

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: P1590629

Luminaire Tested: HCDLS510CSD6TRMW-ME-3500K

Issue Date: 9/4/2026

Test Information

Test Method: LM-79-2019
Report Number: P1590629
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-3500K
Description: 6" Selectable Round Trim+Matte White (paintable) 700 Lumens 3500K

Light Source:
Ballast/Driver: -

Summary

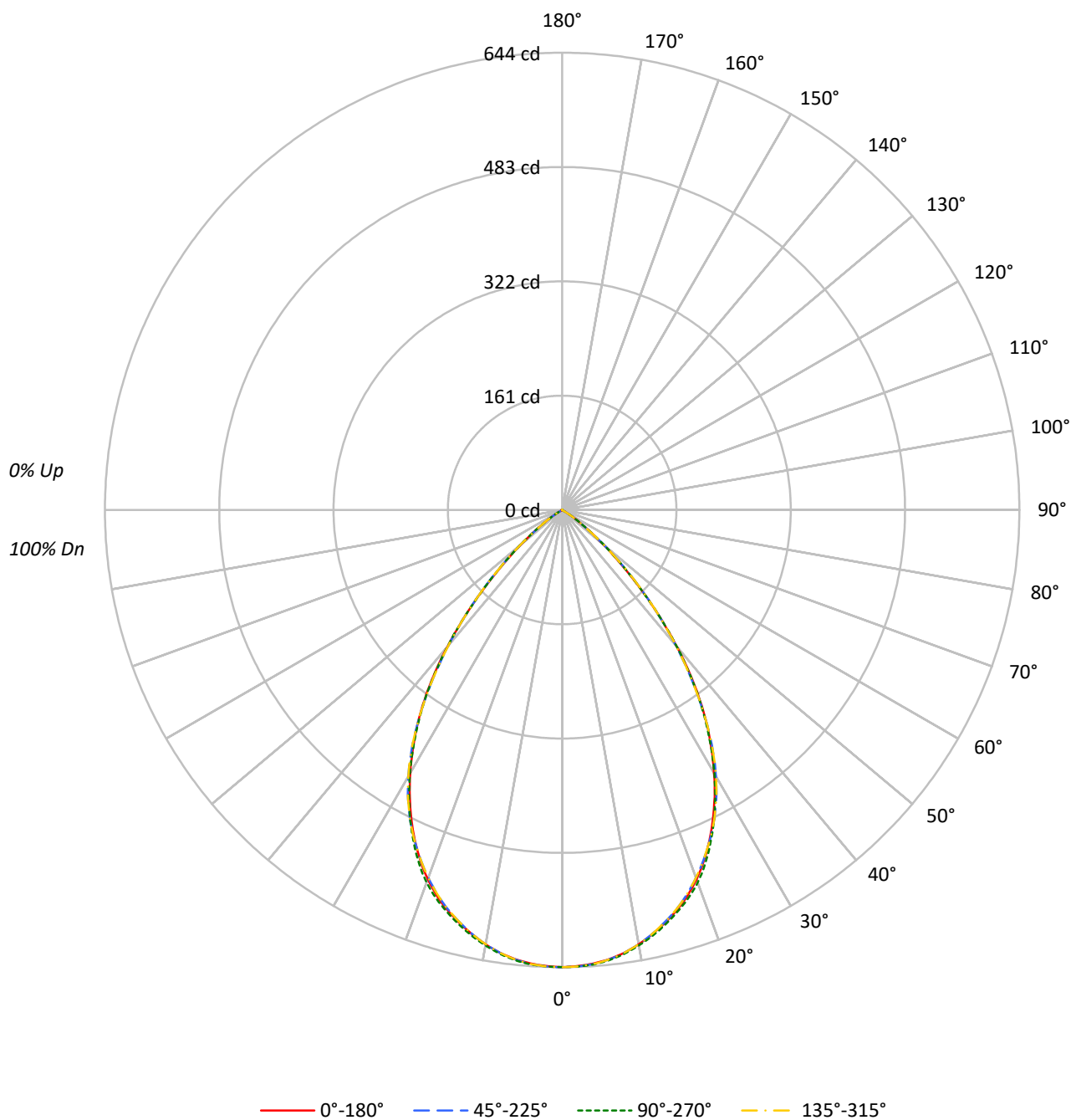
Lumens per Lamp: N/A
Luminaire Lumens: 818.4 lumens
Efficiency: N/A
Efficacy: 96.3 lumens/watt
Spacing Criteria (0/90/45): 1.05 / 1.05 / 1.06
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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°	35299	35299	35299	35299
5°	35125	35208	35125	35208
10°	34580	34669	34580	34669
15°	33638	33791	33638	33791
20°	32290	32576	32290	32576
25°	30074	30304	30074	30304
30°	27086	27143	27086	27143
35°	23236	23109	23236	23109
40°	17998	17991	17998	17991
45°	11931	11962	11931	11962
50°	6465	6627	6465	6627
55°	2647	2619	2647	2619
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: 45°

