

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: P1590575

Luminaire Tested: HCDLS1525CSD6TRMW-HI-4000K

Issue Date: 9/4/2026

Test Information

Test Method: LM-79-2019
Report Number: P1590575
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: HCDLS1525CSD6TRMW-HI-4000K
Description: 6" Selectable Round Trim+Matte White (paintable) 2500 Lumens 4000K

Light Source:
Ballast/Driver: -

Summary

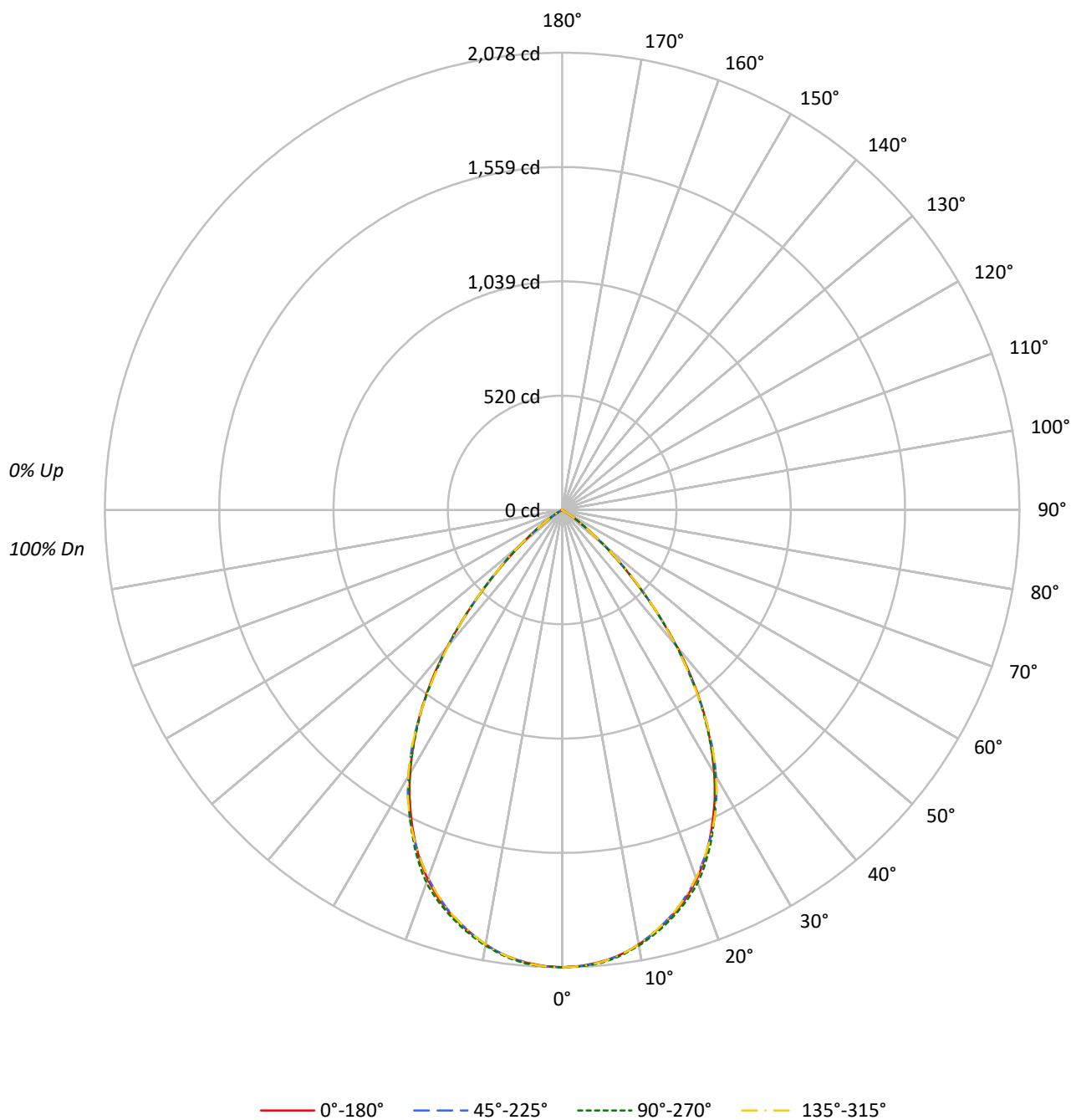
Lumens per Lamp: N/A
Luminaire Lumens: 2641.2 lumens
Efficiency: N/A
Efficacy: 100.0 lumens/watt
Spacing Criteria (0/90/45): 1.05 / 1.05 / 1.06
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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°	113911	113911	113911	113911
5°	113350	113636	113350	113636
10°	111593	111883	111593	111883
15°	108559	109059	108559	109059
20°	104210	105126	104210	105126
25°	97052	97790	97052	97790
30°	87425	87596	87425	87596
35°	74981	74586	74981	74586
40°	58095	58066	58095	58066
45°	38516	38616	38516	38616
50°	20869	21372	20869	21372
55°	8544	8468	8544	8468
60°	954	789	954	789
65°	143	104	143	104
70°	48	32	48	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: 39120 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	195.0	7.4
10°-20°	537.5	20.4
20°-30°	736.9	27.9
30°-40°	691.2	26.2
40°-50°	388.9	14.7
50°-60°	88.5	3.4
60°-70°	1.5	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°	1469.5	55.6
0°-40°	2160.6	81.8
0°-60°	2638.0	99.9
0°-90°	2639.6	99.9
90°-120°	0.0	0.0
90°-150°	0.8	0.0
90°-180°	2.0	0.1
0°-180°	2641.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2078	2078	2078	2078	2078	
5°	2060	2065	2060	2065	2060	195
15°	1913	1922	1913	1922	1913	537
25°	1604	1617	1604	1617	1604	734
35°	1120	1114	1120	1114	1120	691
45°	497	498	497	498	497	386
55°	89	89	89	89	89	89
