

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: P1590560

Luminaire Tested: HCDLS1525CSD6TRH-HI-4000K

Issue Date: 9/4/2026

Test Information

Test Method: LM-79-2019
Report Number: P1590560
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: HCDLS1525CSD6TRH-HI-4000K
Description: 6" Selectable Round Trim+ Haze (Semi-specular) 2500 Lumens 4000K

Light Source:
Ballast/Driver: -

Summary

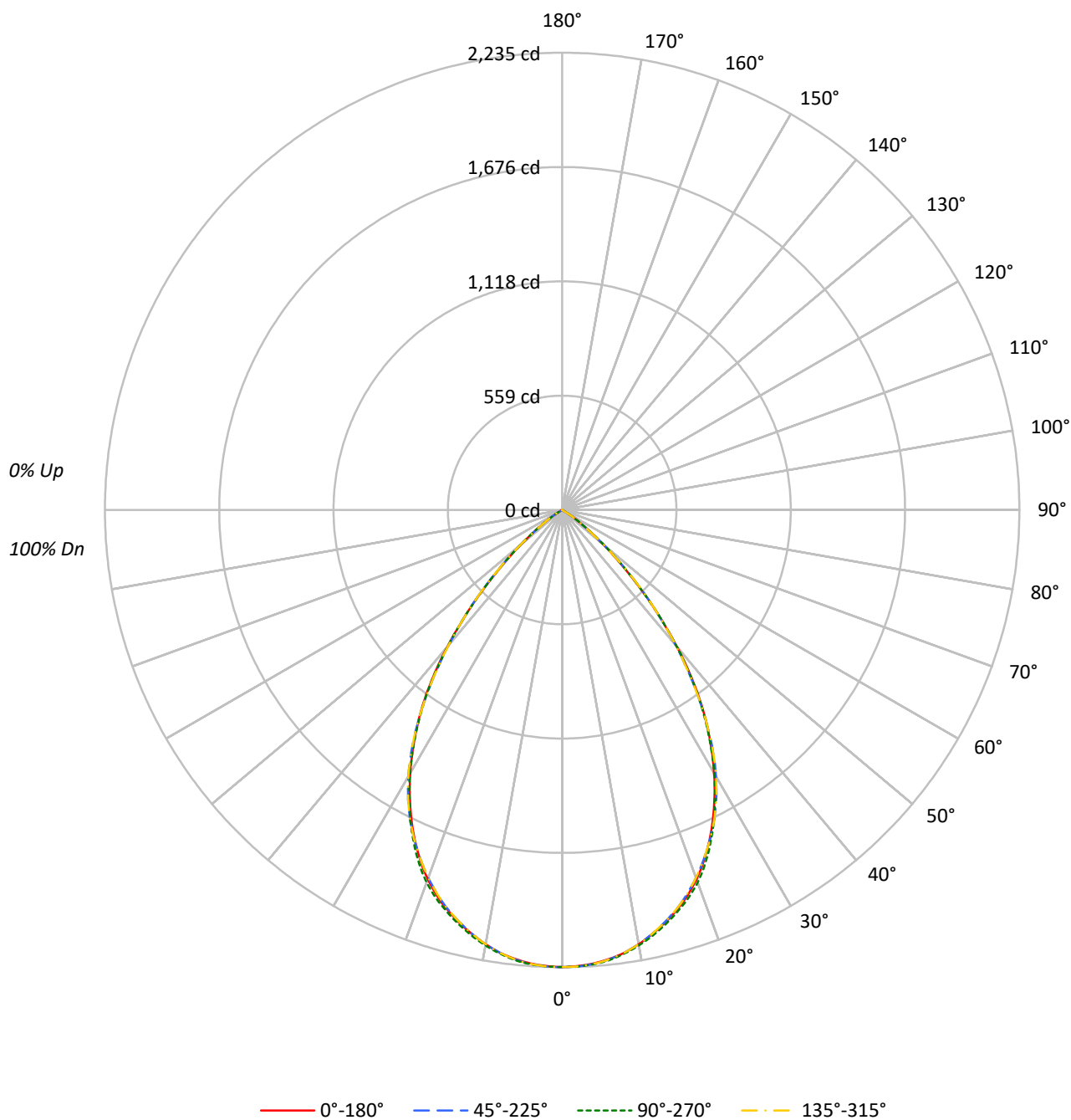
Lumens per Lamp: N/A
Luminaire Lumens: 2840.0 lumens
Efficiency: N/A
Efficacy: 107.6 lumens/watt
Spacing Criteria (0/90/45): 1.05 / 1.05 / 1.06
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 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

