

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: P1590545

Luminaire Tested: HCDLS1525CSD6TRC-HI-4000K

Issue Date: 9/4/2026

Test Information

Test Method: LM-79-2019
Report Number: P1590545
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: HCDLS1525CSD6TRC-HI-4000K
Description: 6" Selectable Round Trim + Specular Clear 2500 Lumens 4000K

Light Source:
Ballast/Driver: -

Summary

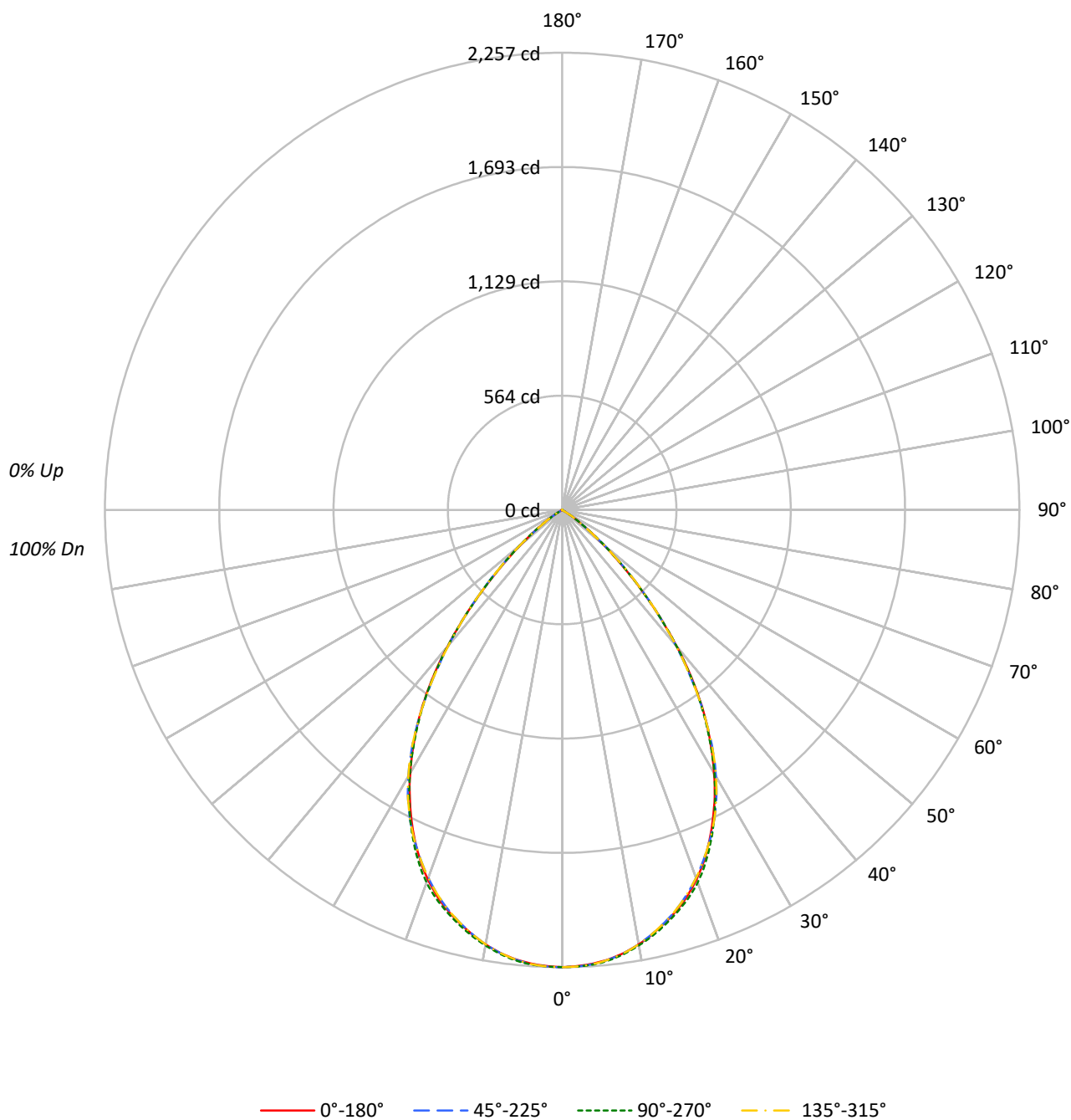
Lumens per Lamp: N/A
Luminaire Lumens: 2868.4 lumens
Efficiency: N/A
Efficacy: 108.7 lumens/watt
Spacing Criteria (0/90/45): 1.05 / 1.05 / 1.06
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 26.4
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

TEST NUMBER: P1590545

CATALOG NUMBER: HCDLS1525CSD6TRC-HI-4000K

Luminous Intensity Polar Plot



TEST NUMBER: P1590545

CATALOG NUMBER: HCDLS1525CSD6TRC-HI-4000K

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°	123713	123713	123713	123713
5°	123101	123409	123101	123409
10°	121196	121507	121196	121507
15°	117901	118440	117901	118440
20°	113171	114168	113171	114168
25°	105405	106204	105405	106204
30°	94945	95135	94945	95135
35°	81432	81004	81432	81004
40°	63090	63061	63090	63061
45°	41826	41942	41826	41942
50°	22660	23215	22660	23215
55°	9271	9194	9271	9194
60°	1042	866	1042	866
65°	143	104	143	104
70°	64	32	64	32
75°	21	0	21	0
80°	0	0	0	0
85°	0	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 67.5°

Vertical Angle: 45°

Luminance: 42485 cd/sqm

TEST NUMBER: P1590545

CATALOG NUMBER: HCDLS1525CSD6TRC-HI-4000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	211.8	7.4
10°-20°	583.7	20.4
20°-30°	800.3	27.9
30°-40°	750.6	26.2
40°-50°	422.3	14.7
50°-60°	96.1	3.4
60°-70°	1.7	0.1
70°-80°	0.1	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°	0.3	0.0
140°-150°	0.4	0.0
150°-160°	0.4	0.0
160°-170°	0.3	0.0
170°-180°	0.1	0.0
0°-30°	1595.9	55.6
0°-40°	2346.5	81.8
0°-60°	2864.9	99.9
0°-90°	2866.7	99.9
90°-120°	0.0	0.0
90°-150°	0.9	0.0
90°-180°	2.0	0.1
0°-180°	2868.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2257	2257	2257	2257	2257	
5°	2237	2243	2237	2243	2237	212
15°	2077	2087	2077	2087	2077	584
25°	1743	1756	1743	1756	1743	797
35°	1217	1210	1217	1210	1217	751
45°	540	541	540	541	540	419
55°	97	96	97	96	97	97
65°	1	1	1	1	1	2
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°	1	1	1	1	1	0
155°	1	1	1	1	1	0
165°	1	1	1	1	1	0
175°	1	1	1	1	1	0
180°	1	1	1	1	1	

