

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: P1590604

Luminaire Tested: HCDLS510CSD6TRH-HI-3500K

Issue Date: 9/4/2026

Test Information

Test Method: LM-79-2019
Report Number: P1590604
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-HI-3500K
Description: 6" Selectable Round Trim+ Haze (Semi-specular) 1000 Lumens 3500K

Light Source:
Ballast/Driver: -

Summary

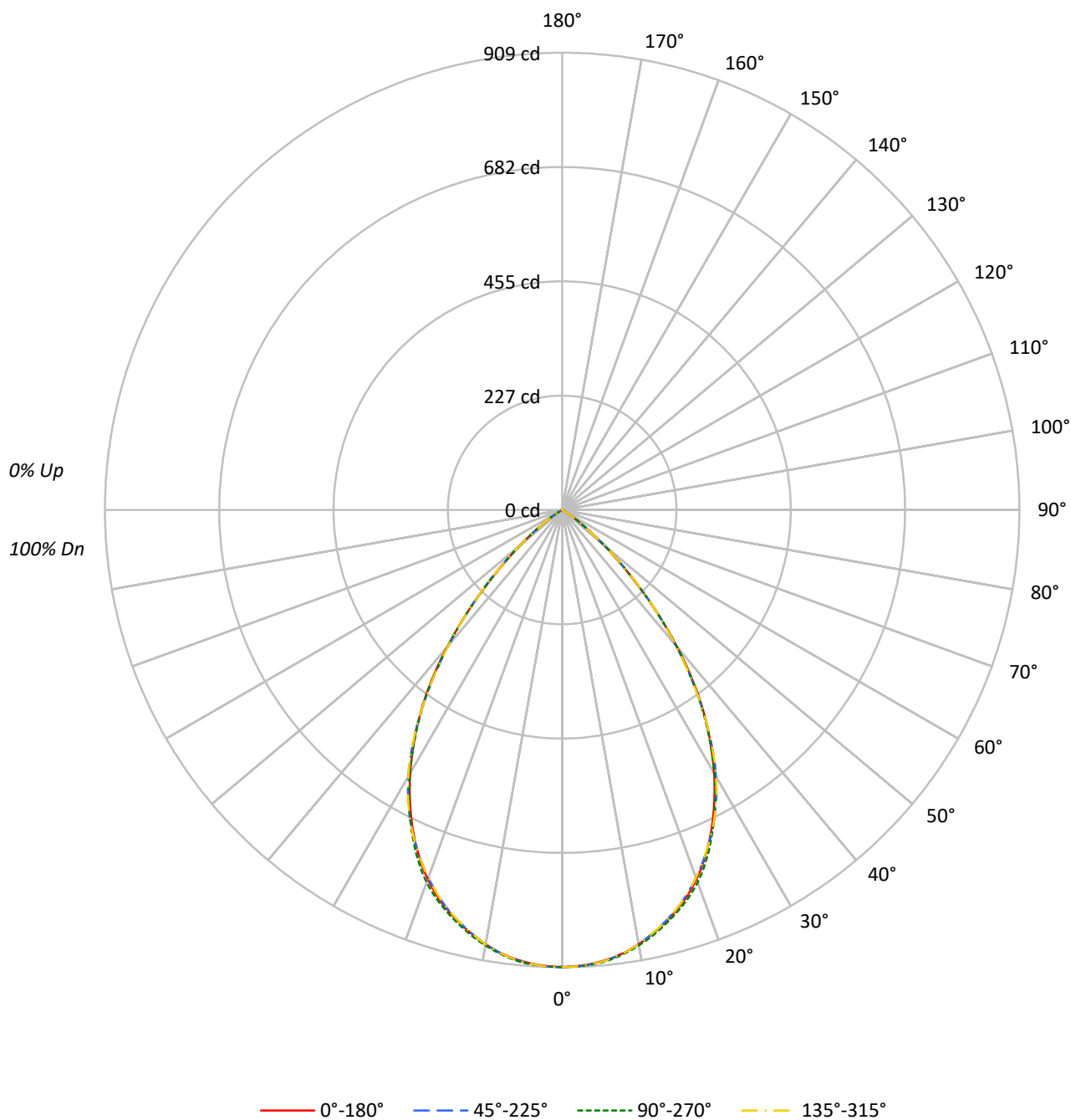
Lumens per Lamp: N/A
Luminaire Lumens: 1155.0 lumens
Efficiency: N/A
Efficacy: 104.1 lumens/watt
Spacing Criteria (0/90/45): 1.05 / 1.05 / 1.06
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.98
Total Harmonic Distortion (THDi): =20%
Frequency (hertz): 60
Stabilization Time: HR
Operation Time: HR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P1590604

CATALOG NUMBER: HCDLS510CSD6TRH-HI-3500K

Luminous Intensity Polar Plot



TEST NUMBER: P1590604

CATALOG NUMBER: HCDLS510CSD6TRH-HI-3500K

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			0
RCR																				
0	119	119	119	119	116	116	116	116		111	111	111			106	106	106			100
1	113	110	107	105	110	108	105	103		104	102	100			100	98	97			92
2	107	101	97	93	104	99	95	92		96	93	90			93	90	88			84
3	100	93	88	83	98	92	87	83		89	85	81			87	83	80			77
4	94	86	80	75	92	85	79	75		83	78	74			80	76	73			70
5	89	79	73	68	87	78	72	68		77	71	67			75	70	67			64
6	84	74	67	62	82	73	67	62		71	66	61			70	65	61			59
7	79	68	62	57	77	68	61	57		66	61	56			65	60	56			54
8	74	64	57	52	73	63	57	52		62	56	52			61	56	52			50
9	70	59	53	48	69	59	53	48		58	52	48			57	52	48			46
10	66	56	49	45	65	55	49	45		54	49	45			54	48	45			43