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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°	122485	122485	122485	122485
5°	121885	122188	121885	122188
10°	119993	120305	119993	120305
15°	116732	117265	116732	117265
20°	112051	113036	112051	113036
25°	104359	105151	104359	105151
30°	94002	94192	94002	94192
35°	80622	80201	80622	80201
40°	62467	62438	62467	62438
45°	41415	41524	41415	41524
50°	22438	22984	22438	22984
55°	9185	9108	9185	9108
60°	1031	855	1031	855
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: 42059 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	209.7	7.4
10°-20°	578.0	20.4
20°-30°	792.4	27.9
30°-40°	743.2	26.2
40°-50°	418.1	14.7
50°-60°	95.2	3.4
60°-70°	1.6	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°	1580.1	55.6
0°-40°	2323.3	81.8
0°-60°	2836.5	99.9
0°-90°	2838.3	99.9
90°-120°	0.0	0.0
90°-150°	0.9	0.0
90°-180°	2.0	0.1
0°-180°	2840.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2234	2234	2234	2234	2234	
5°	2215	2220	2215	2220	2215	210
15°	2057	2066	2057	2066	2057	578
25°	1725	1738	1725	1738	1725	789
35°	1205	1198	1205	1198	1205	743
45°	534	536	534	536	534	415
55°	96	95	96	95	96	96
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	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	2234.3	2234.3	2234.3	2234.3	2234.3	2234.3	2234.3	2234.3	2234.3	2234.3	2234.3
0.5°	2233.3	2233.8	2234.7	2234.6	2234.0	2234.6	2234.7	2233.8	2233.3	2233.8	2234.7
1°	2232.8	2233.1	2234.2	2234.2	2233.5	2234.2	2234.2	2233.1	2232.8	2233.1	2234.2
1.5°	2231.6	2232.2	2233.3	2233.5	2233.0	2233.5	2233.3	2232.2	2231.6	2232.2	2233.3
2°	2230.3	2230.9	2232.3	2232.5	2232.4	2232.5	2232.3	2230.9	2230.3	2230.9	2232.3
2.5°	2228.6	2229.3	2230.6	2231.3	2231.2	2231.3	2230.6	2229.3	2228.6	2229.3	2230.6
3°	2226.7	2227.3	2228.7	2229.4	2230.0	2229.4	2228.7	2227.3	2226.7	2227.3	2228.7
3.5°	2224.2	2224.9	2226.3	2227.4	2228.2	2227.4	2226.3	2224.9	2224.2	2224.9	2226.3
4°	2221.3	2222.3	2223.5	2224.8	2226.1	2224.8	2223.5	2222.3	2221.3	2222.3	2223.5
4.5°	2218.5	2219.0	2220.6	2221.9	2223.4	2221.9	2220.6	2219.0	2218.5	2219.0	2220.6
5°	2214.9	2215.6	2217.1	2218.5	2220.4	2218.5	2217.1	2215.6	2214.9	2215.6	2217.1
5.5°	2211.0	2211.7	2212.8	2214.3	2216.5	2214.3	2212.8	2211.7	2211.0	2211.7	2212.8
6°	2206.7	2207.6	2208.3	2209.5	2212.2	2209.5	2208.3	2207.6	2206.7	2207.6	2208.3
6.5°	2201.7	2203.1	2203.2	2204.4	2207.3	2204.4	2203.2	2203.1	2201.7	2203.1	2203.2
7°	2196.8	2197.9	2197.6	2198.8	2201.9	2198.8	2197.6	2197.9	2196.8	2197.9	2197.6
7.5°	2191.1	2192.5	2191.8	2192.7	2195.8	2192.7	2191.8	2192.5	2191.1	2192.5	2191.8
8°	2184.9	2186.4	2185.5	2186.2	2189.7	2186.2	2185.5	2186.4	2184.9	2186.4	2185.5
8.5°	2178.2	2180.0	2178.7	2179.5	2183.1	2179.5	2178.7	2180.0	2178.2	2180.0	2178.7
9°	2171.2	2172.9	2171.4	2172.3	2176.0	2172.3	2171.4	2172.9	2171.2	2172.9	2171.4
9.5°	2163.4	2165.4	2163.6	2165.0	2169.0	2165.0	2163.6	2165.4	2163.4	2165.4	2163.6
10°	2155.6	2157.4	2155.1	2157.2	2161.2	2157.2	2155.1	2157.4	2155.6	2157.4	2155.1
10.5°	2147.1	2148.4	2146.4	2149.4	2153.1	2149.4	2146.4	2148.4	2147.1	2148.4	2146.4
11°	2138.2	2139.4	2137.3	2140.9	2144.8	2140.9	2137.3	2139.4	2138.2	2139.4	2137.3
11.5°	2129.0	2129.9	2127.7	2132.4	2136.1	2132.4	2127.7	2129.9	2129.0	2129.9	2127.7
12°	2119.6	2120.0	2117.9	2123.5	2126.9	2123.5	2117.9	2120.0	2119.6	2120.0	2117.9
12.5°	2109.5	2109.5	2107.8	2114.2	2117.4	2114.2	2107.8	2109.5	2109.5	2109.5	2107.8
13°	2099.6	2099.1	2097.4	2104.7	2108.1	2104.7	2097.4	2099.1	2099.6	2099.1	2097.4
13.5°	2089.2	2088.0	2086.8	2095.2	2098.1	2095.2	2086.8	2088.0	2089.2	2088.0	2086.8
14°	2078.8	2077.1	2075.8	2084.7	2087.6	2084.7	2075.8	2077.1	2078.8	2077.1	2075.8
14.5°	2068.1	2065.3	2064.6	2073.9	2077.1	2073.9	2064.6	2065.3	2068.1	2065.3	2064.6
15°	2056.8	2053.6	2053.0	2062.8	2066.2	2062.8	2053.0	2053.6	2056.8	2053.6	2053.0
15.5°	2045.2	2041.4	2041.3	2051.6	2055.2	2051.6	2041.3	2041.4	2045.2	2041.4	2041.3
16°	2033.5	2029.3	2029.2	2039.3	2043.7	2039.3	2029.2	2029.3	2033.5	2029.3	2029.2
16.5°	2021.6	2016.0	2016.3	2026.6	2032.2	2026.6	2016.3	2016.0	2021.6	2016.0	2016.3
17°	2009.4	2002.9	2002.7	2013.5	2020.2	2013.5	2002.7	2002.9	2009.4	2002.9	2002.7
17.5°	1996.0	1989.6	1989.0	1999.8	2007.9	1999.8	1989.0	1989.6	1996.0	1989.6	1989.0
18°	1982.1	1975.8	1974.8	1985.7	1994.9	1985.7	1974.8	1975.8	1982.1	1975.8	1974.8
18.5°	1967.4	1961.2	1960.2	1971.4	1981.4	1971.4	1960.2	1961.2	1967.4	1961.2	1960.2
19°	1952.6	1946.5	1944.8	1957.0	1967.4	1957.0	1944.8	1946.5	1952.6	1946.5	1944.8
19.5°	1936.8	1931.0	1929.1	1942.0	1953.2	1942.0	1929.1	1931.0	1936.8	1931.0	1929.1
20°	1920.7	1915.1	1913.2	1926.1	1937.6	1926.1	1913.2	1915.1	1920.7	1915.1	1913.2
20.5°	1903.8	1898.7	1896.8	1909.8	1920.6	1909.8	1896.8	1898.7	1903.8	1898.7	1896.8
21°	1886.6	1881.7	1879.7	1892.5	1903.3	1892.5	1879.7	1881.7	1886.6	1881.7	1879.7
21.5°	1868.7	1864.0	1862.1	1874.9	1884.8	1874.9	1862.1	1864.0	1868.7	1864.0	1862.1
22°	1849.7	1846.0	1844.3	1856.4	1865.6	1856.4	1844.3	1846.0	1849.7	1846.0	1844.3