TEST NUMBER: P1590545

CATALOG NUMBER: HCDLS1525CSD6TRC-HI-4000K

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	2256.7	2256.7	2256.7	2256.7	2256.7	2256.7	2256.7	2256.7	2256.7	2256.7	2256.7
0.5°	2255.6	2256.1	2257.1	2256.9	2256.3	2256.9	2257.1	2256.1	2255.6	2256.1	2257.1
1°	2255.1	2255.4	2256.6	2256.5	2255.8	2256.5	2256.6	2255.4	2255.1	2255.4	2256.6
1.5°	2254.0	2254.5	2255.7	2255.8	2255.3	2255.8	2255.7	2254.5	2254.0	2254.5	2255.7
2°	2252.6	2253.2	2254.7	2254.8	2254.7	2254.8	2254.7	2253.2	2252.6	2253.2	2254.7
2.5°	2250.9	2251.6	2252.9	2253.6	2253.5	2253.6	2252.9	2251.6	2250.9	2251.6	2252.9
3°	2249.0	2249.5	2251.0	2251.7	2252.3	2251.7	2251.0	2249.5	2249.0	2249.5	2251.0
3.5°	2246.4	2247.1	2248.5	2249.7	2250.4	2249.7	2248.5	2247.1	2246.4	2247.1	2248.5
4°	2243.6	2244.5	2245.8	2247.1	2248.4	2247.1	2245.8	2244.5	2243.6	2244.5	2245.8
4.5°	2240.6	2241.2	2242.8	2244.1	2245.7	2244.1	2242.8	2241.2	2240.6	2241.2	2242.8
5°	2237.0	2237.8	2239.2	2240.7	2242.6	2240.7	2239.2	2237.8	2237.0	2237.8	2239.2
5.5°	2233.1	2233.8	2235.0	2236.4	2238.7	2236.4	2235.0	2233.8	2233.1	2233.8	2235.0
6°	2228.7	2229.7	2230.4	2231.6	2234.3	2231.6	2230.4	2229.7	2228.7	2229.7	2230.4
6.5°	2223.8	2225.1	2225.3	2226.5	2229.4	2226.5	2225.3	2225.1	2223.8	2225.1	2225.3
7°	2218.8	2219.8	2219.6	2220.8	2223.9	2220.8	2219.6	2219.8	2218.8	2219.8	2219.6
7.5°	2213.0	2214.4	2213.7	2214.6	2217.7	2214.6	2213.7	2214.4	2213.0	2214.4	2213.7
8°	2206.8	2208.2	2207.4	2208.1	2211.6	2208.1	2207.4	2208.2	2206.8	2208.2	2207.4
8.5°	2200.0	2201.8	2200.5	2201.3	2204.9	2201.3	2200.5	2201.8	2200.0	2201.8	2200.5
9°	2192.9	2194.6	2193.1	2194.1	2197.7	2194.1	2193.1	2194.6	2192.9	2194.6	2193.1
9.5°	2185.0	2187.0	2185.2	2186.6	2190.7	2186.6	2185.2	2187.0	2185.0	2187.0	2185.2
10°	2177.2	2178.9	2176.7	2178.7	2182.8	2178.7	2176.7	2178.9	2177.2	2178.9	2176.7
10.5°	2168.5	2169.9	2167.8	2170.9	2174.6	2170.9	2167.8	2169.9	2168.5	2169.9	2167.8
11°	2159.5	2160.8	2158.6	2162.3	2166.3	2162.3	2158.6	2160.8	2159.5	2160.8	2158.6
11.5°	2150.3	2151.2	2149.0	2153.7	2157.4	2153.7	2149.0	2151.2	2150.3	2151.2	2149.0
12°	2140.8	2141.2	2139.1	2144.7	2148.2	2144.7	2139.1	2141.2	2140.8	2141.2	2139.1
12.5°	2130.6	2130.6	2128.9	2135.4	2138.6	2135.4	2128.9	2130.6	2130.6	2130.6	2128.9
13°	2120.6	2120.1	2118.3	2125.8	2129.1	2125.8	2118.3	2120.1	2120.6	2120.1	2118.3
13.5°	2110.1	2108.9	2107.6	2116.1	2119.1	2116.1	2107.6	2108.9	2110.1	2108.9	2107.6
14°	2099.5	2097.8	2096.6	2105.6	2108.4	2105.6	2096.6	2097.8	2099.5	2097.8	2096.6
14.5°	2088.8	2085.9	2085.2	2094.7	2097.9	2094.7	2085.2	2085.9	2088.8	2085.9	2085.2
15°	2077.4	2074.1	2073.5	2083.4	2086.9	2083.4	2073.5	2074.1	2077.4	2074.1	2073.5
15.5°	2065.6	2061.9	2061.7	2072.1	2075.8	2072.1	2061.7	2061.9	2065.6	2061.9	2061.7
16°	2053.8	2049.6	2049.5	2059.7	2064.1	2059.7	2049.5	2049.6	2053.8	2049.6	2049.5
16.5°	2041.8	2036.1	2036.4	2046.9	2052.6	2046.9	2036.4	2036.1	2041.8	2036.1	2036.4
17°	2029.5	2022.9	2022.8	2033.7	2040.4	2033.7	2022.8	2022.9	2029.5	2022.9	2022.8
17.5°	2015.9	2009.5	2008.9	2019.8	2028.0	2019.8	2008.9	2009.5	2015.9	2009.5	2008.9
18°	2001.9	1995.5	1994.6	2005.5	2014.9	2005.5	1994.6	1995.5	2001.9	1995.5	1994.6
18.5°	1987.1	1980.8	1979.8	1991.1	2001.2	1991.1	1979.8	1980.8	1987.1	1980.8	1979.8
19°	1972.1	1965.9	1964.3	1976.6	1987.1	1976.6	1964.3	1965.9	1972.1	1965.9	1964.3
19.5°	1956.2	1950.3	1948.4	1961.4	1972.7	1961.4	1948.4	1950.3	1956.2	1950.3	1948.4
20°	1939.9	1934.3	1932.3	1945.4	1957.0	1945.4	1932.3	1934.3	1939.9	1934.3	1932.3
20.5°	1922.8	1917.7	1915.8	1928.9	1939.8	1928.9	1915.8	1917.7	1922.8	1917.7	1915.8
21°	1905.4	1900.5	1898.5	1911.4	1922.3	1911.4	1898.5	1900.5	1905.4	1900.5	1898.5
21.5°	1887.3	1882.7	1880.7	1893.6	1903.7	1893.6	1880.7	1882.7	1887.3	1882.7	1880.7
22°	1868.2	1864.5	1862.8	1874.9	1884.3	1874.9	1862.8	1864.5	1868.2	1864.5	1862.8