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°	2077.9	2077.9	2077.9	2077.9	2077.9	2077.9	2077.9	2077.9	2077.9	2077.9	2077.9
0.5°	2077.0	2077.4	2078.3	2078.1	2077.6	2078.1	2078.3	2077.4	2077.0	2077.4	2078.3
1°	2076.5	2076.8	2077.8	2077.8	2077.2	2077.8	2077.8	2076.8	2076.5	2076.8	2077.8
1.5°	2075.4	2075.9	2077.0	2077.2	2076.7	2077.2	2077.0	2075.9	2075.4	2075.9	2077.0
2°	2074.2	2074.8	2076.1	2076.2	2076.1	2076.2	2076.1	2074.8	2074.2	2074.8	2076.1
2.5°	2072.6	2073.2	2074.4	2075.1	2075.0	2075.1	2074.4	2073.2	2072.6	2073.2	2074.4
3°	2070.8	2071.3	2072.7	2073.4	2073.9	2073.4	2072.7	2071.3	2070.8	2071.3	2072.7
3.5°	2068.5	2069.1	2070.4	2071.5	2072.2	2071.5	2070.4	2069.1	2068.5	2069.1	2070.4
4°	2065.9	2066.7	2067.9	2069.1	2070.3	2069.1	2067.9	2066.7	2065.9	2066.7	2067.9
4.5°	2063.2	2063.7	2065.2	2066.3	2067.8	2066.3	2065.2	2063.7	2063.2	2063.7	2065.2
5°	2059.8	2060.5	2061.9	2063.2	2065.0	2063.2	2061.9	2060.5	2059.8	2060.5	2061.9
5.5°	2056.3	2056.9	2057.9	2059.3	2061.4	2059.3	2057.9	2056.9	2056.3	2056.9	2057.9
6°	2052.2	2053.1	2053.7	2054.9	2057.3	2054.9	2053.7	2053.1	2052.2	2053.1	2053.7
6.5°	2047.6	2048.9	2049.0	2050.1	2052.8	2050.1	2049.0	2048.9	2047.6	2048.9	2049.0
7°	2043.1	2044.0	2043.8	2044.9	2047.8	2044.9	2043.8	2044.0	2043.1	2044.0	2043.8
7.5°	2037.7	2039.0	2038.4	2039.2	2042.1	2039.2	2038.4	2039.0	2037.7	2039.0	2038.4
8°	2032.0	2033.3	2032.5	2033.2	2036.4	2033.2	2032.5	2033.3	2032.0	2033.3	2032.5
8.5°	2025.8	2027.4	2026.2	2026.9	2030.3	2026.9	2026.2	2027.4	2025.8	2027.4	2026.2
9°	2019.2	2020.8	2019.4	2020.3	2023.7	2020.3	2019.4	2020.8	2019.2	2020.8	2019.4
9.5°	2012.0	2013.8	2012.1	2013.4	2017.2	2013.4	2012.1	2013.8	2012.0	2013.8	2012.1
10°	2004.7	2006.3	2004.3	2006.2	2009.9	2006.2	2004.3	2006.3	2004.7	2006.3	2004.3
10.5°	1996.8	1998.1	1996.1	1998.9	2002.4	1998.9	1996.1	1998.1	1996.8	1998.1	1996.1
11°	1988.5	1989.6	1987.7	1991.1	1994.7	1991.1	1987.7	1989.6	1988.5	1989.6	1987.7