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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°	1830.2	1827.2	1826.7	1837.8	1845.5	1837.8	1826.7	1827.2	1830.2	1827.2	1826.7
23°	1810.1	1808.4	1808.4	1818.7	1825.3	1818.7	1808.4	1808.4	1810.1	1808.4	1808.4
23.5°	1789.7	1788.9	1790.0	1798.9	1804.4	1798.9	1790.0	1788.9	1789.7	1788.9	1790.0
24°	1768.5	1769.4	1771.6	1779.1	1782.9	1779.1	1771.6	1769.4	1768.5	1769.4	1771.6
24.5°	1747.1	1749.4	1752.5	1758.7	1760.7	1758.7	1752.5	1749.4	1747.1	1749.4	1752.5
25°	1725.3	1729.0	1732.9	1737.7	1738.4	1737.7	1732.9	1729.0	1725.3	1729.0	1732.9
25.5°	1703.1	1708.3	1712.9	1716.3	1715.0	1716.3	1712.9	1708.3	1703.1	1708.3	1712.9
26°	1680.7	1687.1	1692.4	1694.4	1691.6	1694.4	1692.4	1687.1	1680.7	1687.1	1692.4
26.5°	1657.7	1665.5	1671.1	1672.1	1667.3	1672.1	1671.1	1665.5	1657.7	1665.5	1671.1
27°	1634.4	1643.3	1649.4	1649.3	1643.0	1649.3	1649.4	1643.3	1634.4	1643.3	1649.4
27.5°	1610.9	1620.4	1627.0	1626.1	1618.3	1626.1	1627.0	1620.4	1610.9	1620.4	1627.0
28°	1587.1	1597.0	1603.8	1601.9	1592.7	1601.9	1603.8	1597.0	1587.1	1597.0	1603.8
28.5°	1562.0	1573.0	1580.0	1577.3	1567.4	1577.3	1580.0	1573.0	1562.0	1573.0	1580.0
29°	1537.0	1548.5	1555.4	1552.0	1541.6	1552.0	1555.4	1548.5	1537.0	1548.5	1555.4
29.5°	1511.2	1523.1	1530.3	1526.3	1515.4	1526.3	1530.3	1523.1	1511.2	1523.1	1530.3
30°	1485.0	1497.1	1504.0	1499.5	1488.0	1499.5	1504.0	1497.1	1485.0	1497.1	1504.0
30.5°	1459.0	1470.8	1477.0	1472.0	1460.8	1472.0	1477.0	1470.8	1459.0	1470.8	1477.0
31°	1432.0	1443.6	1449.4	1443.8	1432.4	1443.8	1449.4	1443.6	1432.0	1443.6	1449.4
31.5°	1404.8	1416.0	1420.9	1415.5	1404.0	1415.5	1420.9	1416.0	1404.8	1416.0	1420.9
32°	1377.1	1387.2	1391.3	1386.4	1375.5	1386.4	1391.3	1387.2	1377.1	1387.2	1391.3
32.5°	1349.5	1358.9	1361.6	1357.0	1346.6	1357.0	1361.6	1358.9	1349.5	1358.9	1361.6
33°	1321.1	1328.8	1330.9	1326.9	1317.4	1326.9	1330.9	1328.8	1321.1	1328.8	1330.9
33.5°	1293.5	1299.1	1300.0	1296.3	1287.7	1296.3	1300.0	1299.1	1293.5	1299.1	1300.0
34°	1263.8	1268.3	1267.8	1265.7	1258.4	1265.7	1267.8	1268.3	1263.8	1268.3	1267.8
34.5°	1234.6	1237.7	1236.0	1233.9	1228.6	1233.9	1236.0	1237.7	1234.6	1237.7	1236.0
35°	1204.7	1205.4	1202.8	1202.2	1198.4	1202.2	1202.8	1205.4	1204.7	1205.4	1202.8
35.5°	1174.3	1173.4	1169.6	1170.0	1168.3	1170.0	1169.6	1173.4	1174.3	1173.4	1169.6
36°	1142.4	1140.9	1135.7	1137.6	1137.5	1137.6	1135.7	1140.9	1142.4	1140.9	1135.7
36.5°	1111.0	1108.1	1102.2	1104.8	1106.7	1104.8	1102.2	1108.1	1111.0	1108.1	1102.2
37°	1078.6	1074.6	1067.5	1072.3	1074.6	1072.3	1067.5	1074.6	1078.6	1074.6	1067.5
37.5°	1045.4	1041.1	1033.2	1039.3	1041.6	1039.3	1033.2	1041.1	1045.4	1041.1	1033.2
38°	1011.7	1007.2	999.4	1005.8	1006.7	1005.8	999.4	1007.2	1011.7	1007.2	999.4
38.5°	978.2	973.4	965.3	971.9	972.9	971.9	965.3	973.4	978.2	973.4	965.3
39°	943.8	937.7	931.6	938.0	939.3	938.0	931.6	937.7	943.8	937.7	931.6
39.5°	908.2	903.4	898.2	904.1	905.8	904.1	898.2	903.4	908.2	903.4	898.2
40°	872.9	869.7	864.8	869.8	872.5	869.8	864.8	869.7	872.9	869.7	864.8
40.5°	838.0	836.2	831.6	835.6	838.9	835.6	831.6	836.2	838.0	836.2	831.6
41°	802.7	802.5	798.0	801.3	804.2	801.3	798.0	802.5	802.7	802.5	798.0
41.5°	767.7	768.6	764.3	767.4	769.8	767.4	764.3	768.6	767.7	768.6	764.3
42°	732.9	734.4	731.3	733.8	735.3	733.8	731.3	734.4	732.9	734.4	731.3
42.5°	698.6	700.5	698.9	701.4	701.0	701.4	698.9	700.5	698.6	700.5	698.9
43°	664.9	666.5	666.8	668.8	666.5	668.8	666.8	666.5	664.9	666.5	666.8
43.5°	631.5	633.4	634.9	636.4	632.4	636.4	634.9	633.4	631.5	633.4	634.9
44°	598.7	600.0	603.1	604.6	599.4	604.6	603.1	600.0	598.7	600.0	603.1
44.5°	566.0	568.2	572.4	574.0	567.3	574.0	572.4	568.2	566.0	568.2	572.4