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	49815	49815	49815	49815
5°	49571	49692	49571	49692
10°	48802	48925	48802	48925
15°	47475	47690	47475	47690
20°	45568	45971	45568	45971
25°	42444	42765	42444	42765
30°	38227	38310	38227	38310
35°	32792	32618	32792	32618
40°	25405	25390	25405	25390
45°	16839	16885	16839	16885
50°	9125	9347	9125	9347
55°	3737	3699	3737	3699
60°	417	351	417	351
65°	65	39	65	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: 17103 cd/sqm

TEST NUMBER: P1590604

CATALOG NUMBER: HCDLS510CSD6TRH-HI-3500K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	85.3	7.4
10°-20°	235.0	20.4
20°-30°	322.3	27.9
30°-40°	302.2	26.2
40°-50°	170.1	14.7
50°-60°	38.7	3.4
60°-70°	0.7	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°	0.2	0.0
150°-160°	0.2	0.0
160°-170°	0.1	0.0
170°-180°	0.0	0.0
0°-30°	642.6	55.6
0°-40°	944.8	81.8
0°-60°	1153.6	99.9
0°-90°	1154.3	99.9
90°-120°	0.0	0.0
90°-150°	0.4	0.0
90°-180°	1.0	0.1
0°-180°	1155.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	909	909	909	909	909	
5°	901	903	901	903	901	85
15°	836	840	836	840	836	235
25°	702	707	702	707	702	321
35°	490	487	490	487	490	302
45°	217	218	217	218	217	169
55°	39	39	39	39	39	39
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

TEST NUMBER: P1590604

CATALOG NUMBER: HCDLS510CSD6TRH-HI-3500K

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	908.7	908.7	908.7	908.7	908.7	908.7	908.7	908.7	908.7	908.7	908.7
0.5°	908.3	908.5	908.9	908.8	908.5	908.8	908.9	908.5	908.3	908.5	908.9
1°	908.1	908.2	908.6	908.6	908.3	908.6	908.6	908.2	908.1	908.2	908.6
1.5°	907.6	907.8	908.3	908.3	908.1	908.3	908.3	907.8	907.6	907.8	908.3
2°	907.1	907.3	907.9	907.9	907.9	907.9	907.9	907.3	907.1	907.3	907.9
2.5°	906.4	906.6	907.2	907.4	907.4	907.4	907.2	906.6	906.4	906.6	907.2
3°	905.6	905.8	906.4	906.7	906.9	906.7	906.4	905.8	905.6	905.8	906.4
3.5°	904.5	904.8	905.4	905.9	906.2	905.9	905.4	904.8	904.5	904.8	905.4
4°	903.4	903.8	904.3	904.8	905.3	904.8	904.3	903.8	903.4	903.8	904.3
4.5°	902.2	902.5	903.1	903.6	904.2	903.6	903.1	902.5	902.2	902.5	903.1
5°	900.8	901.1	901.7	902.2	903.0	902.2	901.7	901.1	900.8	901.1	901.7
5.5°	899.2	899.5	899.9	900.5	901.4	900.5	899.9	899.5	899.2	899.5	899.9
6°	897.4	897.8	898.1	898.6	899.7	898.6	898.1	897.8	897.4	897.8	898.1
6.5°	895.4	896.0	896.0	896.5	897.7	896.5	896.0	896.0	895.4	896.0	896.0
7°	893.4	893.9	893.7	894.2	895.5	894.2	893.7	893.9	893.4	893.9	893.7
7.5°	891.1	891.7	891.4	891.7	893.0	891.7	891.4	891.7	891.1	891.7	891.4
8°	888.6	889.2	888.8	889.1	890.5	889.1	888.8	889.2	888.6	889.2	888.8
8.5°	885.9	886.6	886.1	886.4	887.8	886.4	886.1	886.6	885.9	886.6	886.1
9°	883.0	883.7	883.1	883.5	884.9	883.5	883.1	883.7	883.0	883.7	883.1
9.5°	879.8	880.6	879.9	880.5	882.1	880.5	879.9	880.6	879.8	880.6	879.9
10°	876.7	877.4	876.5	877.3	878.9	877.3	876.5	877.4	876.7	877.4	876.5
10.5°	873.2	873.8	872.9	874.1	875.7	874.1	872.9	873.8	873.2	873.8	872.9
11°	869.6	870.1	869.2	870.7	872.3	870.7	869.2	870.1	869.6	870.1	869.2
11.5°	865.8	866.2	865.3	867.2	868.7	867.2	865.3	866.2	865.8	866.2	865.3
12°	862.0	862.2	861.3	863.6	865.0	863.6	861.3	862.2	862.0	862.2	861.3
12.5°	857.9	857.9	857.2	859.8	861.1	859.8	857.2	857.9	857.9	857.9	857.2
13°	853.9	853.7	853.0	856.0	857.3	856.0	853.0	853.7	853.9	853.7	853.0
13.5°	849.7	849.2	848.7	852.1	853.3	852.1	848.7	849.2	849.7	849.2	848.7
14°	845.4	844.7	844.2	847.8	849.0	847.8	844.2	844.7	845.4	844.7	844.2
14.5°	841.1	839.9	839.6	843.5	844.7	843.5	839.6	839.9	841.1	839.9	839.6
15°	836.5	835.2	834.9	838.9	840.3	838.9	834.9	835.2	836.5	835.2	834.9
15.5°	831.8	830.2	830.2	834.4	835.8	834.4	830.2	830.2	831.8	830.2	830.2
16°	827.0	825.3	825.2	829.4	831.1	829.4	825.2	825.3	827.0	825.3	825.2
16.5°	822.2	819.9	820.0	824.2	826.5	824.2	820.0	819.9	822.2	819.9	820.0
17°	817.2	814.6	814.5	818.9	821.6	818.9	814.5	814.6	817.2	814.6	814.5
17.5°	811.7	809.2	808.9	813.3	816.6	813.3	808.9	809.2	811.7	809.2	808.9
18°	806.1	803.5	803.1	807.5	811.3	807.5	803.1	803.5	806.1	803.5	803.1
18.5°	800.1	797.6	797.2	801.8	805.8	801.8	797.2	797.6	800.1	797.6	797.2
19°	794.1	791.6	790.9	795.9	800.1	795.9	790.9	791.6	794.1	791.6	790.9
19.5°	787.7	785.3	784.5	789.8	794.3	789.8	784.5	785.3	787.7	785.3	784.5
20°	781.1	778.9	778.1	783.3	788.0	783.3	778.1	778.9	781.1	778.9	778.1
20.5°	774.3	772.2	771.4	776.7	781.1	776.7	771.4	772.2	774.3	772.2	771.4
21°	767.2	765.3	764.4	769.7	774.0	769.7	764.4	765.3	767.2	765.3	764.4
21.5°	760.0	758.1	757.3	762.5	766.5	762.5	757.3	758.1	760.0	758.1	757.3
22°	752.3	750.8	750.1	755.0	758.7	755.0	750.1	750.8	752.3	750.8	750.1

