.1	542.5	541.9
20.5°	539.3	537.8	537.3	541.0	544.0	541.0	537.3	537.8	539.3	537.8	537.3
21°	534.4	533.0	532.4	536.1	539.1	536.1	532.4	533.0	534.4	533.0	532.4
21.5°	529.3	528.0	527.4	531.1	533.9	531.1	527.4	528.0	529.3	528.0	527.4
22°	524.0	522.9	522.4	525.8	528.5	525.8	522.4	522.9	524.0	522.9	522.4

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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°	518.4	517.6	517.4	520.6	522.8	520.6	517.4	517.6	518.4	517.6	517.4
23°	512.7	512.2	512.2	515.2	517.0	515.2	512.2	512.2	512.7	512.2	512.2
23.5°	506.9	506.7	507.0	509.6	511.1	509.6	507.0	506.7	506.9	506.7	507.0
24°	500.9	501.2	501.8	503.9	505.0	503.9	501.8	501.2	500.9	501.2	501.8
24.5°	494.9	495.5	496.4	498.2	498.7	498.2	496.4	495.5	494.9	495.5	496.4
25°	488.7	489.7	490.8	492.2	492.4	492.2	490.8	489.7	488.7	489.7	490.8
25.5°	482.4	483.9	485.2	486.2	485.8	486.2	485.2	483.9	482.4	483.9	485.2
26°	476.1	477.9	479.4	479.9	479.2	479.9	479.4	477.9	476.1	477.9	479.4
26.5°	469.5	471.8	473.3	473.6	472.3	473.6	473.3	471.8	469.5	471.8	473.3
27°	463.0	465.5	467.2	467.2	465.4	467.2	467.2	465.5	463.0	465.5	467.2
27.5°	456.3	459.0	460.8	460.6	458.4	460.6	460.8	459.0	456.3	459.0	460.8
28°	449.6	452.4	454.3	453.7	451.1	453.7	454.3	452.4	449.6	452.4	454.3
28.5°	442.4	445.6	447.5	446.8	444.0	446.8	447.5	445.6	442.4	445.6	447.5
29°	435.4	438.6	440.6	439.6	436.7	439.6	440.6	438.6	435.4	438.6	440.6
29.5°	428.1	431.4	433.5	432.3	429.3	432.3	433.5	431.4	428.1	431.4	433.5
30°	420.6	424.1	426.0	424.7	421.5	424.7	426.0	424.1	420.6	424.1	426.0
30.5°	413.3	416.6	418.4	416.9	413.8	416.9	418.4	416.6	413.3	416.6	418.4
31°	405.6	408.9	410.6	409.0	405.7	409.0	410.6	408.9	405.6	408.9	410.6
31.5°	397.9	401.1	402.5	401.0	397.7	401.0	402.5	401.1	397.9	401.1	402.5
32°	390.1	392.9	394.1	392.7	389.6	392.7	394.1	392.9	390.1	392.9	394.1
32.5°	382.3	384.9	385.7	384.4	381.4	384.4	385.7	384.9	382.3	384.9	385.7
33°	374.2	376.4	377.0	375.9	373.1	375.9	377.0	376.4	374.2	376.4	377.0
33.5°	366.4	368.0	368.2	367.2	364.8	367.2	368.2	368.0	366.4	368.0	368.2
34°	358.0	359.3	359.1	358.5	356.5	358.5	359.1	359.3	358.0	359.3	359.1
34.5°	349.7	350.6	350.1	349.5	348.0	349.5	350.1	350.6	349.7	350.6	350.1
35°	341.2	341.4	340.7	340.5	339.5	340.5	340.7	341.4	341.2	341.4	340.7
35.5°	332.6	332.4	331.3	331.4	330.9	331.4	331.3	332.4	332.6	332.4	331.3
36°	323.6	323.2	321.7	322.2	322.2	322.2	321.7	323.2	323.6	323.2	321.7
36.5°	314.7	313.9	312.2	313.0	313.5	313.0	312.2	313.9	314.7	313.9	312.2
37°	305.5	304.4	302.4	303.7	304.4	303.7	302.4	304.4	305.5	304.4	302.4
37.5°	296.1	294.9	292.7	294.4	295.0	294.4	292.7	294.9	296.1	294.9	292.7
38°	286.6	285.3	283.1	284.9	285.2	284.9	283.1	285.3	286.6	285.3	283.1
38.5°	277.1	275.7	273.4	275.3	275.6	275.3	273.4	275.7	277.1	275.7	273.4
39°	267.3	265.6	263.9	265.7	266.1	265.7	263.9	265.6	267.3	265.6	263.9
39.5°	257.3	255.9	254.4	256.1	256.6	256.1	254.4	255.9	257.3	255.9	254.4
40°	247.3	246.4	245.0	246.4	247.1	246.4	245.0	246.4	247.3	246.4	245.0
40.5°	237.4	236.9	235.6	236.7	237.6	236.7	235.6	236.9	237.4	236.9	235.6
41°	227.4	227.3	226.0	227.0	227.8	227.0	226.0	227.3	227.4	227.3	226.0
41.5°	217.4	217.7	216.5	217.4	218.0	217.4	216.5	217.7	217.4	217.7	216.5
42°	207.6	208.0	207.2	207.9	208.3	207.9	207.2	208.0	207.6	208.0	207.2
42.5°	197.9	198.4	198.0	198.7	198.6	198.7	198.0	198.4	197.9	198.4	198.0
43°	188.3	188.8	188.9	189.5	188.8	189.5	188.9	188.8	188.3	188.8	188.9
43.5°	178.9	179.4	179.8	180.3	179.1	180.3	179.8	179.4	178.9	179.4	179.8
44°	169.6	170.0	170.8	171.3	169.8	171.3	170.8	170.0	169.6	170.0	170.8
44.5°	160.3	160.9	162.1	162.6	160.7	162.6	162.1	160.9	160.3	160.9	162.1