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	534.2	536.8	542.3	542.5	535.6	542.5	542.3	536.8	534.2	536.8	542.3
45.5°	502.6	506.2	512.2	511.7	504.9	511.7	512.2	506.2	502.6	506.2	512.2
46°	471.7	476.1	482.2	481.8	474.7	481.8	482.2	476.1	471.7	476.1	482.2
46.5°	441.9	446.9	452.8	452.6	445.7	452.6	452.8	446.9	441.9	446.9	452.8
47°	412.9	418.4	423.9	424.1	417.6	424.1	423.9	418.4	412.9	418.4	423.9
47.5°	385.0	390.4	395.6	396.4	390.4	396.4	395.6	390.4	385.0	390.4	395.6
48°	357.8	363.3	368.0	368.9	363.9	368.9	368.0	363.3	357.8	363.3	368.0
48.5°	332.1	337.1	341.0	342.9	338.6	342.9	341.0	337.1	332.1	337.1	341.0
49°	307.8	311.9	315.0	317.5	314.2	317.5	315.0	311.9	307.8	311.9	315.0
49.5°	285.1	288.4	290.8	293.4	291.2	293.4	290.8	288.4	285.1	288.4	290.8
50°	263.1	265.6	267.5	270.6	269.5	270.6	267.5	265.6	263.1	265.6	267.5
50.5°	241.4	243.1	244.7	248.1	248.3	248.1	244.7	243.1	241.4	243.1	244.7
51°	220.6	221.4	222.3	226.2	227.4	226.2	222.3	221.4	220.6	221.4	222.3
51.5°	202.1	200.9	200.8	205.8	207.3	205.8	200.8	200.9	202.1	200.9	200.8
52°	183.8	182.3	180.9	186.0	187.6	186.0	180.9	182.3	183.8	182.3	180.9
52.5°	167.1	164.7	162.7	168.0	169.5	168.0	162.7	164.7	167.1	164.7	162.7
53°	151.2	148.4	145.9	151.4	152.9	151.4	145.9	148.4	151.2	148.4	145.9
53.5°	136.2	133.3	130.7	135.8	136.7	135.8	130.7	133.3	136.2	133.3	130.7
54°	121.9	119.2	116.8	121.1	122.0	121.1	116.8	119.2	121.9	119.2	116.8
54.5°	108.7	106.1	103.9	107.4	108.1	107.4	103.9	106.1	108.7	106.1	103.9
55°	96.1	93.9	92.0	94.7	95.3	94.7	92.0	93.9	96.1	93.9	92.0
55.5°	84.3	82.7	81.4	82.9	83.0	82.9	81.4	82.7	84.3	82.7	81.4
56°	73.9	72.7	71.1	72.4	72.4	72.4	71.1	72.7	73.9	72.7	71.1
56.5°	64.0	63.4	61.7	62.4	62.5	62.4	61.7	63.4	64.0	63.4	61.7
57°	54.8	54.3	52.6	52.8	53.2	52.8	52.6	54.3	54.8	54.3	52.6
57.5°	45.6	45.4	43.6	43.6	44.0	43.6	43.6	45.4	45.6	45.4	43.6
58°	36.4	36.5	35.2	35.0	34.7	35.0	35.2	36.5	36.4	36.5	35.2
58.5°	28.3	28.5	26.6	26.7	26.6	26.7	26.6	28.5	28.3	28.5	26.6
59°	19.9	20.5	18.3	18.4	18.4	18.4	18.3	20.5	19.9	20.5	18.3
59.5°	13.9	13.8	11.6	11.6	12.3	11.6	11.6	13.8	13.9	13.8	11.6
60°	9.4	9.2	7.7	7.0	7.8	7.0	7.7	9.2	9.4	9.2	7.7
60.5°	5.9	6.5	5.2	4.7	6.3	4.7	5.2	6.5	5.9	6.5	5.2
61°	4.9	5.3	4.0	3.8	5.1	3.8	4.0	5.3	4.9	5.3	4.0
61.5°	4.0	4.2	3.0	3.0	3.9	3.0	3.0	4.2	4.0	4.2	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	1.8	1.7	1.6	1.7	1.8	2.5	2.2	2.5	1.8
63°	1.9	1.8	1.6	1.4	1.4	1.4	1.6	1.8	1.9	1.8	1.6
63.5°	1.7	1.6	1.4	1.2	1.2	1.2	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	0.9	0.8	0.8	0.8	0.9	1.1	1.1	1.1	0.9
65.5°	1.0	1.0	0.8	0.7	0.7	0.7	0.8	1.0	1.0	1.0	0.8
66°	0.9	0.8	0.7	0.7	0.6	0.7	0.7	0.8	0.9	0.8	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: P1590560