11.5°	1980.0	1980.8	1978.8	1983.1	1986.5	1983.1	1978.8	1980.8	1980.0	1980.8	1978.8
12°	1971.2	1971.6	1969.7	1974.9	1978.0	1974.9	1969.7	1971.6	1971.2	1971.6	1969.7
12.5°	1961.8	1961.9	1960.2	1966.3	1969.2	1966.3	1960.2	1961.9	1961.8	1961.9	1960.2
13°	1952.6	1952.2	1950.5	1957.4	1960.5	1957.4	1950.5	1952.2	1952.6	1952.2	1950.5
13.5°	1943.0	1941.8	1940.7	1948.5	1951.2	1948.5	1940.7	1941.8	1943.0	1941.8	1940.7
14°	1933.2	1931.7	1930.5	1938.8	1941.4	1938.8	1930.5	1931.7	1933.2	1931.7	1930.5
14.5°	1923.3	1920.7	1920.0	1928.8	1931.7	1928.8	1920.0	1920.7	1923.3	1920.7	1920.0
15°	1912.8	1909.8	1909.3	1918.4	1921.6	1918.4	1909.3	1909.8	1912.8	1909.8	1909.3
15.5°	1902.0	1898.5	1898.4	1908.0	1911.3	1908.0	1898.4	1898.5	1902.0	1898.5	1898.4
16°	1891.1	1887.2	1887.1	1896.6	1900.6	1896.6	1887.1	1887.2	1891.1	1887.2	1887.1
16.5°	1880.1	1874.9	1875.1	1884.7	1890.0	1884.7	1875.1	1874.9	1880.1	1874.9	1875.1
17°	1868.7	1862.7	1862.6	1872.6	1878.8	1872.6	1862.6	1862.7	1868.7	1862.7	1862.6
17.5°	1856.3	1850.4	1849.8	1859.8	1867.3	1859.8	1849.8	1850.4	1856.3	1850.4	1849.8
18°	1843.3	1837.5	1836.6	1846.7	1855.3	1846.7	1836.6	1837.5	1843.3	1837.5	1836.6
18.5°	1829.7	1823.9	1823.0	1833.4	1842.7	1833.4	1823.0	1823.9	1829.7	1823.9	1823.0
19°	1815.9	1810.2	1808.7	1820.0	1829.7	1820.0	1808.7	1810.2	1815.9	1810.2	1808.7
19.5°	1801.2	1795.8	1794.0	1806.0	1816.5	1806.0	1794.0	1795.8	1801.2	1795.8	1794.0
20°	1786.3	1781.1	1779.3	1791.3	1802.0	1791.3	1779.3	1781.1	1786.3	1781.1	1779.3
20.5°	1770.5	1765.8	1764.0	1776.1	1786.2	1776.1	1764.0	1765.8	1770.5	1765.8	1764.0
21°	1754.5	1750.0	1748.1	1760.0	1770.0	1760.0	1748.1	1750.0	1754.5	1750.0	1748.1
21.5°	1737.9	1733.6	1731.7	1743.6	1752.9	1743.6	1731.7	1733.6	1737.9	1733.6	1731.7
22°	1720.3	1716.8	1715.2	1726.4	1735.0	1726.4	1715.2	1716.8	1720.3	1716.8	1715.2