Vertical Angle: 45°

Luminance: 12118 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	60.4	7.4
10°-20°	166.5	20.4
20°-30°	228.3	27.9
30°-40°	214.2	26.2
40°-50°	120.5	14.7
50°-60°	27.4	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°	455.3	55.6
0°-40°	669.5	81.8
0°-60°	817.4	99.9
0°-90°	817.9	99.9
90°-120°	0.0	0.0
90°-150°	0.2	0.0
90°-180°	0.0	0.0
0°-180°	818.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	644	644	644	644	644	
5°	638	640	638	640	638	60
15°	593	595	593	595	593	167
25°	497	501	497	501	497	227
35°	347	345	347	345	347	214
45°	154	154	154	154	154	120
55°	28	27	28	27	28	28
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°	643.9	643.9	643.9	643.9	643.9	643.9	643.9	643.9	643.9	643.9	643.9
0.5°	643.6	643.7	644.0	643.9	643.8	643.9	644.0	643.7	643.6	643.7	644.0
1°	643.4	643.5	643.8	643.8	643.6	643.8	643.8	643.5	643.4	643.5	643.8
1.5°	643.1	643.2	643.6	643.6	643.5	643.6	643.6	643.2	643.1	643.2	643.6
2°	642.7	642.9	643.3	643.3	643.3	643.3	643.3	642.9	642.7	642.9	643.3
2.5°	642.2	642.4	642.8	643.0	643.0	643.0	642.8	642.4	642.2	642.4	642.8
3°	641.7	641.8	642.2	642.4	642.6	642.4	642.2	641.8	641.7	641.8	642.2
3.5°	640.9	641.1	641.5	641.9	642.1	641.9	641.5	641.1	640.9	641.1	641.5
4°	640.1	640.4	640.8	641.1	641.5	641.1	640.8	640.4	640.1	640.4	640.8
4.5°	639.3	639.5	639.9	640.3	640.7	640.3	639.9	639.5	639.3	639.5	639.9
5°	638.3	638.5	638.9	639.3	639.8	639.3	638.9	638.5	638.3	638.5	638.9
5.5°	637.2	637.3	637.7	638.1	638.7	638.1	637.7	637.3	637.2	637.3	637.7
6°	635.9	636.2	636.4	636.7	637.5	636.7	636.4	636.2	635.9	636.2	636.4
6.5°	634.5	634.9	634.9	635.2	636.1	635.2	634.9	634.9	634.5	634.9	634.9
7°	633.1	633.4	633.3	633.6	634.5	633.6	633.3	633.4	633.1	633.4	633.3
7.5°	631.4	631.8	631.6	631.9	632.8	631.9	631.6	631.8	631.4	631.8	631.6
8°	629.6	630.0	629.8	630.0	631.0	630.0	629.8	630.0	629.6	630.0	629.8
8.5°	627.7	628.2	627.8	628.1	629.1	628.1	627.8	628.2	627.7	628.2	627.8