CATALOG NUMBER: HCDLS1525CSD6TRH-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°	0.4	0.4	0.4	0.3	0.3	0.3	0.4	0.4	0.4	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°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	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: P1590560

CATALOG NUMBER: HCDLS1525CSD6TRH-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: P1590560

CATALOG NUMBER: HCDLS1525CSD6TRH-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°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	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°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	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: P1590560

CATALOG NUMBER: HCDLS1525CSD6TRH-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	0.5	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	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	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.6	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°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
147°	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.7
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°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	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	0.8	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°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	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	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0
155.5°	1.0	1.0	1.0	1.0	0.9	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: P1590560

CATALOG NUMBER: HCDLS1525CSD6TRH-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°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	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	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.0
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	1.0	1.0	1.0	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	1.0	1.1	1.1	1.1	1.1	1.1	1.1
162°	1.1	1.1	1.1	1.1	1.0	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	1.0	1.1	1.1	1.1	1.1	1.1	1.1
168.5°	1.1	1.1	1.1	1.1	1.0	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	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1
170°	1.1	1.1	1.1	1.0	1.0	1.0	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	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.0
172.5°	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.0
173°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
173.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
174°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
174.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	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°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
178°	1.0	1.0	1.1	1.0	1.1	1.0	1.1	1.0	1.0	1.0	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	1.0	1.1	1.0	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: P1590560
CATALOG NUMBER: HCDLS1525CSD6TRH-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: P1590560