TEST NUMBER: P1590545

CATALOG NUMBER: HCDLS1525CSD6TRC-HI-4000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
22.5°	1848.5	1845.5	1844.9	1856.2	1864.0	1856.2	1844.9	1845.5	1848.5	1845.5	1844.9
23°	1828.2	1826.5	1826.5	1836.9	1843.6	1836.9	1826.5	1826.5	1828.2	1826.5	1826.5
23.5°	1807.6	1806.8	1807.9	1816.9	1822.5	1816.9	1807.9	1806.8	1807.6	1806.8	1807.9
24°	1786.1	1787.1	1789.4	1796.9	1800.7	1796.9	1789.4	1787.1	1786.1	1787.1	1789.4
24.5°	1764.6	1766.9	1770.0	1776.3	1778.3	1776.3	1770.0	1766.9	1764.6	1766.9	1770.0
25°	1742.6	1746.3	1750.2	1755.1	1755.8	1755.1	1750.2	1746.3	1742.6	1746.3	1750.2
25.5°	1720.2	1725.4	1730.0	1733.5	1732.2	1733.5	1730.0	1725.4	1720.2	1725.4	1730.0
26°	1697.5	1704.0	1709.3	1711.3	1708.5	1711.3	1709.3	1704.0	1697.5	1704.0	1709.3
26.5°	1674.2	1682.2	1687.8	1688.8	1683.9	1688.8	1687.8	1682.2	1674.2	1682.2	1687.8
27°	1650.8	1659.8	1665.9	1665.8	1659.4	1665.8	1665.9	1659.8	1650.8	1659.8	1665.9
27.5°	1627.0	1636.6	1643.2	1642.4	1634.5	1642.4	1643.2	1636.6	1627.0	1636.6	1643.2
28°	1603.0	1612.9	1619.8	1617.9	1608.6	1617.9	1619.8	1612.9	1603.0	1612.9	1619.8
28.5°	1577.6	1588.8	1595.8	1593.1	1583.0	1593.1	1595.8	1588.8	1577.6	1588.8	1595.8
29°	1552.4	1564.0	1571.0	1567.6	1557.0	1567.6	1571.0	1564.0	1552.4	1564.0	1571.0
29.5°	1526.3	1538.4	1545.6	1541.5	1530.6	1541.5	1545.6	1538.4	1526.3	1538.4	1545.6
30°	1499.9	1512.0	1519.1	1514.5	1502.9	1514.5	1519.1	1512.0	1499.9	1512.0	1519.1
30.5°	1473.5	1485.5	1491.8	1486.7	1475.4	1486.7	1491.8	1485.5	1473.5	1485.5	1491.8
31°	1446.3	1458.1	1463.9	1458.3	1446.7	1458.3	1463.9	1458.1	1446.3	1458.1	1463.9
31.5°	1418.9	1430.1	1435.1	1429.7	1418.0	1429.7	1435.1	1430.1	1418.9	1430.1	1435.1
32°	1390.9	1401.1	1405.2	1400.2	1389.3	1400.2	1405.2	1401.1	1390.9	1401.1	1405.2
32.5°	1363.0	1372.5	1375.2	1370.5	1360.0	1370.5	1375.2	1372.5	1363.0	1372.5	1375.2
33°	1334.3	1342.1	1344.2	1340.2	1330.5	1340.2	1344.2	1342.1	1334.3	1342.1	1344.2
33.5°	1306.5	1312.1	1313.0	1309.2	1300.6	1309.2	1313.0	1312.1	1306.5	1312.1	1313.0
34°	1276.5	1281.0	1280.5	1278.3	1271.0	1278.3	1280.5	1281.0	1276.5	1281.0	1280.5
34.5°	1247.0	1250.1	1248.3	1246.2	1240.9	1246.2	1248.3	1250.1	1247.0	1250.1	1248.3
35°	1216.8	1217.5	1214.8	1214.3	1210.4	1214.3	1214.8	1217.5	1216.8	1217.5	1214.8
35.5°	1186.0	1185.1	1181.3	1181.7	1179.9	1181.7	1181.3	1185.1	1186.0	1185.1	1181.3
36°	1153.9	1152.3	1147.1	1148.9	1148.9	1148.9	1147.1	1152.3	1153.9	1152.3	1147.1
36.5°	1122.1	1119.2	1113.2	1115.9	1117.7	1115.9	1113.2	1119.2	1122.1	1119.2	1113.2
37°	1089.4	1085.4	1078.2	1083.1	1085.3	1083.1	1078.2	1085.4	1089.4	1085.4	1078.2
37.5°	1055.9	1051.5	1043.5	1049.7	1052.0	1049.7	1043.5	1051.5	1055.9	1051.5	1043.5
38°	1021.8	1017.3	1009.4	1015.9	1016.8	1015.9	1009.4	1017.3	1021.8	1017.3	1009.4
38.5°	988.0	983.2	975.0	981.6	982.6	981.6	975.0	983.2	988.0	983.2	975.0
39°	953.3	947.1	940.9	947.3	948.7	947.3	940.9	947.1	953.3	947.1	940.9
39.5°	917.3	912.5	907.2	913.1	914.9	913.1	907.2	912.5	917.3	912.5	907.2
40°	881.6	878.4	873.4	878.5	881.2	878.5	873.4	878.4	881.6	878.4	873.4
40.5°	846.4	844.6	840.0	844.0	847.3	844.0	840.0	844.6	846.4	844.6	840.0
41°	810.7	810.6	806.0	809.3	812.3	809.3	806.0	810.6	810.7	810.6	806.0
41.5°	775.4	776.3	771.9	775.1	777.5	775.1	771.9	776.3	775.4	776.3	771.9
42°	740.2	741.7	738.6	741.2	742.6	741.2	738.6	741.7	740.2	741.7	738.6
42.5°	705.6	707.6	705.9	708.4	708.0	708.4	705.9	707.6	705.6	707.6	705.9
43°	671.5	673.2	673.5	675.5	673.2	675.5	673.5	673.2	671.5	673.2	673.5
43.5°	637.8	639.7	641.2	642.7	638.8	642.7	641.2	639.7	637.8	639.7	641.2
44°	604.7	606.0	609.2	610.6	605.4	610.6	609.2	606.0	604.7	606.0	609.2
44.5°	571.7	573.9	578.2	579.7	573.0	579.7	578.2	573.9	571.7	573.9	578.2