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	151.3	152.0	153.6	153.7	151.7	153.7	153.6	152.0	151.3	152.0	153.6
45.5°	142.4	143.4	145.1	144.9	143.0	144.9	145.1	143.4	142.4	143.4	145.1
46°	133.6	134.9	136.6	136.5	134.5	136.5	136.6	134.9	133.6	134.9	136.6
46.5°	125.2	126.6	128.2	128.2	126.3	128.2	128.2	126.6	125.2	126.6	128.2
47°	117.0	118.5	120.1	120.1	118.3	120.1	120.1	118.5	117.0	118.5	120.1
47.5°	109.1	110.6	112.0	112.3	110.6	112.3	112.0	110.6	109.1	110.6	112.0
48°	101.4	102.9	104.2	104.5	103.1	104.5	104.2	102.9	101.4	102.9	104.2
48.5°	94.1	95.5	96.6	97.1	95.9	97.1	96.6	95.5	94.1	95.5	96.6
49°	87.2	88.4	89.2	89.9	89.0	89.9	89.2	88.4	87.2	88.4	89.2
49.5°	80.8	81.7	82.4	83.1	82.5	83.1	82.4	81.7	80.8	81.7	82.4
50°	74.5	75.2	75.8	76.6	76.3	76.6	75.8	75.2	74.5	75.2	75.8
50.5°	68.4	68.9	69.3	70.3	70.3	70.3	69.3	68.9	68.4	68.9	69.3
51°	62.5	62.7	63.0	64.1	64.4	64.1	63.0	62.7	62.5	62.7	63.0
51.5°	57.2	56.9	56.9	58.3	58.7	58.3	56.9	56.9	57.2	56.9	56.9
52°	52.1	51.6	51.2	52.7	53.1	52.7	51.2	51.6	52.1	51.6	51.2
52.5°	47.3	46.7	46.1	47.6	48.0	47.6	46.1	46.7	47.3	46.7	46.1
53°	42.8	42.0	41.3	42.9	43.3	42.9	41.3	42.0	42.8	42.0	41.3
53.5°	38.6	37.8	37.0	38.5	38.7	38.5	37.0	37.8	38.6	37.8	37.0
54°	34.5	33.8	33.1	34.3	34.5	34.3	33.1	33.8	34.5	33.8	33.1
54.5°	30.8	30.0	29.4	30.4	30.6	30.4	29.4	30.0	30.8	30.0	29.4
55°	27.2	26.6	26.1	26.8	27.0	26.8	26.1	26.6	27.2	26.6	26.1
55.5°	23.9	23.4	23.0	23.5	23.5	23.5	23.0	23.4	23.9	23.4	23.0
56°	20.9	20.6	20.2	20.5	20.5	20.5	20.2	20.6	20.9	20.6	20.2
56.5°	18.1	18.0	17.5	17.7	17.7	17.7	17.5	18.0	18.1	18.0	17.5
57°	15.5	15.4	14.9	15.0	15.1	15.0	14.9	15.4	15.5	15.4	14.9
57.5°	12.9	12.9	12.3	12.3	12.5	12.3	12.3	12.9	12.9	12.9	12.3
58°	10.3	10.4	10.0	9.9	9.8	9.9	10.0	10.4	10.3	10.4	10.0
58.5°	8.0	8.1	7.5	7.6	7.5	7.6	7.5	8.1	8.0	8.1	7.5
59°	5.6	5.8	5.2	5.2	5.2	5.2	5.2	5.8	5.6	5.8	5.2
59.5°	3.9	3.9	3.3	3.3	3.5	3.3	3.3	3.9	3.9	3.9	3.3
60°	2.7	2.6	2.2	2.0	2.2	2.0	2.2	2.6	2.7	2.6	2.2
60.5°	1.7	1.8	1.5	1.3	1.8	1.3	1.5	1.8	1.7	1.8	1.5
61°	1.4	1.5	1.1	1.1	1.4	1.1	1.1	1.5	1.4	1.5	1.1
61.5°	1.1	1.2	0.8	0.8	1.1	0.8	0.8	1.2	1.1	1.2	0.8
62°	0.9	0.9	0.7	0.6	0.8	0.6	0.7	0.9	0.9	0.9	0.7
62.5°	0.6	0.7	0.5	0.5	0.5	0.5	0.5	0.7	0.6	0.7	0.5
63°	0.5	0.5	0.5	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5
63.5°	0.5	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.5	0.4	0.4
64°	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.3
64.5°	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.3
65°	0.3	0.3	0.3	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3
65.5°	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.2
66°	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	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	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2