CATALOG NUMBER: HCDLS1525CSD6TRH-HI-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	2234.3	2234.3	2234.3	2234.3	2234.3	2234.3
0.5°	2234.6	2234.0	2234.6	2234.7	2233.8	2233.3
1°	2234.2	2233.5	2234.2	2234.2	2233.1	2232.8
1.5°	2233.5	2233.0	2233.5	2233.3	2232.2	2231.6
2°	2232.5	2232.4	2232.5	2232.3	2230.9	2230.3
2.5°	2231.3	2231.2	2231.3	2230.6	2229.3	2228.6
3°	2229.4	2230.0	2229.4	2228.7	2227.3	2226.7
3.5°	2227.4	2228.2	2227.4	2226.3	2224.9	2224.2
4°	2224.8	2226.1	2224.8	2223.5	2222.3	2221.3
4.5°	2221.9	2223.4	2221.9	2220.6	2219.0	2218.5
5°	2218.5	2220.4	2218.5	2217.1	2215.6	2214.9
5.5°	2214.3	2216.5	2214.3	2212.8	2211.7	2211.0
6°	2209.5	2212.2	2209.5	2208.3	2207.6	2206.7
6.5°	2204.4	2207.3	2204.4	2203.2	2203.1	2201.7
7°	2198.8	2201.9	2198.8	2197.6	2197.9	2196.8
7.5°	2192.7	2195.8	2192.7	2191.8	2192.5	2191.1
8°	2186.2	2189.7	2186.2	2185.5	2186.4	2184.9
8.5°	2179.5	2183.1	2179.5	2178.7	2180.0	2178.2
9°	2172.3	2176.0	2172.3	2171.4	2172.9	2171.2
9.5°	2165.0	2169.0	2165.0	2163.6	2165.4	2163.4
10°	2157.2	2161.2	2157.2	2155.1	2157.4	2155.6
10.5°	2149.4	2153.1	2149.4	2146.4	2148.4	2147.1
11°	2140.9	2144.8	2140.9	2137.3	2139.4	2138.2
11.5°	2132.4	2136.1	2132.4	2127.7	2129.9	2129.0
12°	2123.5	2126.9	2123.5	2117.9	2120.0	2119.6
12.5°	2114.2	2117.4	2114.2	2107.8	2109.5	2109.5
13°	2104.7	2108.1	2104.7	2097.4	2099.1	2099.6
13.5°	2095.2	2098.1	2095.2	2086.8	2088.0	2089.2
14°	2084.7	2087.6	2084.7	2075.8	2077.1	2078.8
14.5°	2073.9	2077.1	2073.9	2064.6	2065.3	2068.1
15°	2062.8	2066.2	2062.8	2053.0	2053.6	2056.8
15.5°	2051.6	2055.2	2051.6	2041.3	2041.4	2045.2
16°	2039.3	2043.7	2039.3	2029.2	2029.3	2033.5
16.5°	2026.6	2032.2	2026.6	2016.3	2016.0	2021.6
17°	2013.5	2020.2	2013.5	2002.7	2002.9	2009.4
17.5°	1999.8	2007.9	1999.8	1989.0	1989.6	1996.0
18°	1985.7	1994.9	1985.7	1974.8	1975.8	1982.1
18.5°	1971.4	1981.4	1971.4	1960.2	1961.2	1967.4
19°	1957.0	1967.4	1957.0	1944.8	1946.5	1952.6
19.5°	1942.0	1953.2	1942.0	1929.1	1931.0	1936.8
20°	1926.1	1937.6	1926.1	1913.2	1915.1	1920.7
20.5°	1909.8	1920.6	1909.8	1896.8	1898.7	1903.8
21°	1892.5	1903.3	1892.5	1879.7	1881.7	1886.6
21.5°	1874.9	1884.8	1874.9	1862.1	1864.0	1868.7
22°	1856.4	1865.6	1856.4	1844.3	1846.0	1849.7