TEST NUMBER: P1590604

CATALOG NUMBER: HCDLS510CSD6TRH-HI-3500K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
22.5°	744.3	743.1	742.9	747.4	750.6	747.4	742.9	743.1	744.3	743.1	742.9
23°	736.2	735.5	735.5	739.6	742.3	739.6	735.5	735.5	736.2	735.5	735.5
23.5°	727.9	727.5	728.0	731.6	733.8	731.6	728.0	727.5	727.9	727.5	728.0
24°	719.2	719.6	720.5	723.5	725.1	723.5	720.5	719.6	719.2	719.6	720.5
24.5°	710.5	711.5	712.7	715.2	716.0	715.2	712.7	711.5	710.5	711.5	712.7
25°	701.7	703.2	704.7	706.7	707.0	706.7	704.7	703.2	701.7	703.2	704.7
25.5°	692.7	694.7	696.6	698.0	697.5	698.0	696.6	694.7	692.7	694.7	696.6
26°	683.5	686.1	688.3	689.1	687.9	689.1	688.3	686.1	683.5	686.1	688.3
26.5°	674.2	677.4	679.6	680.0	678.1	680.0	679.6	677.4	674.2	677.4	679.6
27°	664.7	668.3	670.8	670.8	668.2	670.8	670.8	668.3	664.7	668.3	670.8
27.5°	655.1	659.0	661.7	661.3	658.2	661.3	661.7	659.0	655.1	659.0	661.7
28°	645.5	649.5	652.2	651.5	647.7	651.5	652.2	649.5	645.5	649.5	652.2
28.5°	635.2	639.7	642.6	641.5	637.4	641.5	642.6	639.7	635.2	639.7	642.6
29°	625.1	629.8	632.6	631.2	626.9	631.2	632.6	629.8	625.1	629.8	632.6
29.5°	614.6	619.4	622.4	620.7	616.3	620.7	622.4	619.4	614.6	619.4	622.4
30°	603.9	608.8	611.7	609.8	605.2	609.8	611.7	608.8	603.9	608.8	611.7
30.5°	593.3	598.1	600.7	598.6	594.1	598.6	600.7	598.1	593.3	598.1	600.7
31°	582.4	587.1	589.5	587.2	582.5	587.2	589.5	587.1	582.4	587.1	589.5
31.5°	571.3	575.9	577.9	575.7	571.0	575.7	577.9	575.9	571.3	575.9	577.9
32°	560.1	564.2	565.8	563.8	559.4	563.8	565.8	564.2	560.1	564.2	565.8
32.5°	548.8	552.7	553.7	551.9	547.6	551.9	553.7	552.7	548.8	552.7	553.7
33°	537.3	540.4	541.3	539.7	535.8	539.7	541.3	540.4	537.3	540.4	541.3
33.5°	526.1	528.3	528.7	527.2	523.7	527.2	528.7	528.3	526.1	528.3	528.7
34°	514.0	515.8	515.6	514.7	511.8	514.7	515.6	515.8	514.0	515.8	515.6
34.5°	502.1	503.4	502.7	501.8	499.7	501.8	502.7	503.4	502.1	503.4	502.7
35°	490.0	490.2	489.2	488.9	487.4	488.9	489.2	490.2	490.0	490.2	489.2
35.5°	477.6	477.2	475.7	475.8	475.1	475.8	475.7	477.2	477.6	477.2	475.7
36°	464.6	464.0	461.9	462.6	462.6	462.6	461.9	464.0	464.6	464.0	461.9
36.5°	451.8	450.7	448.2	449.3	450.1	449.3	448.2	450.7	451.8	450.7	448.2
37°	438.7	437.0	434.1	436.1	437.0	436.1	434.1	437.0	438.7	437.0	434.1
37.5°	425.2	423.4	420.2	422.7	423.6	422.7	420.2	423.4	425.2	423.4	420.2
38°	411.4	409.6	406.4	409.0	409.4	409.0	406.4	409.6	411.4	409.6	406.4
38.5°	397.8	395.9	392.6	395.2	395.7	395.2	392.6	395.9	397.8	395.9	392.6
39°	383.9	381.4	378.9	381.5	382.0	381.5	378.9	381.4	383.9	381.4	378.9
39.5°	369.4	367.4	365.3	367.7	368.4	367.7	365.3	367.4	369.4	367.4	365.3
40°	355.0	353.7	351.7	353.7	354.8	353.7	351.7	353.7	355.0	353.7	351.7
40.5°	340.8	340.1	338.2	339.8	341.2	339.8	338.2	340.1	340.8	340.1	338.2
41°	326.4	326.4	324.5	325.9	327.1	325.9	324.5	326.4	326.4	326.4	324.5
41.5°	312.2	312.6	310.8	312.1	313.1	312.1	310.8	312.6	312.2	312.6	310.8
42°	298.1	298.7	297.4	298.4	299.0	298.4	297.4	298.7	298.1	298.7	297.4
42.5°	284.1	284.9	284.2	285.2	285.1	285.2	284.2	284.9	284.1	284.9	284.2
43°	270.4	271.1	271.2	272.0	271.1	272.0	271.2	271.1	270.4	271.1	271.2
43.5°	256.8	257.6	258.2	258.8	257.2	258.8	258.2	257.6	256.8	257.6	258.2
44°	243.5	244.0	245.3	245.9	243.8	245.9	245.3	244.0	243.5	244.0	245.3
44.5°	230.2	231.1	232.8	233.4	230.7	233.4	232.8	231.1	230.2	231.1	232.8