TEST NUMBER: P1590545

CATALOG NUMBER: HCDLS1525CSD6TRC-HI-4000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	539.5	542.1	547.7	548.0	541.0	548.0	547.7	542.1	539.5	542.1	547.7
45.5°	507.7	511.3	517.3	516.8	510.0	516.8	517.3	511.3	507.7	511.3	517.3
46°	476.4	480.9	487.0	486.6	479.5	486.6	487.0	480.9	476.4	480.9	487.0
46.5°	446.4	451.4	457.3	457.2	450.2	457.2	457.3	451.4	446.4	451.4	457.3
47°	417.0	422.6	428.2	428.3	421.8	428.3	428.2	422.6	417.0	422.6	428.2
47.5°	388.8	394.3	399.5	400.3	394.3	400.3	399.5	394.3	388.8	394.3	399.5
48°	361.4	366.9	371.7	372.6	367.6	372.6	371.7	366.9	361.4	366.9	371.7
48.5°	335.5	340.5	344.4	346.4	342.0	346.4	344.4	340.5	335.5	340.5	344.4
49°	310.9	315.1	318.2	320.7	317.3	320.7	318.2	315.1	310.9	315.1	318.2
49.5°	288.0	291.3	293.7	296.3	294.1	296.3	293.7	291.3	288.0	291.3	293.7
50°	265.7	268.3	270.2	273.3	272.2	273.3	270.2	268.3	265.7	268.3	270.2
50.5°	243.8	245.6	247.2	250.6	250.8	250.6	247.2	245.6	243.8	245.6	247.2
51°	222.8	223.6	224.5	228.5	229.7	228.5	224.5	223.6	222.8	223.6	224.5
51.5°	204.1	202.9	202.8	207.9	209.4	207.9	202.8	202.9	204.1	202.9	202.8
52°	185.7	184.1	182.7	187.9	189.4	187.9	182.7	184.1	185.7	184.1	182.7
52.5°	168.7	166.4	164.3	169.6	171.2	169.6	164.3	166.4	168.7	166.4	164.3
53°	152.7	149.9	147.4	152.9	154.4	152.9	147.4	149.9	152.7	149.9	147.4
53.5°	137.6	134.6	132.0	137.1	138.1	137.1	132.0	134.6	137.6	134.6	132.0
54°	123.1	120.4	118.0	122.3	123.2	122.3	118.0	120.4	123.1	120.4	118.0
54.5°	109.8	107.1	104.9	108.5	109.2	108.5	104.9	107.1	109.8	107.1	104.9
55°	97.0	94.9	92.9	95.7	96.2	95.7	92.9	94.9	97.0	94.9	92.9
55.5°	85.1	83.5	82.2	83.7	83.8	83.7	82.2	83.5	85.1	83.5	82.2
56°	74.7	73.4	71.9	73.1	73.1	73.1	71.9	73.4	74.7	73.4	71.9
56.5°	64.6	64.0	62.3	63.0	63.1	63.0	62.3	64.0	64.6	64.0	62.3
57°	55.3	54.8	53.1	53.4	53.8	53.4	53.1	54.8	55.3	54.8	53.1
57.5°	46.1	45.9	44.0	44.0	44.4	44.0	44.0	45.9	46.1	45.9	44.0
58°	36.8	36.9	35.5	35.3	35.1	35.3	35.5	36.9	36.8	36.9	35.5
58.5°	28.5	28.8	26.9	26.9	26.8	26.9	26.9	28.8	28.5	28.8	26.9
59°	20.1	20.7	18.5	18.6	18.6	18.6	18.5	20.7	20.1	20.7	18.5
59.5°	14.1	14.0	11.7	11.7	12.4	11.7	11.7	14.0	14.1	14.0	11.7
60°	9.5	9.3	7.8	7.1	7.9	7.1	7.8	9.3	9.5	9.3	7.8
60.5°	5.9	6.6	5.2	4.8	6.3	4.8	5.2	6.6	5.9	6.6	5.2
61°	4.9	5.4	4.1	3.8	5.1	3.8	4.1	5.4	4.9	5.4	4.1
61.5°	4.0	4.3	3.0	3.0	3.9	3.0	3.0	4.3	4.0	4.3	3.0
62°	3.1	3.2	2.4	2.2	2.8	2.2	2.4	3.2	3.1	3.2	2.4
62.5°	2.2	2.5	1.9	1.7	1.7	1.7	1.9	2.5	2.2	2.5	1.9
63°	1.9	1.8	1.6	1.5	1.4	1.5	1.6	1.8	1.9	1.8	1.6
63.5°	1.7	1.6	1.4	1.3	1.2	1.3	1.4	1.6	1.7	1.6	1.4
64°	1.5	1.4	1.2	1.1	1.1	1.1	1.2	1.4	1.5	1.4	1.2
64.5°	1.3	1.2	1.1	1.0	0.9	1.0	1.1	1.2	1.3	1.2	1.1
65°	1.1	1.1	1.0	0.9	0.8	0.9	1.0	1.1	1.1	1.1	1.0
65.5°	1.0	1.0	0.8	0.8	0.7	0.8	0.8	1.0	1.0	1.0	0.8
66°	0.9	0.9	0.7	0.7	0.6	0.7	0.7	0.9	0.9	0.9	0.7
66.5°	0.8	0.8	0.7	0.6	0.6	0.6	0.7	0.8	0.8	0.8	0.7
67°	0.7	0.7	0.6	0.5	0.5	0.5	0.6	0.7	0.7	0.7	0.6

TEST NUMBER: P1590545

CATALOG NUMBER: HCDLS1525CSD6TRC-HI-4000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	0.6	0.6	0.5	0.5	0.4	0.5	0.5	0.6	0.6	0.6	0.5
68°	0.6	0.5	0.5	0.4	0.4	0.4	0.5	0.5	0.6	0.5	0.5
68.5°	0.5	0.5	0.4	0.4	0.3	0.4	0.4	0.5	0.5	0.5	0.4
69°	0.5	0.4	0.4	0.3	0.3	0.3	0.4	0.4	0.5	0.4	0.4
69.5°	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.3
70°	0.4	0.3	0.3	0.2	0.2	0.2	0.3	0.3	0.4	0.3	0.3
70.5°	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.2
71°	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.2
71.5°	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2
72°	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2
72.5°	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1
73°	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1
73.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
74°	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1
74.5°	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0
75°	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	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: P1590545