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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°	1702.1	1699.3	1698.8	1709.2	1716.3	1709.2	1698.8	1699.3	1702.1	1699.3	1698.8
23°	1683.4	1681.8	1681.8	1691.4	1697.5	1691.4	1681.8	1681.8	1683.4	1681.8	1681.8
23.5°	1664.4	1663.7	1664.7	1673.0	1678.1	1673.0	1664.7	1663.7	1664.4	1663.7	1664.7
24°	1644.7	1645.6	1647.6	1654.6	1658.1	1654.6	1647.6	1645.6	1644.7	1645.6	1647.6
24.5°	1624.8	1627.0	1629.8	1635.6	1637.4	1635.6	1629.8	1627.0	1624.8	1627.0	1629.8
25°	1604.5	1608.0	1611.6	1616.1	1616.7	1616.1	1611.6	1608.0	1604.5	1608.0	1611.6
25.5°	1583.9	1588.7	1593.0	1596.2	1595.0	1596.2	1593.0	1588.7	1583.9	1588.7	1593.0
26°	1563.0	1569.0	1573.9	1575.8	1573.2	1575.8	1573.9	1569.0	1563.0	1569.0	1573.9
26.5°	1541.6	1549.0	1554.1	1555.1	1550.6	1555.1	1554.1	1549.0	1541.6	1549.0	1554.1
27°	1520.0	1528.3	1533.9	1533.8	1527.9	1533.8	1533.9	1528.3	1520.0	1528.3	1533.9
27.5°	1498.1	1507.0	1513.1	1512.3	1505.1	1512.3	1513.1	1507.0	1498.1	1507.0	1513.1
28°	1476.0	1485.2	1491.5	1489.8	1481.2	1489.8	1491.5	1485.2	1476.0	1485.2	1491.5
28.5°	1452.6	1462.9	1469.4	1466.9	1457.7	1466.9	1469.4	1462.9	1452.6	1462.9	1469.4
29°	1429.4	1440.1	1446.6	1443.4	1433.6	1443.4	1446.6	1440.1	1429.4	1440.1	1446.6
29.5°	1405.4	1416.5	1423.2	1419.4	1409.4	1419.4	1423.2	1416.5	1405.4	1416.5	1423.2
30°	1381.1	1392.3	1398.7	1394.5	1383.8	1394.5	1398.7	1392.3	1381.1	1392.3	1398.7
30.5°	1356.8	1367.8	1373.6	1368.9	1358.5	1368.9	1373.6	1367.8	1356.8	1367.8	1373.6
31°	1331.7	1342.6	1348.0	1342.8	1332.1	1342.8	1348.0	1342.6	1331.7	1342.6	1348.0
31.5°	1306.5	1316.8	1321.5	1316.4	1305.7	1316.4	1321.5	1316.8	1306.5	1316.8	1321.5
32°	1280.7	1290.1	1293.9	1289.3	1279.2	1289.3	1293.9	1290.1	1280.7	1290.1	1293.9
32.5°	1255.1	1263.8	1266.2	1262.0	1252.3	1262.0	1266.2	1263.8	1255.1	1263.8	1266.2
33°	1228.7	1235.8	1237.7	1234.1	1225.1	1234.1	1237.7	1235.8	1228.7	1235.8	1237.7
33.5°	1203.0	1208.2	1209.0	1205.5	1197.6	1205.5	1209.0	1208.2	1203.0	1208.2	1209.0
34°	1175.4	1179.5	1179.1	1177.1	1170.3	1177.1	1179.1	1179.5	1175.4	1179.5	1179.1
34.5°	1148.2	1151.0	1149.4	1147.5	1142.6	1147.5	1149.4	1151.0	1148.2	1151.0	1149.4
35°	1120.4	1121.0	1118.6	1118.1	1114.5	1118.1	1118.6	1121.0	1120.4	1121.0	1118.6
35.5°	1092.1	1091.2	1087.7	1088.1	1086.5	1088.1	1087.7	1091.2	1092.1	1091.2	1087.7
36°	1062.5	1061.0	1056.2	1057.9	1057.9	1057.9	1056.2	1061.0	1062.5	1061.0	1056.2
36.5°	1033.2	1030.6	1025.0	1027.5	1029.2	1027.5	1025.0	1030.6	1033.2	1030.6	1025.0
37°	1003.1	999.4	992.8	997.3	999.3	997.3	992.8	999.4	1003.1	999.4	992.8
37.5°	972.2	968.2	960.9	966.5	968.7	966.5	960.9	968.2	972.2	968.2	960.9
38°	940.8	936.7	929.4	935.4	936.3	935.4	929.4	936.7	940.8	936.7	929.4
38.5°	909.7	905.3	897.8	903.8	904.8	903.8	897.8	905.3	909.7	905.3	897.8
39°	877.8	872.1	866.4	872.3	873.6	872.3	866.4	872.1	877.8	872.1	866.4
39.5°	844.6	840.2	835.4	840.8	842.4	840.8	835.4	840.2	844.6	840.2	835.4
40°	811.8	808.8	804.2	808.9	811.4	808.9	804.2	808.8	811.8	808.8	804.2
40.5°	779.4	777.7	773.4	777.1	780.2	777.1	773.4	777.7	779.4	777.7	773.4
41°	746.5	746.4	742.1	745.2	747.9	745.2	742.1	746.4	746.5	746.4	742.1
41.5°	713.9	714.8	710.8	713.7	715.9	713.7	710.8	714.8	713.9	714.8	710.8
42°	681.6	683.0	680.1	682.5	683.8	682.5	680.1	683.0	681.6	683.0	680.1
42.5°	649.7	651.5	649.9	652.3	651.9	652.3	649.9	651.5	649.7	651.5	649.9
43°	618.3	619.8	620.1	622.0	619.9	622.0	620.1	619.8	618.3	619.8	620.1
43.5°	587.3	589.1	590.5	591.8	588.2	591.8	590.5	589.1	587.3	589.1	590.5
44°	556.8	558.0	560.9	562.3	557.4	562.3	560.9	558.0	556.8	558.0	560.9
44.5°	526.4	528.4	532.4	533.8	527.6	533.8	532.4	528.4	526.4	528.4	532.4