TEST NUMBER: P1590628

CATALOG NUMBER: HCDLS510CSD6TRMW-ME-3000K

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	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1
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°	0.1	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	0.1	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	0.0	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: P1590628

CATALOG NUMBER: HCDLS510CSD6TRMW-ME-3000K

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: P1590628

CATALOG NUMBER: HCDLS510CSD6TRMW-ME-3000K

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°	0.1	0.1	0.1	0.1	0.0	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: P1590628

CATALOG NUMBER: HCDLS510CSD6TRMW-ME-3000K

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°	0.2	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°	0.2	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°	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2
152°	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.2
152.5°	0.3	0.3	0.3	0.3	0.2	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: P1590628

CATALOG NUMBER: HCDLS510CSD6TRMW-ME-3000K

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: P1590628
CATALOG NUMBER: HCDLS510CSD6TRMW-ME-3000K

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: P1590628

CATALOG NUMBER: HCDLS510CSD6TRMW-ME-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	632.9	632.9	632.9	632.9	632.9	632.9
0.5°	633.0	632.8	633.0	633.0	632.7	632.6
1°	632.8	632.7	632.8	632.9	632.5	632.5
1.5°	632.7	632.5	632.7	632.6	632.3	632.1
2°	632.4	632.3	632.4	632.3	631.9	631.8
2.5°	632.0	632.0	632.0	631.8	631.5	631.3
3°	631.5	631.7	631.5	631.3	630.9	630.7
3.5°	630.9	631.1	630.9	630.6	630.2	630.0
4°	630.2	630.6	630.2	629.8	629.5	629.2
4.5°	629.4	629.8	629.4	629.0	628.6	628.4
5°	628.4	628.9	628.4	628.0	627.6	627.4
5.5°	627.2	627.8	627.2	626.8	626.5	626.3
6°	625.9	626.6	625.9	625.5	625.3	625.0
6.5°	624.4	625.2	624.4	624.1	624.0	623.7
7°	622.8	623.7	622.8	622.5	622.6	622.3
7.5°	621.1	622.0	621.1	620.8	621.0	620.7
8°	619.3	620.3	619.3	619.1	619.3	618.9
8.5°	617.3	618.4	617.3	617.1	617.5	617.0
9°	615.3	616.4	615.3	615.1	615.5	615.0
9.5°	613.2	614.4	613.2	612.8	613.4	612.8
10°	611.0	612.2	611.0	610.5	611.1	610.6
10.5°	608.8	609.9	608.8	608.0	608.6	608.2
11°	606.4	607.5	606.4	605.4	606.0	605.6
11.5°	604.0	605.1	604.0	602.7	603.3	603.1
12°	601.5	602.5	601.5	599.9	600.5	600.4
12.5°	598.9	599.8	598.9	597.0	597.5	597.5
13°	596.2	597.1	596.2	594.1	594.6	594.7
13.5°	593.5	594.3	593.5	591.1	591.4	591.8
14°	590.5	591.3	590.5	588.0	588.3	588.8
14.5°	587.5	588.4	587.5	584.8	585.0	585.8
15°	584.3	585.3	584.3	581.5	581.7	582.6
15.5°	581.1	582.2	581.1	578.2	578.3	579.3
16°	577.7	578.9	577.7	574.8	574.8	576.0
16.5°	574.0	575.6	574.0	571.1	571.0	572.6
17°	570.3	572.2	570.3	567.3	567.3	569.2
17.5°	566.4	568.8	566.4	563.4	563.6	565.4
18°	562.5	565.1	562.5	559.4	559.6	561.4
18.5°	558.4	561.2	558.4	555.2	555.5	557.3
19°	554.3	557.3	554.3	550.9	551.4	553.1
19.5°	550.1	553.3	550.1	546.4	547.0	548.6
20°	545.6	548.8	545.6	541.9	542.5	544.1
20.5°	541.0	544.0	541.0	537.3	537.8	539.3
21°	536.1	539.1	536.1	532.4	533.0	534.4
21.5°	531.1	533.9	531.1	527.4	528.0	529.3
22°	525.8	528.5	525.8	522.4	522.9	524.0