CATALOG NUMBER: HCDLS1525CSD6TRC-HI-4000K

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: P1590545

CATALOG NUMBER: HCDLS1525CSD6TRC-HI-4000K

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°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
120.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
121°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
121.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
122°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
122.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
123°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
123.5°	0.1	0.1	0.1	0.1	0.1	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°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
125.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
126°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
126.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
127°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
127.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
128°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
128.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
129°	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2
129.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
130°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
130.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
131°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
131.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
132°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
132.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
133°	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.3
133.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
134°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
134.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4

TEST NUMBER: P1590545

CATALOG NUMBER: HCDLS1525CSD6TRC-HI-4000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
135°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
135.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
136°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
136.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
137°	0.5	0.5	0.5	0.5	0.4	0.5	0.5	0.5	0.5	0.5	0.5
137.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
138°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
138.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
139°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
139.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
140°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
140.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
141°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
141.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
142°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
142.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
143°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
143.5°	0.7	0.7	0.6	0.7	0.6	0.7	0.6	0.7	0.7	0.7	0.6
144°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
144.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
145°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
145.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
146°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
146.5°	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.7	0.7
147°	0.8	0.8	0.8	0.8	0.7	0.8	0.8	0.8	0.8	0.8	0.8
147.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
148°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
148.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
149°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
149.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
150°	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8
150.5°	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.8
151°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
151.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
152°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
152.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
153°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
153.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
154°	1.0	1.0	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	0.9
154.5°	1.0	1.0	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	0.9
155°	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0
155.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
156°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
156.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
157°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

TEST NUMBER: P1590545

CATALOG NUMBER: HCDLS1525CSD6TRC-HI-4000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
157.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
158°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
158.5°	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.0
159°	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.0
159.5°	1.1	1.1	1.1	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1
160°	1.1	1.1	1.1	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1
160.5°	1.1	1.1	1.1	1.1	1.0	1.1	1.1	1.1	1.1	1.1	1.1
161°	1.1	1.1	1.1	1.1	1.0	1.1	1.1	1.1	1.1	1.1	1.1
161.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
162°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
162.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
163°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
163.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
164°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
164.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
165°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
165.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
166°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
166.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
167°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
167.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
168°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
168.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
169°	1.1	1.1	1.1	1.1	1.0	1.1	1.1	1.1	1.1	1.1	1.1
169.5°	1.1	1.1	1.1	1.1	1.0	1.1	1.1	1.1	1.1	1.1	1.1
170°	1.1	1.1	1.1	1.1	1.0	1.1	1.1	1.1	1.1	1.1	1.1
170.5°	1.1	1.1	1.1	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1
171°	1.1	1.1	1.1	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1
171.5°	1.1	1.1	1.1	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1
172°	1.1	1.1	1.1	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1
172.5°	1.1	1.1	1.1	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1
173°	1.1	1.1	1.1	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1
173.5°	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.0
174°	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.0	1.0
174.5°	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.0	1.0
175°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
175.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
176°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
176.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
177°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
177.5°	1.1	1.0	1.1	1.0	1.1	1.0	1.1	1.0	1.1	1.0	1.1
178°	1.1	1.1	1.1	1.0	1.1	1.0	1.1	1.1	1.1	1.1	1.1
178.5°	1.1	1.1	1.1	1.0	1.1	1.0	1.1	1.1	1.1	1.1	1.1
179°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
179.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1



TEST NUMBER: P1590545

CATALOG NUMBER: HCDLS1525CSD6TRC-HI-4000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
180°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1

TEST NUMBER: P1590545

CATALOG NUMBER: HCDLS1525CSD6TRC-HI-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	2256.7	2256.7	2256.7	2256.7	2256.7	2256.7
0.5°	2256.9	2256.3	2256.9	2257.1	2256.1	2255.6
1°	2256.5	2255.8	2256.5	2256.6	2255.4	2255.1
1.5°	2255.8	2255.3	2255.8	2255.7	2254.5	2254.0
2°	2254.8	2254.7	2254.8	2254.7	2253.2	2252.6
2.5°	2253.6	2253.5	2253.6	2252.9	2251.6	2250.9
3°	2251.7	2252.3	2251.7	2251.0	2249.5	2249.0
3.5°	2249.7	2250.4	2249.7	2248.5	2247.1	2246.4
4°	2247.1	2248.4	2247.1	2245.8	2244.5	2243.6
4.5°	2244.1	2245.7	2244.1	2242.8	2241.2	2240.6
5°	2240.7	2242.6	2240.7	2239.2	2237.8	2237.0
5.5°	2236.4	2238.7	2236.4	2235.0	2233.8	2233.1
6°	2231.6	2234.3	2231.6	2230.4	2229.7	2228.7
6.5°	2226.5	2229.4	2226.5	2225.3	2225.1	2223.8
7°	2220.8	2223.9	2220.8	2219.6	2219.8	2218.8
7.5°	2214.6	2217.7	2214.6	2213.7	2214.4	2213.0
8°	2208.1	2211.6	2208.1	2207.4	2208.2	2206.8
8.5°	2201.3	2204.9	2201.3	2200.5	2201.8	2200.0
9°	2194.1	2197.7	2194.1	2193.1	2194.6	2192.9
9.5°	2186.6	2190.7	2186.6	2185.2	2187.0	2185.0
10°	2178.7	2182.8	2178.7	2176.7	2178.9	2177.2
10.5°	2170.9	2174.6	2170.9	2167.8	2169.9	2168.5
11°	2162.3	2166.3	2162.3	2158.6	2160.8	2159.5
11.5°	2153.7	2157.4	2153.7	2149.0	2151.2	2150.3
12°	2144.7	2148.2	2144.7	2139.1	2141.2	2140.8
12.5°	2135.4	2138.6	2135.4	2128.9	2130.6	2130.6
13°	2125.8	2129.1	2125.8	2118.3	2120.1	2120.6
13.5°	2116.1	2119.1	2116.1	2107.6	2108.9	2110.1
14°	2105.6	2108.4	2105.6	2096.6	2097.8	2099.5
14.5°	2094.7	2097.9	2094.7	2085.2	2085.9	2088.8
15°	2083.4	2086.9	2083.4	2073.5	2074.1	2077.4
15.5°	2072.1	2075.8	2072.1	2061.7	2061.9	2065.6
16°	2059.7	2064.1	2059.7	2049.5	2049.6	2053.8
16.5°	2046.9	2052.6	2046.9	2036.4	2036.1	2041.8
17°	2033.7	2040.4	2033.7	2022.8	2022.9	2029.5
17.5°	2019.8	2028.0	2019.8	2008.9	2009.5	2015.9
18°	2005.5	2014.9	2005.5	1994.6	1995.5	2001.9
18.5°	1991.1	2001.2	1991.1	1979.8	1980.8	1987.1
19°	1976.6	1987.1	1976.6	1964.3	1965.9	1972.1
19.5°	1961.4	1972.7	1961.4	1948.4	1950.3	1956.2
20°	1945.4	1957.0	1945.4	1932.3	1934.3	1939.9
20.5°	1928.9	1939.8	1928.9	1915.8	1917.7	1922.8
21°	1911.4	1922.3	1911.4	1898.5	1900.5	1905.4
21.5°	1893.6	1903.7	1893.6	1880.7	1882.7	1887.3
22°	1874.9	1884.3	1874.9	1862.8	1864.5	1868.2