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	496.8	499.2	504.3	504.6	498.1	504.6	504.3	499.2	496.8	499.2	504.3
45.5°	467.4	470.8	476.3	475.9	469.6	475.9	476.3	470.8	467.4	470.8	476.3
46°	438.7	442.8	448.4	448.1	441.5	448.1	448.4	442.8	438.7	442.8	448.4
46.5°	411.0	415.6	421.1	420.9	414.5	420.9	421.1	415.6	411.0	415.6	421.1
47°	384.0	389.1	394.2	394.4	388.4	394.4	394.2	389.1	384.0	389.1	394.2
47.5°	358.0	363.1	367.9	368.6	363.0	368.6	367.9	363.1	358.0	363.1	367.9
48°	332.8	337.9	342.2	343.1	338.5	343.1	342.2	337.9	332.8	337.9	342.2
48.5°	308.9	313.5	317.1	318.9	314.9	318.9	317.1	313.5	308.9	313.5	317.1
49°	286.3	290.1	293.0	295.3	292.2	295.3	293.0	290.1	286.3	290.1	293.0
49.5°	265.2	268.2	270.4	272.8	270.8	272.8	270.4	268.2	265.2	268.2	270.4
50°	244.7	247.0	248.8	251.6	250.6	251.6	248.8	247.0	244.7	247.0	248.8
50.5°	224.5	226.1	227.6	230.8	230.9	230.8	227.6	226.1	224.5	226.1	227.6
51°	205.1	205.9	206.7	210.4	211.5	210.4	206.7	205.9	205.1	205.9	206.7
51.5°	187.9	186.9	186.7	191.4	192.8	191.4	186.7	186.9	187.9	186.9	186.7
52°	171.0	169.5	168.3	173.0	174.4	173.0	168.3	169.5	171.0	169.5	168.3
52.5°	155.4	153.2	151.3	156.2	157.7	156.2	151.3	153.2	155.4	153.2	151.3
53°	140.6	138.0	135.7	140.8	142.2	140.8	135.7	138.0	140.6	138.0	135.7
53.5°	126.7	124.0	121.6	126.3	127.1	126.3	121.6	124.0	126.7	124.0	121.6
54°	113.4	110.9	108.6	112.6	113.4	112.6	108.6	110.9	113.4	110.9	108.6
54.5°	101.1	98.7	96.6	99.9	100.5	99.9	96.6	98.7	101.1	98.7	96.6
55°	89.4	87.4	85.6	88.1	88.6	88.1	85.6	87.4	89.4	87.4	85.6
55.5°	78.4	76.9	75.7	77.1	77.2	77.1	75.7	76.9	78.4	76.9	75.7
56°	68.8	67.6	66.2	67.3	67.3	67.3	66.2	67.6	68.8	67.6	66.2
56.5°	59.5	58.9	57.4	58.0	58.1	58.0	57.4	58.9	59.5	58.9	57.4
57°	51.0	50.5	48.9	49.1	49.5	49.1	48.9	50.5	51.0	50.5	48.9
57.5°	42.4	42.2	40.5	40.5	40.9	40.5	40.5	42.2	42.4	42.2	40.5
58°	33.9	34.0	32.7	32.5	32.3	32.5	32.7	34.0	33.9	34.0	32.7
58.5°	26.3	26.5	24.7	24.8	24.7	24.8	24.7	26.5	26.3	26.5	24.7
59°	18.5	19.1	17.0	17.1	17.1	17.1	17.0	19.1	18.5	19.1	17.0
59.5°	13.0	12.9	10.7	10.8	11.4	10.8	10.7	12.9	13.0	12.9	10.7
60°	8.7	8.5	7.2	6.5	7.2	6.5	7.2	8.5	8.7	8.5	7.2
60.5°	5.5	6.0	4.8	4.4	5.8	4.4	4.8	6.0	5.5	6.0	4.8
61°	4.5	5.0	3.8	3.5	4.7	3.5	3.8	5.0	4.5	5.0	3.8
61.5°	3.7	3.9	2.8	2.8	3.6	2.8	2.8	3.9	3.7	3.9	2.8
62°	2.9	2.9	2.2	2.1	2.6	2.1	2.2	2.9	2.9	2.9	2.2
62.5°	2.1	2.3	1.7	1.6	1.5	1.6	1.7	2.3	2.1	2.3	1.7
63°	1.8	1.7	1.5	1.3	1.3	1.3	1.5	1.7	1.8	1.7	1.5
63.5°	1.5	1.5	1.3	1.2	1.1	1.2	1.3	1.5	1.5	1.5	1.3
64°	1.3	1.3	1.1	1.0	1.0	1.0	1.1	1.3	1.3	1.3	1.1
64.5°	1.2	1.1	1.0	0.9	0.9	0.9	1.0	1.1	1.2	1.1	1.0
65°	1.1	1.0	0.9	0.8	0.8	0.8	0.9	1.0	1.1	1.0	0.9
65.5°	0.9	0.9	0.8	0.7	0.7	0.7	0.8	0.9	0.9	0.9	0.8
66°	0.8	0.8	0.7	0.6	0.6	0.6	0.7	0.8	0.8	0.8	0.7
66.5°	0.7	0.7	0.6	0.5	0.5	0.5	0.6	0.7	0.7	0.7	0.6
67°	0.7	0.6	0.5	0.5	0.5	0.5	0.5	0.6	0.7	0.6	0.5