TEST NUMBER: P1590628

CATALOG NUMBER: HCDLS510CSD6TRMW-ME-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	520.6	522.8	520.6	517.4	517.6	518.4
23°	515.2	517.0	515.2	512.2	512.2	512.7
23.5°	509.6	511.1	509.6	507.0	506.7	506.9
24°	503.9	505.0	503.9	501.8	501.2	500.9
24.5°	498.2	498.7	498.2	496.4	495.5	494.9
25°	492.2	492.4	492.2	490.8	489.7	488.7
25.5°	486.2	485.8	486.2	485.2	483.9	482.4
26°	479.9	479.2	479.9	479.4	477.9	476.1
26.5°	473.6	472.3	473.6	473.3	471.8	469.5
27°	467.2	465.4	467.2	467.2	465.5	463.0
27.5°	460.6	458.4	460.6	460.8	459.0	456.3
28°	453.7	451.1	453.7	454.3	452.4	449.6
28.5°	446.8	444.0	446.8	447.5	445.6	442.4
29°	439.6	436.7	439.6	440.6	438.6	435.4
29.5°	432.3	429.3	432.3	433.5	431.4	428.1
30°	424.7	421.5	424.7	426.0	424.1	420.6
30.5°	416.9	413.8	416.9	418.4	416.6	413.3
31°	409.0	405.7	409.0	410.6	408.9	405.6
31.5°	401.0	397.7	401.0	402.5	401.1	397.9
32°	392.7	389.6	392.7	394.1	392.9	390.1
32.5°	384.4	381.4	384.4	385.7	384.9	382.3
33°	375.9	373.1	375.9	377.0	376.4	374.2
33.5°	367.2	364.8	367.2	368.2	368.0	366.4
34°	358.5	356.5	358.5	359.1	359.3	358.0
34.5°	349.5	348.0	349.5	350.1	350.6	349.7
35°	340.5	339.5	340.5	340.7	341.4	341.2
35.5°	331.4	330.9	331.4	331.3	332.4	332.6
36°	322.2	322.2	322.2	321.7	323.2	323.6
36.5°	313.0	313.5	313.0	312.2	313.9	314.7
37°	303.7	304.4	303.7	302.4	304.4	305.5
37.5°	294.4	295.0	294.4	292.7	294.9	296.1
38°	284.9	285.2	284.9	283.1	285.3	286.6
38.5°	275.3	275.6	275.3	273.4	275.7	277.1
39°	265.7	266.1	265.7	263.9	265.6	267.3
39.5°	256.1	256.6	256.1	254.4	255.9	257.3
40°	246.4	247.1	246.4	245.0	246.4	247.3
40.5°	236.7	237.6	236.7	235.6	236.9	237.4
41°	227.0	227.8	227.0	226.0	227.3	227.4
41.5°	217.4	218.0	217.4	216.5	217.7	217.4
42°	207.9	208.3	207.9	207.2	208.0	207.6
42.5°	198.7	198.6	198.7	198.0	198.4	197.9