TEST NUMBER: P1590545

CATALOG NUMBER: HCDLS1525CSD6TRC-HI-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	1856.2	1864.0	1856.2	1844.9	1845.5	1848.5
23°	1836.9	1843.6	1836.9	1826.5	1826.5	1828.2
23.5°	1816.9	1822.5	1816.9	1807.9	1806.8	1807.6
24°	1796.9	1800.7	1796.9	1789.4	1787.1	1786.1
24.5°	1776.3	1778.3	1776.3	1770.0	1766.9	1764.6
25°	1755.1	1755.8	1755.1	1750.2	1746.3	1742.6
25.5°	1733.5	1732.2	1733.5	1730.0	1725.4	1720.2
26°	1711.3	1708.5	1711.3	1709.3	1704.0	1697.5
26.5°	1688.8	1683.9	1688.8	1687.8	1682.2	1674.2
27°	1665.8	1659.4	1665.8	1665.9	1659.8	1650.8
27.5°	1642.4	1634.5	1642.4	1643.2	1636.6	1627.0
28°	1617.9	1608.6	1617.9	1619.8	1612.9	1603.0
28.5°	1593.1	1583.0	1593.1	1595.8	1588.8	1577.6
29°	1567.6	1557.0	1567.6	1571.0	1564.0	1552.4
29.5°	1541.5	1530.6	1541.5	1545.6	1538.4	1526.3
30°	1514.5	1502.9	1514.5	1519.1	1512.0	1499.9
30.5°	1486.7	1475.4	1486.7	1491.8	1485.5	1473.5
31°	1458.3	1446.7	1458.3	1463.9	1458.1	1446.3
31.5°	1429.7	1418.0	1429.7	1435.1	1430.1	1418.9
32°	1400.2	1389.3	1400.2	1405.2	1401.1	1390.9
32.5°	1370.5	1360.0	1370.5	1375.2	1372.5	1363.0
33°	1340.2	1330.5	1340.2	1344.2	1342.1	1334.3
33.5°	1309.2	1300.6	1309.2	1313.0	1312.1	1306.5
34°	1278.3	1271.0	1278.3	1280.5	1281.0	1276.5
34.5°	1246.2	1240.9	1246.2	1248.3	1250.1	1247.0
35°	1214.3	1210.4	1214.3	1214.8	1217.5	1216.8
35.5°	1181.7	1179.9	1181.7	1181.3	1185.1	1186.0
36°	1148.9	1148.9	1148.9	1147.1	1152.3	1153.9
36.5°	1115.9	1117.7	1115.9	1113.2	1119.2	1122.1
37°	1083.1	1085.3	1083.1	1078.2	1085.4	1089.4
37.5°	1049.7	1052.0	1049.7	1043.5	1051.5	1055.9
38°	1015.9	1016.8	1015.9	1009.4	1017.3	1021.8
38.5°	981.6	982.6	981.6	975.0	983.2	988.0
39°	947.3	948.7	947.3	940.9	947.1	953.3
39.5°	913.1	914.9	913.1	907.2	912.5	917.3
40°	878.5	881.2	878.5	873.4	878.4	881.6
40.5°	844.0	847.3	844.0	840.0	844.6	846.4
41°	809.3	812.3	809.3	806.0	810.6	810.7
41.5°	775.1	777.5	775.1	771.9	776.3	775.4
42°	741.2	742.6	741.2	738.6	741.7	740.2
42.5°	708.4	708.0	708.4	705.9	707.6	705.6
43°	675.5	673.2	675.5	673.5	673.2	671.5
43.5°	642.7	638.8	642.7	641.2	639.7	637.8
44°	610.6	605.4	610.6	609.2	606.0	604.7
44.5°	579.7	573.0	579.7	578.2	573.9	571.7

TEST NUMBER: P1590545

CATALOG NUMBER: HCDLS1525CSD6TRC-HI-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	548.0	541.0	548.0	547.7	542.1	539.5
45.5°	516.8	510.0	516.8	517.3	511.3	507.7
46°	486.6	479.5	486.6	487.0	480.9	476.4
46.5°	457.2	450.2	457.2	457.3	451.4	446.4
47°	428.3	421.8	428.3	428.2	422.6	417.0
47.5°	400.3	394.3	400.3	399.5	394.3	388.8
48°	372.6	367.6	372.6	371.7	366.9	361.4
48.5°	346.4	342.0	346.4	344.4	340.5	335.5
49°	320.7	317.3	320.7	318.2	315.1	310.9
49.5°	296.3	294.1	296.3	293.7	291.3	288.0
50°	273.3	272.2	273.3	270.2	268.3	265.7
50.5°	250.6	250.8	250.6	247.2	245.6	243.8
51°	228.5	229.7	228.5	224.5	223.6	222.8
51.5°	207.9	209.4	207.9	202.8	202.9	204.1
52°	187.9	189.4	187.9	182.7	184.1	185.7
52.5°	169.6	171.2	169.6	164.3	166.4	168.7
53°	152.9	154.4	152.9	147.4	149.9	152.7
53.5°	137.1	138.1	137.1	132.0	134.6	137.6
54°	122.3	123.2	122.3	118.0	120.4	123.1
54.5°	108.5	109.2	108.5	104.9	107.1	109.8
55°	95.7	96.2	95.7	92.9	94.9	97.0
55.5°	83.7	83.8	83.7	82.2	83.5	85.1
56°	73.1	73.1	73.1	71.9	73.4	74.7
56.5°	63.0	63.1	63.0	62.3	64.0	64.6
57°	53.4	53.8	53.4	53.1	54.8	55.3
57.5°	44.0	44.4	44.0	44.0	45.9	46.1
58°	35.3	35.1	35.3	35.5	36.9	36.8
58.5°	26.9	26.8	26.9	26.9	28.8	28.5
59°	18.6	18.6	18.6	18.5	20.7	20.1
59.5°	11.7	12.4	11.7	11.7	14.0	14.1
60°	7.1	7.9	7.1	7.8	9.3	9.5
60.5°	4.8	6.3	4.8	5.2	6.6	5.9
61°	3.8	5.1	3.8	4.1	5.4	4.9
61.5°	3.0	3.9	3.0	3.0	4.3	4.0
62°	2.2	2.8	2.2	2.4	3.2	3.1
62.5°	1.7	1.7	1.7	1.9	2.5	2.2
63°	1.5	1.4	1.5	1.6	1.8	1.9
63.5°	1.3	1.2	1.3	1.4	1.6	1.7
64°	1.1	1.1	1.1	1.2	1.4	1.5
64.5°	1.0	0.9	1.0	1.1	1.2	1.3
65°	0.9	0.8	0.9	1.0	1.1	1.1
65.5°	0.8	0.7	0.8	0.8	1.0	1.0
66°	0.7	0.6	0.7	0.7	0.9	0.9
66.5°	0.6	0.6	0.6	0.7	0.8	0.8
67°	0.5	0.5	0.5	0.6	0.7	0.7