9°	625.7	626.2	625.7	626.0	627.0	626.0	625.7	626.2	625.7	626.2	625.7
9.5°	623.4	624.0	623.5	623.9	625.0	623.9	623.5	624.0	623.4	624.0	623.5
10°	621.2	621.7	621.0	621.6	622.8	621.6	621.0	621.7	621.2	621.7	621.0
10.5°	618.7	619.1	618.5	619.4	620.5	619.4	618.5	619.1	618.7	619.1	618.5
11°	616.2	616.5	615.9	617.0	618.1	617.0	615.9	616.5	616.2	616.5	615.9
11.5°	613.5	613.8	613.2	614.5	615.5	614.5	613.2	613.8	613.5	613.8	613.2
12°	610.8	610.9	610.3	611.9	612.9	611.9	610.3	610.9	610.8	610.9	610.3
12.5°	607.9	607.9	607.4	609.3	610.2	609.3	607.4	607.9	607.9	607.9	607.4
13°	605.0	604.9	604.4	606.5	607.5	606.5	604.4	604.9	605.0	604.9	604.4
13.5°	602.1	601.7	601.3	603.8	604.6	603.8	601.3	601.7	602.1	601.7	601.3
14°	599.0	598.5	598.2	600.8	601.6	600.8	598.2	598.5	599.0	598.5	598.2
14.5°	596.0	595.1	594.9	597.6	598.6	597.6	594.9	595.1	596.0	595.1	594.9
15°	592.7	591.8	591.6	594.4	595.4	594.4	591.6	591.8	592.7	591.8	591.6
15.5°	589.4	588.3	588.2	591.2	592.2	591.2	588.2	588.3	589.4	588.3	588.2
16°	586.0	584.8	584.7	587.7	588.9	587.7	584.7	584.8	586.0	584.8	584.7
16.5°	582.6	580.9	581.0	584.0	585.6	584.0	581.0	580.9	582.6	580.9	581.0
17°	579.0	577.2	577.1	580.2	582.2	580.2	577.1	577.2	579.0	577.2	577.1
17.5°	575.2	573.4	573.2	576.3	578.6	576.3	573.2	573.4	575.2	573.4	573.2
18°	571.2	569.4	569.1	572.2	574.9	572.2	569.1	569.4	571.2	569.4	569.1
18.5°	567.0	565.2	564.9	568.1	571.0	568.1	564.9	565.2	567.0	565.2	564.9
19°	562.7	560.9	560.4	563.9	567.0	563.9	560.4	560.9	562.7	560.9	560.4
19.5°	558.1	556.4	555.9	559.6	562.8	559.6	555.9	556.4	558.1	556.4	555.9
20°	553.5	551.9	551.3	555.1	558.4	555.1	551.3	551.9	553.5	551.9	551.3
20.5°	548.6	547.2	546.6	550.4	553.5	550.4	546.6	547.2	548.6	547.2	546.6
21°	543.6	542.2	541.7	545.4	548.5	545.4	541.7	542.2	543.6	542.2	541.7
21.5°	538.5	537.2	536.6	540.3	543.2	540.3	536.6	537.2	538.5	537.2	536.6
22°	533.0	532.0	531.5	534.9	537.6	534.9	531.5	532.0	533.0	532.0	531.5