TEST NUMBER: P1590560

CATALOG NUMBER: HCDLS1525CSD6TRH-HI-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	1837.8	1845.5	1837.8	1826.7	1827.2	1830.2
23°	1818.7	1825.3	1818.7	1808.4	1808.4	1810.1
23.5°	1798.9	1804.4	1798.9	1790.0	1788.9	1789.7
24°	1779.1	1782.9	1779.1	1771.6	1769.4	1768.5
24.5°	1758.7	1760.7	1758.7	1752.5	1749.4	1747.1
25°	1737.7	1738.4	1737.7	1732.9	1729.0	1725.3
25.5°	1716.3	1715.0	1716.3	1712.9	1708.3	1703.1
26°	1694.4	1691.6	1694.4	1692.4	1687.1	1680.7
26.5°	1672.1	1667.3	1672.1	1671.1	1665.5	1657.7
27°	1649.3	1643.0	1649.3	1649.4	1643.3	1634.4
27.5°	1626.1	1618.3	1626.1	1627.0	1620.4	1610.9
28°	1601.9	1592.7	1601.9	1603.8	1597.0	1587.1
28.5°	1577.3	1567.4	1577.3	1580.0	1573.0	1562.0
29°	1552.0	1541.6	1552.0	1555.4	1548.5	1537.0
29.5°	1526.3	1515.4	1526.3	1530.3	1523.1	1511.2
30°	1499.5	1488.0	1499.5	1504.0	1497.1	1485.0
30.5°	1472.0	1460.8	1472.0	1477.0	1470.8	1459.0
31°	1443.8	1432.4	1443.8	1449.4	1443.6	1432.0
31.5°	1415.5	1404.0	1415.5	1420.9	1416.0	1404.8
32°	1386.4	1375.5	1386.4	1391.3	1387.2	1377.1
32.5°	1357.0	1346.6	1357.0	1361.6	1358.9	1349.5
33°	1326.9	1317.4	1326.9	1330.9	1328.8	1321.1
33.5°	1296.3	1287.7	1296.3	1300.0	1299.1	1293.5
34°	1265.7	1258.4	1265.7	1267.8	1268.3	1263.8
34.5°	1233.9	1228.6	1233.9	1236.0	1237.7	1234.6
35°	1202.2	1198.4	1202.2	1202.8	1205.4	1204.7
35.5°	1170.0	1168.3	1170.0	1169.6	1173.4	1174.3
36°	1137.6	1137.5	1137.6	1135.7	1140.9	1142.4
36.5°	1104.8	1106.7	1104.8	1102.2	1108.1	1111.0
37°	1072.3	1074.6	1072.3	1067.5	1074.6	1078.6
37.5°	1039.3	1041.6	1039.3	1033.2	1041.1	1045.4
38°	1005.8	1006.7	1005.8	999.4	1007.2	1011.7
38.5°	971.9	972.9	971.9	965.3	973.4	978.2
39°	938.0	939.3	938.0	931.6	937.7	943.8
39.5°	904.1	905.8	904.1	898.2	903.4	908.2
40°	869.8	872.5	869.8	864.8	869.7	872.9
40.5°	835.6	838.9	835.6	831.6	836.2	838.0
41°	801.3	804.2	801.3	798.0	802.5	802.7
41.5°	767.4	769.8	767.4	764.3	768.6	767.7
42°	733.8	735.3	733.8	731.3	734.4	732.9
42.5°	701.4	701.0	701.4	698.9	700.5	698.6
43°	668.8	666.5	668.8	666.8	666.5	664.9
43.5°	636.4	632.4	636.4	634.9	633.4	631.5
44°	604.6	599.4	604.6	603.1	600.0	598.7
44.5°	574.0	567.3	574.0	572.4	568.2	566.0

TEST NUMBER: P1590560

CATALOG NUMBER: HCDLS1525CSD6TRH-HI-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	542.5	535.6	542.5	542.3	536.8	534.2
45.5°	511.7	504.9	511.7	512.2	506.2	502.6
46°	481.8	474.7	481.8	482.2	476.1	471.7
46.5°	452.6	445.7	452.6	452.8	446.9	441.9
47°	424.1	417.6	424.1	423.9	418.4	412.9
47.5°	396.4	390.4	396.4	395.6	390.4	385.0
48°	368.9	363.9	368.9	368.0	363.3	357.8
48.5°	342.9	338.6	342.9	341.0	337.1	332.1
49°	317.5	314.2	317.5	315.0	311.9	307.8
49.5°	293.4	291.2	293.4	290.8	288.4	285.1
50°	270.6	269.5	270.6	267.5	265.6	263.1
50.5°	248.1	248.3	248.1	244.7	243.1	241.4
51°	226.2	227.4	226.2	222.3	221.4	220.6
51.5°	205.8	207.3	205.8	200.8	200.9	202.1
52°	186.0	187.6	186.0	180.9	182.3	183.8
52.5°	168.0	169.5	168.0	162.7	164.7	167.1
53°	151.4	152.9	151.4	145.9	148.4	151.2
53.5°	135.8	136.7	135.8	130.7	133.3	136.2
54°	121.1	122.0	121.1	116.8	119.2	121.9
54.5°	107.4	108.1	107.4	103.9	106.1	108.7
55°	94.7	95.3	94.7	92.0	93.9	96.1
55.5°	82.9	83.0	82.9	81.4	82.7	84.3
56°	72.4	72.4	72.4	71.1	72.7	73.9
56.5°	62.4	62.5	62.4	61.7	63.4	64.0
57°	52.8	53.2	52.8	52.6	54.3	54.8
57.5°	43.6	44.0	43.6	43.6	45.4	45.6
58°	35.0	34.7	35.0	35.2	36.5	36.4
58.5°	26.7	26.6	26.7	26.6	28.5	28.3
59°	18.4	18.4	18.4	18.3	20.5	19.9
59.5°	11.6	12.3	11.6	11.6	13.8	13.9
60°	7.0	7.8	7.0	7.7	9.2	9.4
60.5°	4.7	6.3	4.7	5.2	6.5	5.9
61°	3.8	5.1	3.8	4.0	5.3	4.9
61.5°	3.0	3.9	3.0	3.0	4.2	4.0
62°	2.2	2.8	2.2	2.4	3.2	3.1
62.5°	1.7	1.6	1.7	1.8	2.5	2.2
63°	1.4	1.4	1.4	1.6	1.8	1.9
63.5°	1.2	1.2	1.2	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°	0.8	0.8	0.8	0.9	1.1	1.1
65.5°	0.7	0.7	0.7	0.8	1.0	1.0
66°	0.7	0.6	0.7	0.7	0.8	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: P1590560