TEST NUMBER: P1590604

CATALOG NUMBER: HCDLS510CSD6TRH-HI-3500K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	217.2	218.3	220.5	220.6	217.8	220.6	220.5	218.3	217.2	218.3	220.5
45.5°	204.4	205.9	208.3	208.1	205.3	208.1	208.3	205.9	204.4	205.9	208.3
46°	191.8	193.6	196.1	195.9	193.1	195.9	196.1	193.6	191.8	193.6	196.1
46.5°	179.7	181.8	184.1	184.1	181.3	184.1	184.1	181.8	179.7	181.8	184.1
47°	167.9	170.2	172.4	172.5	169.8	172.5	172.4	170.2	167.9	170.2	172.4
47.5°	156.6	158.8	160.9	161.2	158.8	161.2	160.9	158.8	156.6	158.8	160.9
48°	145.5	147.8	149.7	150.0	148.0	150.0	149.7	147.8	145.5	147.8	149.7
48.5°	135.1	137.1	138.7	139.5	137.7	139.5	138.7	137.1	135.1	137.1	138.7
49°	125.2	126.9	128.1	129.1	127.8	129.1	128.1	126.9	125.2	126.9	128.1
49.5°	116.0	117.3	118.3	119.3	118.4	119.3	118.3	117.3	116.0	117.3	118.3
50°	107.0	108.0	108.8	110.0	109.6	110.0	108.8	108.0	107.0	108.0	108.8
50.5°	98.2	98.9	99.5	100.9	101.0	100.9	99.5	98.9	98.2	98.9	99.5
51°	89.7	90.0	90.4	92.0	92.5	92.0	90.4	90.0	89.7	90.0	90.4
51.5°	82.2	81.7	81.7	83.7	84.3	83.7	81.7	81.7	82.2	81.7	81.7
52°	74.8	74.1	73.6	75.6	76.3	75.6	73.6	74.1	74.8	74.1	73.6
52.5°	67.9	67.0	66.2	68.3	69.0	68.3	66.2	67.0	67.9	67.0	66.2
53°	61.5	60.4	59.3	61.6	62.2	61.6	59.3	60.4	61.5	60.4	59.3
53.5°	55.4	54.2	53.2	55.2	55.6	55.2	53.2	54.2	55.4	54.2	53.2
54°	49.6	48.5	47.5	49.3	49.6	49.3	47.5	48.5	49.6	48.5	47.5
54.5°	44.2	43.1	42.2	43.7	44.0	43.7	42.2	43.1	44.2	43.1	42.2
55°	39.1	38.2	37.4	38.5	38.7	38.5	37.4	38.2	39.1	38.2	37.4
55.5°	34.3	33.6	33.1	33.7	33.8	33.7	33.1	33.6	34.3	33.6	33.1
56°	30.1	29.6	28.9	29.4	29.4	29.4	28.9	29.6	30.1	29.6	28.9
56.5°	26.0	25.8	25.1	25.4	25.4	25.4	25.1	25.8	26.0	25.8	25.1
57°	22.3	22.1	21.4	21.5	21.7	21.5	21.4	22.1	22.3	22.1	21.4
57.5°	18.5	18.5	17.7	17.7	17.9	17.7	17.7	18.5	18.5	18.5	17.7
58°	14.8	14.9	14.3	14.2	14.1	14.2	14.3	14.9	14.8	14.9	14.3
58.5°	11.5	11.6	10.8	10.8	10.8	10.8	10.8	11.6	11.5	11.6	10.8
59°	8.1	8.3	7.4	7.5	7.5	7.5	7.4	8.3	8.1	8.3	7.4
59.5°	5.7	5.6	4.7	4.7	5.0	4.7	4.7	5.6	5.7	5.6	4.7
60°	3.8	3.7	3.1	2.9	3.2	2.9	3.1	3.7	3.8	3.7	3.1
60.5°	2.4	2.6	2.1	1.9	2.6	1.9	2.1	2.6	2.4	2.6	2.1
61°	2.0	2.2	1.6	1.5	2.1	1.5	1.6	2.2	2.0	2.2	1.6
61.5°	1.6	1.7	1.2	1.2	1.6	1.2	1.2	1.7	1.6	1.7	1.2
62°	1.3	1.3	1.0	0.9	1.1	0.9	1.0	1.3	1.3	1.3	1.0
62.5°	0.9	1.0	0.8	0.7	0.7	0.7	0.8	1.0	0.9	1.0	0.8
63°	0.8	0.7	0.6	0.6	0.6	0.6	0.6	0.7	0.8	0.7	0.6
63.5°	0.7	0.6	0.6	0.5	0.5	0.5	0.6	0.6	0.7	0.6	0.6
64°	0.6	0.6	0.5	0.4	0.4	0.4	0.5	0.6	0.6	0.6	0.5
64.5°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.4
65°	0.5	0.4	0.4	0.3	0.3	0.3	0.4	0.4	0.5	0.4	0.4
65.5°	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.3
66°	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.3
66.5°	0.3	0.3	0.3	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3
67°	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.2