TEST NUMBER: P1590545

CATALOG NUMBER: HCDLS1525CSD6TRC-HI-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	0.5	0.4	0.5	0.5	0.6	0.6
68°	0.4	0.4	0.4	0.5	0.5	0.6
68.5°	0.4	0.3	0.4	0.4	0.5	0.5
69°	0.3	0.3	0.3	0.4	0.4	0.5
69.5°	0.3	0.3	0.3	0.3	0.4	0.4
70°	0.2	0.2	0.2	0.3	0.3	0.4
70.5°	0.2	0.2	0.2	0.2	0.3	0.3
71°	0.2	0.2	0.2	0.2	0.3	0.3
71.5°	0.2	0.1	0.2	0.2	0.2	0.2
72°	0.1	0.1	0.1	0.2	0.2	0.2
72.5°	0.1	0.1	0.1	0.1	0.2	0.2
73°	0.1	0.1	0.1	0.1	0.1	0.2
73.5°	0.1	0.1	0.1	0.1	0.1	0.1
74°	0.0	0.0	0.0	0.1	0.1	0.1
74.5°	0.0	0.0	0.0	0.0	0.1	0.1
75°	0.0	0.0	0.0	0.0	0.0	0.1
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: P1590545

CATALOG NUMBER: HCDLS1525CSD6TRC-HI-4000K

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: P1590545

CATALOG NUMBER: HCDLS1525CSD6TRC-HI-4000K

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°	0.1	0.1	0.1	0.1	0.1	0.1
120.5°	0.1	0.1	0.1	0.1	0.1	0.1
121°	0.1	0.1	0.1	0.1	0.1	0.1
121.5°	0.1	0.1	0.1	0.1	0.1	0.1
122°	0.1	0.1	0.1	0.1	0.1	0.1
122.5°	0.1	0.1	0.1	0.1	0.1	0.1
123°	0.1	0.1	0.1	0.1	0.1	0.1
123.5°	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
124.5°	0.1	0.1	0.1	0.1	0.1	0.1
125°	0.2	0.2	0.2	0.2	0.2	0.2
125.5°	0.2	0.2	0.2	0.2	0.2	0.2
126°	0.2	0.2	0.2	0.2	0.2	0.2
126.5°	0.2	0.2	0.2	0.2	0.2	0.2
127°	0.2	0.2	0.2	0.2	0.2	0.2
127.5°	0.2	0.2	0.2	0.2	0.2	0.2
128°	0.2	0.2	0.2	0.2	0.2	0.2
128.5°	0.2	0.2	0.2	0.2	0.2	0.2
129°	0.2	0.2	0.2	0.2	0.2	0.3
129.5°	0.3	0.3	0.3	0.3	0.3	0.3
130°	0.3	0.3	0.3	0.3	0.3	0.3
130.5°	0.3	0.3	0.3	0.3	0.3	0.3
131°	0.3	0.3	0.3	0.3	0.3	0.3
131.5°	0.3	0.3	0.3	0.3	0.3	0.3
132°	0.3	0.3	0.3	0.3	0.3	0.3
132.5°	0.3	0.3	0.3	0.3	0.3	0.3
133°	0.3	0.3	0.3	0.3	0.3	0.4
133.5°	0.4	0.4	0.4	0.4	0.4	0.4
134°	0.4	0.4	0.4	0.4	0.4	0.4
134.5°	0.4	0.4	0.4	0.4	0.4	0.4

TEST NUMBER: P1590545

CATALOG NUMBER: HCDLS1525CSD6TRC-HI-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
135°	0.4	0.4	0.4	0.4	0.4	0.4
135.5°	0.4	0.4	0.4	0.4	0.4	0.4
136°	0.4	0.4	0.4	0.4	0.4	0.4
136.5°	0.4	0.4	0.4	0.4	0.4	0.4
137°	0.5	0.4	0.5	0.5	0.5	0.5
137.5°	0.5	0.5	0.5	0.5	0.5	0.5
138°	0.5	0.5	0.5	0.5	0.5	0.5
138.5°	0.5	0.5	0.5	0.5	0.5	0.5
139°	0.5	0.5	0.5	0.5	0.5	0.5
139.5°	0.5	0.5	0.5	0.5	0.5	0.5
140°	0.5	0.5	0.5	0.5	0.5	0.5
140.5°	0.6	0.6	0.6	0.6	0.6	0.6
141°	0.6	0.6	0.6	0.6	0.6	0.6
141.5°	0.6	0.6	0.6	0.6	0.6	0.6
142°	0.6	0.6	0.6	0.6	0.6	0.6
142.5°	0.6	0.6	0.6	0.6	0.6	0.6
143°	0.6	0.6	0.6	0.6	0.6	0.6
143.5°	0.7	0.6	0.7	0.6	0.7	0.7
144°	0.7	0.7	0.7	0.7	0.7	0.7
144.5°	0.7	0.7	0.7	0.7	0.7	0.7
145°	0.7	0.7	0.7	0.7	0.7	0.7
145.5°	0.7	0.7	0.7	0.7	0.7	0.7
146°	0.7	0.7	0.7	0.7	0.7	0.7
146.5°	0.7	0.7	0.7	0.7	0.7	0.8
147°	0.8	0.7	0.8	0.8	0.8	0.8
147.5°	0.8	0.8	0.8	0.8	0.8	0.8
148°	0.8	0.8	0.8	0.8	0.8	0.8
148.5°	0.8	0.8	0.8	0.8	0.8	0.8
149°	0.8	0.8	0.8	0.8	0.8	0.8
149.5°	0.8	0.8	0.8	0.8	0.8	0.8
150°	0.8	0.8	0.8	0.8	0.8	0.9
150.5°	0.8	0.8	0.8	0.8	0.9	0.9
151°	0.9	0.9	0.9	0.9	0.9	0.9
151.5°	0.9	0.9	0.9	0.9	0.9	0.9
152°	0.9	0.9	0.9	0.9	0.9	0.9
152.5°	0.9	0.9	0.9	0.9	0.9	0.9
153°	0.9	0.9	0.9	0.9	0.9	0.9
153.5°	0.9	0.9	0.9	0.9	0.9	0.9
154°	0.9	0.9	0.9	0.9	1.0	1.0
154.5°	0.9	0.9	0.9	0.9	1.0	1.0
155°	1.0	0.9	1.0	1.0	1.0	1.0
155.5°	1.0	1.0	1.0	1.0	1.0	1.0
156°	1.0	1.0	1.0	1.0	1.0	1.0
156.5°	1.0	1.0	1.0	1.0	1.0	1.0
157°	1.0	1.0	1.0	1.0	1.0	1.0