CATALOG NUMBER: HCDLS1525CSD6TRH-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	0.4
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	0.1
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: P1590560

CATALOG NUMBER: HCDLS1525CSD6TRH-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: P1590560

CATALOG NUMBER: HCDLS1525CSD6TRH-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	0.2
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	0.3
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: P1590560

CATALOG NUMBER: HCDLS1525CSD6TRH-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	0.5	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°	0.6	0.6	0.6	0.6	0.6	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	0.7
147°	0.7	0.7	0.7	0.7	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	0.8
150.5°	0.8	0.8	0.8	0.8	0.9	0.9
151°	0.9	0.8	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	0.9	0.9
154.5°	0.9	0.9	0.9	0.9	1.0	1.0
155°	0.9	0.9	0.9	1.0	1.0	1.0
155.5°	1.0	0.9	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: P1590560

CATALOG NUMBER: HCDLS1525CSD6TRH-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	1.0	1.0
159°	1.0	1.0	1.0	1.0	1.1	1.1
159.5°	1.0	1.0	1.0	1.0	1.1	1.1
160°	1.0	1.0	1.0	1.1	1.1	1.1
160.5°	1.0	1.0	1.0	1.1	1.1	1.1
161°	1.1	1.0	1.1	1.1	1.1	1.1
161.5°	1.1	1.0	1.1	1.1	1.1	1.1
162°	1.1	1.0	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	1.0	1.1	1.1	1.1	1.1
168.5°	1.1	1.0	1.1	1.1	1.1	1.1
169°	1.1	1.0	1.1	1.1	1.1	1.1
169.5°	1.0	1.0	1.0	1.1	1.1	1.1
170°	1.0	1.0	1.0	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	1.0	1.1	1.1
172.5°	1.0	1.0	1.0	1.0	1.1	1.1
173°	1.0	1.0	1.0	1.0	1.0	1.0
173.5°	1.0	1.0	1.0	1.0	1.0	1.0
174°	1.0	1.0	1.0	1.0	1.0	1.0
174.5°	1.0	1.0	1.0	1.0	1.0	1.0
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	1.0	1.0	1.0	1.0	1.0
178°	1.0	1.1	1.0	1.1	1.0	1.0
178.5°	1.0	1.1	1.0	1.1	1.1	1.1
179°	1.0	1.1	1.0	1.1	1.1	1.1
179.5°	1.1	1.1	1.1	1.1	1.1	1.1



TEST NUMBER: P1590560

CATALOG NUMBER: HCDLS1525CSD6TRH-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: P1590560

CATALOG NUMBER: HCDLS1525CSD6TRH-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	9.5	10.7	9.9	11.0	11.3	9.3	10.4	9.6	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	10.5	10.9	9.0	9.9	9.4	10.3	10.7
	6H	9.2	10.0	9.6	10.4	10.8	8.9	9.7	9.3	10.1	10.5
	8H	9.1	9.9	9.6	10.3	10.7	8.9	9.6	9.3	10.0	10.4
	12H	9.1	9.8	9.5	10.2	10.6	8.8	9.5	9.2	9.9	10.4
4H	2H	9.3	10.2	9.7	10.5	10.9	9.0	9.9	9.4	10.3	10.7
	3H	9.1	9.8	9.5	10.2	10.7	8.8	9.6	9.2	10.0	10.4
	4H	9.0	9.6	9.4	10.1	10.5	8.7	9.4	9.2	9.8	10.2
	6H	8.9	9.5	9.4	9.9	10.4	8.6	9.2	9.1	9.6	10.1
	8H	8.8	9.3	9.3	9.8	10.3	8.5	9.1	9.0	9.5	10.0
	12H	8.8	9.2	9.3	9.7	10.2	8.5	8.9	9.0	9.4	9.9
8H	4H	8.8	9.3	9.3	9.8	10.3	8.5	9.1	9.0	9.5	10.0
	6H	8.7	9.1	9.2	9.6	10.1	8.4	8.8	8.9	9.3	9.8
	8H	8.6	9.0	9.2	9.5	10.0	8.4	8.7	8.9	9.2	9.7
	12H	8.6	8.9	9.1	9.4	10.0	8.3	8.6	8.8	9.1	9.7
12H	4H	8.8	9.2	9.3	9.7	10.2	8.5	8.9	9.0	9.4	9.9
	6H	8.6	9.0	9.2	9.5	10.0	8.4	8.7	8.9	9.2	9.8
	8H	8.6	8.9	9.1	9.4	10.0	8.3	8.6	8.8	9.1	9.7

(END OF REPORT)