TEST NUMBER: P1590604

CATALOG NUMBER: HCDLS510CSD6TRH-HI-3500K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2
68°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
68.5°	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2
69°	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1
69.5°	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	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	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
72°	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1
72.5°	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1
73°	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0
73.5°	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	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: P1590604

CATALOG NUMBER: HCDLS510CSD6TRH-HI-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: P1590604

CATALOG NUMBER: HCDLS510CSD6TRH-HI-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°	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1
124°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
124.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
125°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
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°	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2
134.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

TEST NUMBER: P1590604

CATALOG NUMBER: HCDLS510CSD6TRH-HI-3500K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
135°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
135.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
136°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
136.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
137°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
137.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
138°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
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°	0.3	0.3	0.2	0.3	0.2	0.3	0.2	0.3	0.3	0.3	0.2
143°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
143.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
144°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
144.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
145°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
145.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
146°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
146.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
147°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
147.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
148°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
148.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
149°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
149.5°	0.3	0.3	0.3	0.3	0.3	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°	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.3
151.5°	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.4
152°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
152.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
153°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
153.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
154°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
154.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
155°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
155.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
156°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
156.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
157°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4

TEST NUMBER: P1590604

CATALOG NUMBER: HCDLS510CSD6TRH-HI-3500K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
157.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
158°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
158.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
159°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
159.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
160°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
160.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
161°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
161.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
162°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
162.5°	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.4	0.4
163°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.4
163.5°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.4
164°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.4
164.5°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.4
165°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.4
165.5°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.4
166°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.4
166.5°	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.4	0.4
167°	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.4	0.4
167.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
168°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
168.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
169°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
169.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
170°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
170.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
171°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
171.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
172°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
172.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
173°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
173.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
174°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
174.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
175°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
175.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
176°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
176.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
177°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
177.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
178°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
178.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
179°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
179.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4



TEST NUMBER: P1590604

CATALOG NUMBER: HCDLS510CSD6TRH-HI-3500K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
180°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4

TEST NUMBER: P1590604

CATALOG NUMBER: HCDLS510CSD6TRH-HI-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	908.7	908.7	908.7	908.7	908.7	908.7
0.5°	908.8	908.5	908.8	908.9	908.5	908.3
1°	908.6	908.3	908.6	908.6	908.2	908.1
1.5°	908.3	908.1	908.3	908.3	907.8	907.6
2°	907.9	907.9	907.9	907.9	907.3	907.1
2.5°	907.4	907.4	907.4	907.2	906.6	906.4
3°	906.7	906.9	906.7	906.4	905.8	905.6
3.5°	905.9	906.2	905.9	905.4	904.8	904.5
4°	904.8	905.3	904.8	904.3	903.8	903.4
4.5°	903.6	904.2	903.6	903.1	902.5	902.2
5°	902.2	903.0	902.2	901.7	901.1	900.8
5.5°	900.5	901.4	900.5	899.9	899.5	899.2
6°	898.6	899.7	898.6	898.1	897.8	897.4
6.5°	896.5	897.7	896.5	896.0	896.0	895.4
7°	894.2	895.5	894.2	893.7	893.9	893.4
7.5°	891.7	893.0	891.7	891.4	891.7	891.1
8°	889.1	890.5	889.1	888.8	889.2	888.6
8.5°	886.4	887.8	886.4	886.1	886.6	885.9
9°	883.5	884.9	883.5	883.1	883.7	883.0
9.5°	880.5	882.1	880.5	879.9	880.6	879.8
10°	877.3	878.9	877.3	876.5	877.4	876.7
10.5°	874.1	875.7	874.1	872.9	873.8	873.2
11°	870.7	872.3	870.7	869.2	870.1	869.6
11.5°	867.2	868.7	867.2	865.3	866.2	865.8
12°	863.6	865.0	863.6	861.3	862.2	862.0
12.5°	859.8	861.1	859.8	857.2	857.9	857.9
13°	856.0	857.3	856.0	853.0	853.7	853.9
13.5°	852.1	853.3	852.1	848.7	849.2	849.7
14°	847.8	849.0	847.8	844.2	844.7	845.4
14.5°	843.5	844.7	843.5	839.6	839.9	841.1
15°	838.9	840.3	838.9	834.9	835.2	836.5
15.5°	834.4	835.8	834.4	830.2	830.2	831.8
16°	829.4	831.1	829.4	825.2	825.3	827.0
16.5°	824.2	826.5	824.2	820.0	819.9	822.2
17°	818.9	821.6	818.9	814.5	814.6	817.2
17.5°	813.3	816.6	813.3	808.9	809.2	811.7
18°	807.5	811.3	807.5	803.1	803.5	806.1
18.5°	801.8	805.8	801.8	797.2	797.6	800.1
19°	795.9	800.1	795.9	790.9	791.6	794.1
19.5°	789.8	794.3	789.8	784.5	785.3	787.7
20°	783.3	788.0	783.3	778.1	778.9	781.1
20.5°	776.7	781.1	776.7	771.4	772.2	774.3
21°	769.7	774.0	769.7	764.4	765.3	767.2
21.5°	762.5	766.5	762.5	757.3	758.1	760.0
22°	755.0	758.7	755.0	750.1	750.8	752.3