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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°	527.4	526.5	526.4	529.6	531.8	529.6	526.4	526.5	527.4	526.5	526.4
23°	521.6	521.1	521.1	524.1	526.0	524.1	521.1	521.1	521.6	521.1	521.1
23.5°	515.7	515.5	515.8	518.4	520.0	518.4	515.8	515.5	515.7	515.5	515.8
24°	509.6	509.9	510.5	512.7	513.8	512.7	510.5	509.9	509.6	509.9	510.5
24.5°	503.5	504.1	505.0	506.8	507.4	506.8	505.0	504.1	503.5	504.1	505.0
25°	497.2	498.2	499.4	500.8	501.0	500.8	499.4	498.2	497.2	498.2	499.4
25.5°	490.8	492.3	493.6	494.6	494.2	494.6	493.6	492.3	490.8	492.3	493.6
26°	484.3	486.2	487.7	488.3	487.5	488.3	487.7	486.2	484.3	486.2	487.7
26.5°	477.7	480.0	481.6	481.8	480.5	481.8	481.6	480.0	477.7	480.0	481.6
27°	471.0	473.6	475.3	475.3	473.4	475.3	475.3	473.6	471.0	473.6	475.3
27.5°	464.2	467.0	468.8	468.6	466.4	468.6	468.8	467.0	464.2	467.0	468.8
28°	457.4	460.2	462.2	461.6	459.0	461.6	462.2	460.2	457.4	460.2	462.2
28.5°	450.1	453.3	455.3	454.5	451.7	454.5	455.3	453.3	450.1	453.3	455.3
29°	442.9	446.2	448.2	447.2	444.2	447.2	448.2	446.2	442.9	446.2	448.2
29.5°	435.5	438.9	441.0	439.8	436.7	439.8	441.0	438.9	435.5	438.9	441.0
30°	427.9	431.4	433.4	432.1	428.8	432.1	433.4	431.4	427.9	431.4	433.4
30.5°	420.4	423.8	425.6	424.2	420.9	424.2	425.6	423.8	420.4	423.8	425.6
31°	412.7	416.0	417.7	416.1	412.8	416.1	417.7	416.0	412.7	416.0	417.7
31.5°	404.8	408.0	409.5	407.9	404.6	407.9	409.5	408.0	404.8	408.0	409.5
32°	396.8	399.8	400.9	399.5	396.4	399.5	400.9	399.8	396.8	399.8	400.9
32.5°	388.9	391.6	392.4	391.0	388.0	391.0	392.4	391.6	388.9	391.6	392.4
33°	380.7	382.9	383.5	382.4	379.6	382.4	383.5	382.9	380.7	382.9	383.5
33.5°	372.8	374.4	374.6	373.5	371.1	373.5	374.6	374.4	372.8	374.4	374.6
34°	364.2	365.5	365.4	364.7	362.6	364.7	365.4	365.5	364.2	365.5	365.4
34.5°	355.8	356.7	356.2	355.6	354.0	355.6	356.2	356.7	355.8	356.7	356.2
35°	347.2	347.4	346.6	346.4	345.3	346.4	346.6	347.4	347.2	347.4	346.6
35.5°	338.4	338.1	337.0	337.2	336.7	337.2	337.0	338.1	338.4	338.1	337.0
36°	329.2	328.8	327.3	327.8	327.8	327.8	327.3	328.8	329.2	328.8	327.3
36.5°	320.1	319.3	317.6	318.4	318.9	318.4	317.6	319.3	320.1	319.3	317.6
37°	310.8	309.7	307.6	309.0	309.7	309.0	307.6	309.7	310.8	309.7	307.6
37.5°	301.3	300.0	297.7	299.5	300.2	299.5	297.7	300.0	301.3	300.0	297.7
38°	291.5	290.2	288.0	289.8	290.1	289.8	288.0	290.2	291.5	290.2	288.0
38.5°	281.9	280.5	278.2	280.1	280.4	280.1	278.2	280.5	281.9	280.5	278.2
39°	272.0	270.2	268.5	270.3	270.7	270.3	268.5	270.2	272.0	270.2	268.5
39.5°	261.7	260.3	258.8	260.5	261.0	260.5	258.8	260.3	261.7	260.3	258.8
40°	251.5	250.6	249.2	250.6	251.4	250.6	249.2	250.6	251.5	250.6	249.2
40.5°	241.5	241.0	239.7	240.8	241.7	240.8	239.7	241.0	241.5	241.0	239.7
41°	231.3	231.3	230.0	230.9	231.8	230.9	230.0	231.3	231.3	231.3	230.0
41.5°	221.2	221.5	220.2	221.2	221.8	221.2	220.2	221.5	221.2	221.5	220.2
42°	211.2	211.6	210.7	211.5	211.9	211.5	210.7	211.6	211.2	211.6	210.7
42.5°	201.3	201.9	201.4	202.1	202.0	202.1	201.4	201.9	201.3	201.9	201.4
43°	191.6	192.1	192.2	192.7	192.1	192.7	192.2	192.1	191.6	192.1	192.2
43.5°	182.0	182.5	183.0	183.4	182.2	183.4	183.0	182.5	182.0	182.5	183.0
44°	172.5	172.9	173.8	174.2	172.7	174.2	173.8	172.9	172.5	172.9	173.8
44.5°	163.1	163.7	165.0	165.4	163.5	165.4	165.0	163.7	163.1	163.7	165.0