43°	189.5	188.8	189.5	188.9	188.8	188.3
43.5°	180.3	179.1	180.3	179.8	179.4	178.9
44°	171.3	169.8	171.3	170.8	170.0	169.6
44.5°	162.6	160.7	162.6	162.1	160.9	160.3

TEST NUMBER: P1590628

CATALOG NUMBER: HCDLS510CSD6TRMW-ME-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	153.7	151.7	153.7	153.6	152.0	151.3
45.5°	144.9	143.0	144.9	145.1	143.4	142.4
46°	136.5	134.5	136.5	136.6	134.9	133.6
46.5°	128.2	126.3	128.2	128.2	126.6	125.2
47°	120.1	118.3	120.1	120.1	118.5	117.0
47.5°	112.3	110.6	112.3	112.0	110.6	109.1
48°	104.5	103.1	104.5	104.2	102.9	101.4
48.5°	97.1	95.9	97.1	96.6	95.5	94.1
49°	89.9	89.0	89.9	89.2	88.4	87.2
49.5°	83.1	82.5	83.1	82.4	81.7	80.8
50°	76.6	76.3	76.6	75.8	75.2	74.5
50.5°	70.3	70.3	70.3	69.3	68.9	68.4
51°	64.1	64.4	64.1	63.0	62.7	62.5
51.5°	58.3	58.7	58.3	56.9	56.9	57.2
52°	52.7	53.1	52.7	51.2	51.6	52.1
52.5°	47.6	48.0	47.6	46.1	46.7	47.3
53°	42.9	43.3	42.9	41.3	42.0	42.8
53.5°	38.5	38.7	38.5	37.0	37.8	38.6
54°	34.3	34.5	34.3	33.1	33.8	34.5
54.5°	30.4	30.6	30.4	29.4	30.0	30.8
55°	26.8	27.0	26.8	26.1	26.6	27.2
55.5°	23.5	23.5	23.5	23.0	23.4	23.9
56°	20.5	20.5	20.5	20.2	20.6	20.9
56.5°	17.7	17.7	17.7	17.5	18.0	18.1
57°	15.0	15.1	15.0	14.9	15.4	15.5
57.5°	12.3	12.5	12.3	12.3	12.9	12.9
58°	9.9	9.8	9.9	10.0	10.4	10.3
58.5°	7.6	7.5	7.6	7.5	8.1	8.0
59°	5.2	5.2	5.2	5.2	5.8	5.6
59.5°	3.3	3.5	3.3	3.3	3.9	3.9
60°	2.0	2.2	2.0	2.2	2.6	2.7
60.5°	1.3	1.8	1.3	1.5	1.8	1.7
61°	1.1	1.4	1.1	1.1	1.5	1.4
61.5°	0.8	1.1	0.8	0.8	1.2	1.1
62°	0.6	0.8	0.6	0.7	0.9	0.9
62.5°	0.5	0.5	0.5	0.5	0.7	0.6
63°	0.4	0.4	0.4	0.5	0.5	0.5
63.5°	0.4	0.3	0.4	0.4	0.4	0.5
64°	0.3	0.3	0.3	0.3	0.4	0.4
64.5°	0.3	0.3	0.3	0.3	0.3	0.4
65°	0.2	0.2	0.2	0.3	0.3	0.3
65.5°	0.2	0.2	0.2	0.2	0.3	0.3
66°	0.2	0.2	0.2	0.2	0.2	0.3
66.5°	0.2	0.2	0.2	0.2	0.2	0.2
67°	0.1	0.1	0.1	0.2	0.2	0.2