TEST NUMBER: P1590604

CATALOG NUMBER: HCDLS510CSD6TRH-HI-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	747.4	750.6	747.4	742.9	743.1	744.3
23°	739.6	742.3	739.6	735.5	735.5	736.2
23.5°	731.6	733.8	731.6	728.0	727.5	727.9
24°	723.5	725.1	723.5	720.5	719.6	719.2
24.5°	715.2	716.0	715.2	712.7	711.5	710.5
25°	706.7	707.0	706.7	704.7	703.2	701.7
25.5°	698.0	697.5	698.0	696.6	694.7	692.7
26°	689.1	687.9	689.1	688.3	686.1	683.5
26.5°	680.0	678.1	680.0	679.6	677.4	674.2
27°	670.8	668.2	670.8	670.8	668.3	664.7
27.5°	661.3	658.2	661.3	661.7	659.0	655.1
28°	651.5	647.7	651.5	652.2	649.5	645.5
28.5°	641.5	637.4	641.5	642.6	639.7	635.2
29°	631.2	626.9	631.2	632.6	629.8	625.1
29.5°	620.7	616.3	620.7	622.4	619.4	614.6
30°	609.8	605.2	609.8	611.7	608.8	603.9
30.5°	598.6	594.1	598.6	600.7	598.1	593.3
31°	587.2	582.5	587.2	589.5	587.1	582.4
31.5°	575.7	571.0	575.7	577.9	575.9	571.3
32°	563.8	559.4	563.8	565.8	564.2	560.1
32.5°	551.9	547.6	551.9	553.7	552.7	548.8
33°	539.7	535.8	539.7	541.3	540.4	537.3
33.5°	527.2	523.7	527.2	528.7	528.3	526.1
34°	514.7	511.8	514.7	515.6	515.8	514.0
34.5°	501.8	499.7	501.8	502.7	503.4	502.1
35°	488.9	487.4	488.9	489.2	490.2	490.0
35.5°	475.8	475.1	475.8	475.7	477.2	477.6
36°	462.6	462.6	462.6	461.9	464.0	464.6
36.5°	449.3	450.1	449.3	448.2	450.7	451.8
37°	436.1	437.0	436.1	434.1	437.0	438.7
37.5°	422.7	423.6	422.7	420.2	423.4	425.2
38°	409.0	409.4	409.0	406.4	409.6	411.4
38.5°	395.2	395.7	395.2	392.6	395.9	397.8
39°	381.5	382.0	381.5	378.9	381.4	383.9
39.5°	367.7	368.4	367.7	365.3	367.4	369.4
40°	353.7	354.8	353.7	351.7	353.7	355.0
40.5°	339.8	341.2	339.8	338.2	340.1	340.8
41°	325.9	327.1	325.9	324.5	326.4	326.4
41.5°	312.1	313.1	312.1	310.8	312.6	312.2
42°	298.4	299.0	298.4	297.4	298.7	298.1
42.5°	285.2	285.1	285.2	284.2	284.9	284.1
43°	272.0	271.1	272.0	271.2	271.1	270.4
43.5°	258.8	257.2	258.8	258.2	257.6	256.8
44°	245.9	243.8	245.9	245.3	244.0	243.5
44.5°	233.4	230.7	233.4	232.8	231.1	230.2

TEST NUMBER: P1590604

CATALOG NUMBER: HCDLS510CSD6TRH-HI-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	220.6	217.8	220.6	220.5	218.3	217.2
45.5°	208.1	205.3	208.1	208.3	205.9	204.4
46°	195.9	193.1	195.9	196.1	193.6	191.8
46.5°	184.1	181.3	184.1	184.1	181.8	179.7
47°	172.5	169.8	172.5	172.4	170.2	167.9
47.5°	161.2	158.8	161.2	160.9	158.8	156.6
48°	150.0	148.0	150.0	149.7	147.8	145.5
48.5°	139.5	137.7	139.5	138.7	137.1	135.1
49°	129.1	127.8	129.1	128.1	126.9	125.2
49.5°	119.3	118.4	119.3	118.3	117.3	116.0
50°	110.0	109.6	110.0	108.8	108.0	107.0
50.5°	100.9	101.0	100.9	99.5	98.9	98.2
51°	92.0	92.5	92.0	90.4	90.0	89.7
51.5°	83.7	84.3	83.7	81.7	81.7	82.2
52°	75.6	76.3	75.6	73.6	74.1	74.8
52.5°	68.3	69.0	68.3	66.2	67.0	67.9
53°	61.6	62.2	61.6	59.3	60.4	61.5
53.5°	55.2	55.6	55.2	53.2	54.2	55.4
54°	49.3	49.6	49.3	47.5	48.5	49.6
54.5°	43.7	44.0	43.7	42.2	43.1	44.2
55°	38.5	38.7	38.5	37.4	38.2	39.1
55.5°	33.7	33.8	33.7	33.1	33.6	34.3
56°	29.4	29.4	29.4	28.9	29.6	30.1
56.5°	25.4	25.4	25.4	25.1	25.8	26.0
57°	21.5	21.7	21.5	21.4	22.1	22.3
57.5°	17.7	17.9	17.7	17.7	18.5	18.5
58°	14.2	14.1	14.2	14.3	14.9	14.8
58.5°	10.8	10.8	10.8	10.8	11.6	11.5
59°	7.5	7.5	7.5	7.4	8.3	8.1
59.5°	4.7	5.0	4.7	4.7	5.6	5.7
60°	2.9	3.2	2.9	3.1	3.7	3.8
60.5°	1.9	2.6	1.9	2.1	2.6	2.4
61°	1.5	2.1	1.5	1.6	2.2	2.0
61.5°	1.2	1.6	1.2	1.2	1.7	1.6
62°	0.9	1.1	0.9	1.0	1.3	1.3
62.5°	0.7	0.7	0.7	0.8	1.0	0.9
63°	0.6	0.6	0.6	0.6	0.7	0.8
63.5°	0.5	0.5	0.5	0.6	0.6	0.7
64°	0.4	0.4	0.4	0.5	0.6	0.6
64.5°	0.4	0.4	0.4	0.4	0.5	0.5
65°	0.3	0.3	0.3	0.4	0.4	0.5
65.5°	0.3	0.3	0.3	0.3	0.4	0.4
66°	0.3	0.3	0.3	0.3	0.3	0.4
66.5°	0.2	0.2	0.2	0.3	0.3	0.3
67°	0.2	0.2	0.2	0.2	0.3	0.3