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	153.9	154.7	156.3	156.3	154.3	156.3	156.3	154.7	153.9	154.7	156.3
45.5°	144.8	145.9	147.6	147.4	145.5	147.4	147.6	145.9	144.8	145.9	147.6
46°	135.9	137.2	138.9	138.8	136.8	138.8	138.9	137.2	135.9	137.2	138.9
46.5°	127.4	128.8	130.5	130.4	128.4	130.4	130.5	128.8	127.4	128.8	130.5
47°	119.0	120.6	122.2	122.2	120.3	122.2	122.2	120.6	119.0	120.6	122.2
47.5°	110.9	112.5	114.0	114.2	112.5	114.2	114.0	112.5	110.9	112.5	114.0
48°	103.1	104.7	106.0	106.3	104.9	106.3	106.0	104.7	103.1	104.7	106.0
48.5°	95.7	97.1	98.3	98.8	97.6	98.8	98.3	97.1	95.7	97.1	98.3
49°	88.7	89.9	90.8	91.5	90.5	91.5	90.8	89.9	88.7	89.9	90.8
49.5°	82.2	83.1	83.8	84.5	83.9	84.5	83.8	83.1	82.2	83.1	83.8
50°	75.8	76.5	77.1	78.0	77.7	78.0	77.1	76.5	75.8	76.5	77.1
50.5°	69.6	70.1	70.5	71.5	71.6	71.5	70.5	70.1	69.6	70.1	70.5
51°	63.6	63.8	64.1	65.2	65.5	65.2	64.1	63.8	63.6	63.8	64.1
51.5°	58.2	57.9	57.9	59.3	59.7	59.3	57.9	57.9	58.2	57.9	57.9
52°	53.0	52.5	52.1	53.6	54.1	53.6	52.1	52.5	53.0	52.5	52.1
52.5°	48.1	47.5	46.9	48.4	48.9	48.4	46.9	47.5	48.1	47.5	46.9
53°	43.6	42.8	42.0	43.6	44.1	43.6	42.0	42.8	43.6	42.8	42.0
53.5°	39.3	38.4	37.7	39.1	39.4	39.1	37.7	38.4	39.3	38.4	37.7
54°	35.1	34.4	33.7	34.9	35.1	34.9	33.7	34.4	35.1	34.4	33.7
54.5°	31.3	30.6	29.9	31.0	31.2	31.0	29.9	30.6	31.3	30.6	29.9
55°	27.7	27.1	26.5	27.3	27.4	27.3	26.5	27.1	27.7	27.1	26.5
55.5°	24.3	23.8	23.4	23.9	23.9	23.9	23.4	23.8	24.3	23.8	23.4
56°	21.3	20.9	20.5	20.9	20.9	20.9	20.5	20.9	21.3	20.9	20.5
56.5°	18.4	18.3	17.8	18.0	18.0	18.0	17.8	18.3	18.4	18.3	17.8
57°	15.8	15.6	15.1	15.2	15.3	15.2	15.1	15.6	15.8	15.6	15.1
57.5°	13.1	13.1	12.6	12.6	12.7	12.6	12.6	13.1	13.1	13.1	12.6
58°	10.5	10.5	10.1	10.1	10.0	10.1	10.1	10.5	10.5	10.5	10.1
58.5°	8.1	8.2	7.7	7.7	7.7	7.7	7.7	8.2	8.1	8.2	7.7
59°	5.7	5.9	5.3	5.3	5.3	5.3	5.3	5.9	5.7	5.9	5.3
59.5°	4.0	4.0	3.3	3.3	3.5	3.3	3.3	4.0	4.0	4.0	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	1.9	1.5	1.4	1.8	1.4	1.5	1.9	1.7	1.9	1.5
61°	1.4	1.5	1.2	1.1	1.5	1.1	1.2	1.5	1.4	1.5	1.2
61.5°	1.1	1.2	0.9	0.9	1.1	0.9	0.9	1.2	1.1	1.2	0.9
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	0.5	0.4	0.4	0.3	0.4	0.4	0.5	0.5	0.5	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	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	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: P1590629