TEST NUMBER: P1590628

CATALOG NUMBER: HCDLS510CSD6TRMW-ME-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	0.1	0.1	0.1	0.1	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	0.1
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	0.1	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	0.0	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: P1590628

CATALOG NUMBER: HCDLS510CSD6TRMW-ME-3000K

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: P1590628

CATALOG NUMBER: HCDLS510CSD6TRMW-ME-3000K

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°	0.1	0.0	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: P1590628

CATALOG NUMBER: HCDLS510CSD6TRMW-ME-3000K

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°	0.2	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	0.2	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	0.3
152°	0.2	0.2	0.2	0.2	0.3	0.3
152.5°	0.3	0.2	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: P1590628

CATALOG NUMBER: HCDLS510CSD6TRMW-ME-3000K

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: P1590628

CATALOG NUMBER: HCDLS510CSD6TRMW-ME-3000K

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: P1590628

CATALOG NUMBER: HCDLS510CSD6TRMW-ME-3000K

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	5.2	6.3	5.6	6.6	6.9	4.9	6.0	5.2	6.3	6.6
	3H	5.0	6.0	5.4	6.3	6.7	4.7	5.7	5.1	6.0	6.4
	4H	4.9	5.8	5.3	6.2	6.6	4.6	5.5	5.0	5.9	6.3
	6H	4.8	5.7	5.2	6.0	6.4	4.5	5.3	4.9	5.7	6.1
	8H	4.8	5.6	5.2	5.9	6.4	4.5	5.2	4.9	5.6	6.0
	12H	4.7	5.5	5.2	5.8	6.3	4.4	5.1	4.8	5.5	6.0
4H	2H	4.9	5.8	5.3	6.2	6.6	4.6	5.5	5.0	5.9	6.3
	3H	4.7	5.5	5.2	5.9	6.3	4.4	5.2	4.8	5.6	6.0
	4H	4.6	5.3	5.1	5.7	6.2	4.3	5.0	4.8	5.4	5.8
	6H	4.5	5.1	5.0	5.5	6.0	4.2	4.8	4.7	5.2	5.7
	8H	4.5	5.0	4.9	5.4	5.9	4.1	4.7	4.6	5.1	5.6
	12H	4.4	4.9	4.9	5.3	5.8	4.1	4.5	4.6	5.0	5.5
8H	4H	4.5	5.0	4.9	5.4	5.9	4.1	4.7	4.6	5.1	5.6
	6H	4.3	4.8	4.9	5.3	5.8	4.0	4.4	4.5	4.9	5.4
	8H	4.3	4.6	4.8	5.2	5.7	4.0	4.3	4.5	4.8	5.3
	12H	4.2	4.5	4.7	5.0	5.6	3.9	4.2	4.4	4.7	5.3
12H	4H	4.4	4.9	4.9	5.3	5.8	4.1	4.5	4.6	5.0	5.5
	6H	4.3	4.7	4.8	5.1	5.7	4.0	4.3	4.5	4.8	5.4
	8H	4.2	4.5	4.7	5.0	5.6	3.9	4.2	4.4	4.7	5.3

(END OF REPORT)