TEST NUMBER: P1590604

CATALOG NUMBER: HCDLS510CSD6TRH-HI-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	0.2	0.2	0.2	0.2	0.2	0.3
68°	0.2	0.2	0.2	0.2	0.2	0.2
68.5°	0.1	0.1	0.1	0.2	0.2	0.2
69°	0.1	0.1	0.1	0.1	0.2	0.2
69.5°	0.1	0.1	0.1	0.1	0.2	0.2
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°	0.1	0.1	0.1	0.1	0.1	0.1
72°	0.1	0.0	0.1	0.1	0.1	0.1
72.5°	0.0	0.0	0.0	0.1	0.1	0.1
73°	0.0	0.0	0.0	0.0	0.1	0.1
73.5°	0.0	0.0	0.0	0.0	0.0	0.1
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: P1590604

CATALOG NUMBER: HCDLS510CSD6TRH-HI-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: P1590604

CATALOG NUMBER: HCDLS510CSD6TRH-HI-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°	0.1	0.0	0.1	0.1	0.1	0.1
124°	0.1	0.1	0.1	0.1	0.1	0.1
124.5°	0.1	0.1	0.1	0.1	0.1	0.1
125°	0.1	0.1	0.1	0.1	0.1	0.1
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°	0.2	0.1	0.2	0.2	0.2	0.2
134.5°	0.2	0.2	0.2	0.2	0.2	0.2

TEST NUMBER: P1590604

CATALOG NUMBER: HCDLS510CSD6TRH-HI-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
135°	0.2	0.2	0.2	0.2	0.2	0.2
135.5°	0.2	0.2	0.2	0.2	0.2	0.2
136°	0.2	0.2	0.2	0.2	0.2	0.2
136.5°	0.2	0.2	0.2	0.2	0.2	0.2
137°	0.2	0.2	0.2	0.2	0.2	0.2
137.5°	0.2	0.2	0.2	0.2	0.2	0.2
138°	0.2	0.2	0.2	0.2	0.2	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°	0.3	0.2	0.3	0.2	0.3	0.3
143°	0.3	0.3	0.3	0.3	0.3	0.3
143.5°	0.3	0.3	0.3	0.3	0.3	0.3
144°	0.3	0.3	0.3	0.3	0.3	0.3
144.5°	0.3	0.3	0.3	0.3	0.3	0.3
145°	0.3	0.3	0.3	0.3	0.3	0.3
145.5°	0.3	0.3	0.3	0.3	0.3	0.3
146°	0.3	0.3	0.3	0.3	0.3	0.3
146.5°	0.3	0.3	0.3	0.3	0.3	0.3
147°	0.3	0.3	0.3	0.3	0.3	0.3
147.5°	0.3	0.3	0.3	0.3	0.3	0.3
148°	0.3	0.3	0.3	0.3	0.3	0.3
148.5°	0.3	0.3	0.3	0.3	0.3	0.3
149°	0.3	0.3	0.3	0.3	0.3	0.3
149.5°	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
150.5°	0.3	0.3	0.3	0.3	0.3	0.3
151°	0.3	0.3	0.3	0.3	0.4	0.4
151.5°	0.4	0.3	0.4	0.4	0.4	0.4
152°	0.4	0.4	0.4	0.4	0.4	0.4
152.5°	0.4	0.4	0.4	0.4	0.4	0.4
153°	0.4	0.4	0.4	0.4	0.4	0.4
153.5°	0.4	0.4	0.4	0.4	0.4	0.4
154°	0.4	0.4	0.4	0.4	0.4	0.4
154.5°	0.4	0.4	0.4	0.4	0.4	0.4
155°	0.4	0.4	0.4	0.4	0.4	0.4
155.5°	0.4	0.4	0.4	0.4	0.4	0.4
156°	0.4	0.4	0.4	0.4	0.4	0.4
156.5°	0.4	0.4	0.4	0.4	0.4	0.4
157°	0.4	0.4	0.4	0.4	0.4	0.4