CATALOG NUMBER: HCDLS510CSD6TRMW-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	0.1	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: P1590629

CATALOG NUMBER: HCDLS510CSD6TRMW-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: P1590629

CATALOG NUMBER: HCDLS510CSD6TRMW-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°	0.0	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	0.1	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: P1590629

CATALOG NUMBER: HCDLS510CSD6TRMW-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°	0.1	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°	0.2	0.2	0.2	0.2	0.1	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°	0.2	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°	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2
151.5°	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.2
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: P1590629

CATALOG NUMBER: HCDLS510CSD6TRMW-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: P1590629
CATALOG NUMBER: HCDLS510CSD6TRMW-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: P1590629

CATALOG NUMBER: HCDLS510CSD6TRMW-ME-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	643.9	643.9	643.9	643.9	643.9	643.9
0.5°	643.9	643.8	643.9	644.0	643.7	643.6
1°	643.8	643.6	643.8	643.8	643.5	643.4
1.5°	643.6	643.5	643.6	643.6	643.2	643.1
2°	643.3	643.3	643.3	643.3	642.9	642.7
2.5°	643.0	643.0	643.0	642.8	642.4	642.2
3°	642.4	642.6	642.4	642.2	641.8	641.7
3.5°	641.9	642.1	641.9	641.5	641.1	640.9
4°	641.1	641.5	641.1	640.8	640.4	640.1
4.5°	640.3	640.7	640.3	639.9	639.5	639.3
5°	639.3	639.8	639.3	638.9	638.5	638.3
5.5°	638.1	638.7	638.1	637.7	637.3	637.2
6°	636.7	637.5	636.7	636.4	636.2	635.9
6.5°	635.2	636.1	635.2	634.9	634.9	634.5
7°	633.6	634.5	633.6	633.3	633.4	633.1
7.5°	631.9	632.8	631.9	631.6	631.8	631.4
8°	630.0	631.0	630.0	629.8	630.0	629.6
8.5°	628.1	629.1	628.1	627.8	628.2	627.7
9°	626.0	627.0	626.0	625.7	626.2	625.7
9.5°	623.9	625.0	623.9	623.5	624.0	623.4
10°	621.6	622.8	621.6	621.0	621.7	621.2
10.5°	619.4	620.5	619.4	618.5	619.1	618.7
11°	617.0	618.1	617.0	615.9	616.5	616.2
11.5°	614.5	615.5	614.5	613.2	613.8	613.5
12°	611.9	612.9	611.9	610.3	610.9	610.8
12.5°	609.3	610.2	609.3	607.4	607.9	607.9
13°	606.5	607.5	606.5	604.4	604.9	605.0
13.5°	603.8	604.6	603.8	601.3	601.7	602.1
14°	600.8	601.6	600.8	598.2	598.5	599.0
14.5°	597.6	598.6	597.6	594.9	595.1	596.0
15°	594.4	595.4	594.4	591.6	591.8	592.7
15.5°	591.2	592.2	591.2	588.2	588.3	589.4
16°	587.7	588.9	587.7	584.7	584.8	586.0
16.5°	584.0	585.6	584.0	581.0	580.9	582.6
17°	580.2	582.2	580.2	577.1	577.2	579.0
17.5°	576.3	578.6	576.3	573.2	573.4	575.2
18°	572.2	574.9	572.2	569.1	569.4	571.2
18.5°	568.1	571.0	568.1	564.9	565.2	567.0
19°	563.9	567.0	563.9	560.4	560.9	562.7
19.5°	559.6	562.8	559.6	555.9	556.4	558.1
20°	555.1	558.4	555.1	551.3	551.9	553.5
20.5°	550.4	553.5	550.4	546.6	547.2	548.6
21°	545.4	548.5	545.4	541.7	542.2	543.6
21.5°	540.3	543.2	540.3	536.6	537.2	538.5
22°	534.9	537.6	534.9	531.5	532.0	533.0