TEST NUMBER: P1590545

CATALOG NUMBER: HCDLS1525CSD6TRC-HI-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
157.5°	1.0	1.0	1.0	1.0	1.0	1.0
158°	1.0	1.0	1.0	1.0	1.0	1.0
158.5°	1.0	1.0	1.0	1.0	1.1	1.1
159°	1.0	1.0	1.0	1.0	1.1	1.1
159.5°	1.0	1.0	1.0	1.1	1.1	1.1
160°	1.0	1.0	1.0	1.1	1.1	1.1
160.5°	1.1	1.0	1.1	1.1	1.1	1.1
161°	1.1	1.0	1.1	1.1	1.1	1.1
161.5°	1.1	1.1	1.1	1.1	1.1	1.1
162°	1.1	1.1	1.1	1.1	1.1	1.1
162.5°	1.1	1.1	1.1	1.1	1.1	1.1
163°	1.1	1.1	1.1	1.1	1.1	1.1
163.5°	1.1	1.1	1.1	1.1	1.1	1.1
164°	1.1	1.1	1.1	1.1	1.1	1.1
164.5°	1.1	1.1	1.1	1.1	1.1	1.1
165°	1.1	1.1	1.1	1.1	1.1	1.1
165.5°	1.1	1.1	1.1	1.1	1.1	1.1
166°	1.1	1.1	1.1	1.1	1.1	1.1
166.5°	1.1	1.1	1.1	1.1	1.1	1.1
167°	1.1	1.1	1.1	1.1	1.1	1.1
167.5°	1.1	1.1	1.1	1.1	1.1	1.1
168°	1.1	1.1	1.1	1.1	1.1	1.1
168.5°	1.1	1.1	1.1	1.1	1.1	1.1
169°	1.1	1.0	1.1	1.1	1.1	1.1
169.5°	1.1	1.0	1.1	1.1	1.1	1.1
170°	1.1	1.0	1.1	1.1	1.1	1.1
170.5°	1.0	1.0	1.0	1.1	1.1	1.1
171°	1.0	1.0	1.0	1.1	1.1	1.1
171.5°	1.0	1.0	1.0	1.1	1.1	1.1
172°	1.0	1.0	1.0	1.1	1.1	1.1
172.5°	1.0	1.0	1.0	1.1	1.1	1.1
173°	1.0	1.0	1.0	1.1	1.1	1.1
173.5°	1.0	1.0	1.0	1.0	1.1	1.1
174°	1.0	1.0	1.0	1.0	1.0	1.1
174.5°	1.0	1.0	1.0	1.0	1.0	1.1
175°	1.0	1.0	1.0	1.0	1.0	1.0
175.5°	1.0	1.0	1.0	1.0	1.0	1.0
176°	1.0	1.0	1.0	1.0	1.0	1.0
176.5°	1.0	1.0	1.0	1.0	1.0	1.0
177°	1.0	1.0	1.0	1.0	1.0	1.0
177.5°	1.0	1.1	1.0	1.1	1.0	1.1
178°	1.0	1.1	1.0	1.1	1.1	1.1
178.5°	1.0	1.1	1.0	1.1	1.1	1.1
179°	1.1	1.1	1.1	1.1	1.1	1.1
179.5°	1.1	1.1	1.1	1.1	1.1	1.1



TEST NUMBER: P1590545

CATALOG NUMBER: HCDLS1525CSD6TRC-HI-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
180°	1.1	1.1	1.1	1.1	1.1	1.1

TEST NUMBER: P1590545

CATALOG NUMBER: HCDLS1525CSD6TRC-HI-4000K

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	9.6	10.7	10.0	11.0	11.3	9.3	10.4	9.7	10.7	11.0
	3H	9.4	10.4	9.8	10.7	11.1	9.1	10.1	9.5	10.4	10.8
	4H	9.3	10.2	9.7	10.6	11.0	9.0	9.9	9.4	10.3	10.7
	6H	9.2	10.1	9.6	10.4	10.8	8.9	9.8	9.4	10.1	10.5
	8H	9.2	10.0	9.6	10.3	10.8	8.9	9.7	9.3	10.1	10.5
	12H	9.1	9.9	9.6	10.3	10.7	8.8	9.6	9.3	10.0	10.4
4H	2H	9.3	10.2	9.7	10.6	11.0	9.0	9.9	9.4	10.3	10.7
	3H	9.2	9.9	9.6	10.3	10.7	8.9	9.6	9.3	10.0	10.4
	4H	9.0	9.7	9.5	10.1	10.6	8.7	9.4	9.2	9.8	10.3
	6H	8.9	9.5	9.4	9.9	10.4	8.6	9.2	9.1	9.6	10.1
	8H	8.9	9.4	9.3	9.8	10.3	8.6	9.1	9.1	9.5	10.0
	12H	8.8	9.3	9.3	9.7	10.2	8.5	9.0	9.0	9.5	9.9
8H	4H	8.9	9.4	9.3	9.8	10.3	8.6	9.1	9.1	9.5	10.0
	6H	8.7	9.2	9.3	9.7	10.2	8.5	8.9	9.0	9.4	9.9
	8H	8.7	9.0	9.2	9.6	10.1	8.4	8.8	8.9	9.3	9.8
	12H	8.6	8.9	9.1	9.4	10.0	8.3	8.7	8.8	9.2	9.7
12H	4H	8.8	9.3	9.3	9.7	10.2	8.5	9.0	9.0	9.5	9.9
	6H	8.7	9.1	9.2	9.5	10.1	8.4	8.8	8.9	9.2	9.8
	8H	8.6	8.9	9.1	9.4	10.0	8.3	8.7	8.8	9.2	9.7

(END OF REPORT)