TEST NUMBER: P1590604

CATALOG NUMBER: HCDLS510CSD6TRH-HI-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
157.5°	0.4	0.4	0.4	0.4	0.4	0.4
158°	0.4	0.4	0.4	0.4	0.4	0.4
158.5°	0.4	0.4	0.4	0.4	0.4	0.4
159°	0.4	0.4	0.4	0.4	0.4	0.4
159.5°	0.4	0.4	0.4	0.4	0.4	0.4
160°	0.4	0.4	0.4	0.4	0.4	0.4
160.5°	0.4	0.4	0.4	0.4	0.4	0.4
161°	0.4	0.4	0.4	0.4	0.4	0.4
161.5°	0.4	0.4	0.4	0.4	0.4	0.4
162°	0.4	0.4	0.4	0.4	0.4	0.4
162.5°	0.4	0.4	0.4	0.4	0.4	0.5
163°	0.4	0.4	0.4	0.4	0.5	0.5
163.5°	0.4	0.4	0.4	0.4	0.5	0.5
164°	0.4	0.4	0.4	0.4	0.5	0.5
164.5°	0.4	0.4	0.4	0.4	0.5	0.5
165°	0.4	0.4	0.4	0.4	0.5	0.5
165.5°	0.4	0.4	0.4	0.4	0.5	0.5
166°	0.4	0.4	0.4	0.4	0.5	0.5
166.5°	0.4	0.4	0.4	0.4	0.4	0.5
167°	0.4	0.4	0.4	0.4	0.4	0.5
167.5°	0.4	0.4	0.4	0.4	0.4	0.4
168°	0.4	0.4	0.4	0.4	0.4	0.4
168.5°	0.4	0.4	0.4	0.4	0.4	0.4
169°	0.4	0.4	0.4	0.4	0.4	0.4
169.5°	0.4	0.4	0.4	0.4	0.4	0.4
170°	0.4	0.4	0.4	0.4	0.4	0.4
170.5°	0.4	0.4	0.4	0.4	0.4	0.4
171°	0.4	0.4	0.4	0.4	0.4	0.4
171.5°	0.4	0.4	0.4	0.4	0.4	0.4
172°	0.4	0.4	0.4	0.4	0.4	0.4
172.5°	0.4	0.4	0.4	0.4	0.4	0.4
173°	0.4	0.4	0.4	0.4	0.4	0.4
173.5°	0.4	0.4	0.4	0.4	0.4	0.4
174°	0.4	0.4	0.4	0.4	0.4	0.4
174.5°	0.4	0.4	0.4	0.4	0.4	0.4
175°	0.4	0.4	0.4	0.4	0.4	0.4
175.5°	0.4	0.4	0.4	0.4	0.4	0.4
176°	0.4	0.4	0.4	0.4	0.4	0.4
176.5°	0.4	0.4	0.4	0.4	0.4	0.4
177°	0.4	0.4	0.4	0.4	0.4	0.4
177.5°	0.4	0.4	0.4	0.4	0.4	0.4
178°	0.4	0.4	0.4	0.4	0.4	0.4
178.5°	0.4	0.4	0.4	0.4	0.4	0.4
179°	0.4	0.4	0.4	0.4	0.4	0.4
179.5°	0.4	0.4	0.4	0.4	0.4	0.4



TEST NUMBER: P1590604

CATALOG NUMBER: HCDLS510CSD6TRH-HI-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
180°	0.4	0.4	0.4	0.4	0.4	0.4

TEST NUMBER: P1590604

CATALOG NUMBER: HCDLS510CSD6TRH-HI-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	6.4	7.6	6.8	7.9	8.2	6.1	7.2	6.5	7.6	7.9
	3H	6.3	7.2	6.6	7.6	7.9	6.0	6.9	6.3	7.3	7.6
	4H	6.2	7.1	6.6	7.4	7.8	5.9	6.8	6.3	7.1	7.5
	6H	6.1	6.9	6.5	7.3	7.7	5.8	6.6	6.2	7.0	7.4
	8H	6.0	6.8	6.5	7.2	7.6	5.7	6.5	6.2	6.9	7.3
	12H	6.0	6.7	6.4	7.1	7.5	5.7	6.4	6.1	6.8	7.2
4H	2H	6.2	7.1	6.6	7.4	7.8	5.9	6.8	6.3	7.1	7.5
	3H	6.0	6.7	6.4	7.1	7.5	5.7	6.4	6.1	6.8	7.2
	4H	5.9	6.5	6.3	7.0	7.4	5.6	6.2	6.0	6.6	7.1
	6H	5.8	6.3	6.3	6.8	7.3	5.5	6.0	5.9	6.5	7.0
	8H	5.7	6.2	6.2	6.7	7.2	5.4	5.9	5.9	6.4	6.9
	12H	5.7	6.1	6.1	6.6	7.1	5.3	5.8	5.8	6.3	6.8
8H	4H	5.7	6.2	6.2	6.7	7.2	5.4	5.9	5.9	6.4	6.9
	6H	5.6	6.0	6.1	6.5	7.0	5.3	5.7	5.8	6.2	6.7
	8H	5.5	5.9	6.1	6.4	6.9	5.2	5.6	5.7	6.1	6.6
	12H	5.5	5.8	6.0	6.3	6.9	5.2	5.5	5.7	6.0	6.6
12H	4H	5.7	6.1	6.1	6.6	7.1	5.3	5.8	5.8	6.3	6.8
	6H	5.5	5.9	6.1	6.4	6.9	5.2	5.6	5.8	6.1	6.6
	8H	5.5	5.8	6.0	6.3	6.9	5.2	5.5	5.7	6.0	6.6

(END OF REPORT)