TEST NUMBER: P1590629

CATALOG NUMBER: HCDLS510CSD6TRMW-ME-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	529.6	531.8	529.6	526.4	526.5	527.4
23°	524.1	526.0	524.1	521.1	521.1	521.6
23.5°	518.4	520.0	518.4	515.8	515.5	515.7
24°	512.7	513.8	512.7	510.5	509.9	509.6
24.5°	506.8	507.4	506.8	505.0	504.1	503.5
25°	500.8	501.0	500.8	499.4	498.2	497.2
25.5°	494.6	494.2	494.6	493.6	492.3	490.8
26°	488.3	487.5	488.3	487.7	486.2	484.3
26.5°	481.8	480.5	481.8	481.6	480.0	477.7
27°	475.3	473.4	475.3	475.3	473.6	471.0
27.5°	468.6	466.4	468.6	468.8	467.0	464.2
28°	461.6	459.0	461.6	462.2	460.2	457.4
28.5°	454.5	451.7	454.5	455.3	453.3	450.1
29°	447.2	444.2	447.2	448.2	446.2	442.9
29.5°	439.8	436.7	439.8	441.0	438.9	435.5
30°	432.1	428.8	432.1	433.4	431.4	427.9
30.5°	424.2	420.9	424.2	425.6	423.8	420.4
31°	416.1	412.8	416.1	417.7	416.0	412.7
31.5°	407.9	404.6	407.9	409.5	408.0	404.8
32°	399.5	396.4	399.5	400.9	399.8	396.8
32.5°	391.0	388.0	391.0	392.4	391.6	388.9
33°	382.4	379.6	382.4	383.5	382.9	380.7
33.5°	373.5	371.1	373.5	374.6	374.4	372.8
34°	364.7	362.6	364.7	365.4	365.5	364.2
34.5°	355.6	354.0	355.6	356.2	356.7	355.8
35°	346.4	345.3	346.4	346.6	347.4	347.2
35.5°	337.2	336.7	337.2	337.0	338.1	338.4
36°	327.8	327.8	327.8	327.3	328.8	329.2
36.5°	318.4	318.9	318.4	317.6	319.3	320.1
37°	309.0	309.7	309.0	307.6	309.7	310.8
37.5°	299.5	300.2	299.5	297.7	300.0	301.3
38°	289.8	290.1	289.8	288.0	290.2	291.5
38.5°	280.1	280.4	280.1	278.2	280.5	281.9
39°	270.3	270.7	270.3	268.5	270.2	272.0
39.5°	260.5	261.0	260.5	258.8	260.3	261.7
40°	250.6	251.4	250.6	249.2	250.6	251.5
40.5°	240.8	241.7	240.8	239.7	241.0	241.5
41°	230.9	231.8	230.9	230.0	231.3	231.3
41.5°	221.2	221.8	221.2	220.2	221.5	221.2
42°	211.5	211.9	211.5	210.7	211.6	211.2
42.5°	202.1	202.0	202.1	201.4	201.9	201.3
43°	192.7	192.1	192.7	192.2	192.1	191.6
43.5°	183.4	182.2	183.4	183.0	182.5	182.0
44°	174.2	172.7	174.2	173.8	172.9	172.5
44.5°	165.4	163.5	165.4	165.0	163.7	163.1

TEST NUMBER: P1590629

CATALOG NUMBER: HCDLS510CSD6TRMW-ME-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	156.3	154.3	156.3	156.3	154.7	153.9
45.5°	147.4	145.5	147.4	147.6	145.9	144.8
46°	138.8	136.8	138.8	138.9	137.2	135.9
46.5°	130.4	128.4	130.4	130.5	128.8	127.4
47°	122.2	120.3	122.2	122.2	120.6	119.0
47.5°	114.2	112.5	114.2	114.0	112.5	110.9
48°	106.3	104.9	106.3	106.0	104.7	103.1
48.5°	98.8	97.6	98.8	98.3	97.1	95.7
49°	91.5	90.5	91.5	90.8	89.9	88.7
49.5°	84.5	83.9	84.5	83.8	83.1	82.2
50°	78.0	77.7	78.0	77.1	76.5	75.8
50.5°	71.5	71.6	71.5	70.5	70.1	69.6
51°	65.2	65.5	65.2	64.1	63.8	63.6
51.5°	59.3	59.7	59.3	57.9	57.9	58.2
52°	53.6	54.1	53.6	52.1	52.5	53.0
52.5°	48.4	48.9	48.4	46.9	47.5	48.1
53°	43.6	44.1	43.6	42.0	42.8	43.6
53.5°	39.1	39.4	39.1	37.7	38.4	39.3
54°	34.9	35.1	34.9	33.7	34.4	35.1
54.5°	31.0	31.2	31.0	29.9	30.6	31.3
55°	27.3	27.4	27.3	26.5	27.1	27.7
55.5°	23.9	23.9	23.9	23.4	23.8	24.3
56°	20.9	20.9	20.9	20.5	20.9	21.3
56.5°	18.0	18.0	18.0	17.8	18.3	18.4
57°	15.2	15.3	15.2	15.1	15.6	15.8
57.5°	12.6	12.7	12.6	12.6	13.1	13.1
58°	10.1	10.0	10.1	10.1	10.5	10.5
58.5°	7.7	7.7	7.7	7.7	8.2	8.1
59°	5.3	5.3	5.3	5.3	5.9	5.7
59.5°	3.3	3.5	3.3	3.3	4.0	4.0
60°	2.0	2.2	2.0	2.2	2.6	2.7
60.5°	1.4	1.8	1.4	1.5	1.9	1.7
61°	1.1	1.5	1.1	1.2	1.5	1.4
61.5°	0.9	1.1	0.9	0.9	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	0.5	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	0.4	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: P1590629

CATALOG NUMBER: HCDLS510CSD6TRMW-ME-3500K

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: P1590629

CATALOG NUMBER: HCDLS510CSD6TRMW-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: P1590629

CATALOG NUMBER: HCDLS510CSD6TRMW-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°	0.0	0.0	0.0	0.0	0.0	0.0
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: P1590629

CATALOG NUMBER: HCDLS510CSD6TRMW-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	0.1
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°	0.2	0.1	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	0.2	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	0.3
151.5°	0.2	0.2	0.2	0.2	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: P1590629

CATALOG NUMBER: HCDLS510CSD6TRMW-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: P1590629

CATALOG NUMBER: HCDLS510CSD6TRMW-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: P1590629

CATALOG NUMBER: HCDLS510CSD6TRMW-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	5.2	6.3	5.6	6.7	7.0	5.0	6.1	5.3	6.4	6.7
	3H	5.1	6.0	5.4	6.4	6.7	4.8	5.8	5.2	6.1	6.5
	4H	5.0	5.9	5.4	6.2	6.6	4.7	5.6	5.1	6.0	6.3
	6H	4.9	5.7	5.3	6.1	6.5	4.6	5.4	5.0	5.8	6.2
	8H	4.8	5.6	5.2	6.0	6.4	4.5	5.3	5.0	5.7	6.1
	12H	4.8	5.5	5.2	5.9	6.3	4.5	5.2	4.9	5.6	6.1
4H	2H	5.0	5.9	5.4	6.2	6.6	4.7	5.6	5.1	6.0	6.3
	3H	4.8	5.5	5.2	5.9	6.3	4.5	5.2	4.9	5.7	6.1
	4H	4.7	5.3	5.1	5.7	6.2	4.4	5.1	4.8	5.5	5.9
	6H	4.6	5.1	5.0	5.6	6.1	4.3	4.9	4.8	5.3	5.8
	8H	4.5	5.0	5.0	5.5	5.9	4.2	4.8	4.7	5.2	5.7
	12H	4.4	4.9	4.9	5.4	5.9	4.2	4.6	4.7	5.1	5.6
8H	4H	4.5	5.0	5.0	5.5	5.9	4.2	4.8	4.7	5.2	5.7
	6H	4.4	4.8	4.9	5.3	5.8	4.1	4.5	4.6	5.0	5.5
	8H	4.3	4.7	4.8	5.2	5.7	4.0	4.4	4.6	4.9	5.4
	12H	4.3	4.6	4.8	5.1	5.7	4.0	4.3	4.5	4.8	5.4
12H	4H	4.4	4.9	4.9	5.4	5.9	4.2	4.6	4.7	5.1	5.6
	6H	4.3	4.7	4.9	5.2	5.7	4.0	4.4	4.6	4.9	5.4
	8H	4.3	4.6	4.8	5.1	5.7	4.0	4.3	4.5	4.8	5.4

(END OF REPORT)