TEST NUMBER: P1590575

CATALOG NUMBER: HCDLS1525CSD6TRMW-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	0.4	0.4	0.4	0.5	0.6	0.6	0.6	0.5
68°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.4
68.5°	0.5	0.4	0.4	0.3	0.3	0.3	0.4	0.4	0.5	0.4	0.4
69°	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.3
69.5°	0.4	0.3	0.3	0.3	0.2	0.3	0.3	0.3	0.4	0.3	0.3
70°	0.3	0.3	0.3	0.2	0.2	0.2	0.3	0.3	0.3	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	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2
71.5°	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2
72°	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1
72.5°	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	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: P1590575

CATALOG NUMBER: HCDLS1525CSD6TRMW-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: P1590575

CATALOG NUMBER: HCDLS1525CSD6TRMW-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	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.1	0.0	0.0
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°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
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°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
130°	0.3	0.3	0.2	0.3	0.2	0.3	0.2	0.3	0.3	0.3	0.2
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°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
134°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
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: P1590575

CATALOG NUMBER: HCDLS1525CSD6TRMW-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°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
137.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
138°	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.4	0.4
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°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
141°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
141.5°	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.5	0.5
142°	0.6	0.6	0.6	0.6	0.5	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°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
144°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
144.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
145°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
145.5°	0.7	0.7	0.7	0.7	0.6	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°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
147.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
148°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
148.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
149°	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.7
149.5°	0.8	0.8	0.8	0.8	0.7	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°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
151°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
151.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
152°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
152.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
153°	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.8
153.5°	0.9	0.9	0.9	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9
154°	0.9	0.9	0.9	0.9	0.8	0.9	0.9	0.9	0.9	0.9	0.9
154.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
155°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
155.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
156°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
156.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
157°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9

TEST NUMBER: P1590575

CATALOG NUMBER: HCDLS1525CSD6TRMW-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	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	0.9
158°	1.0	1.0	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	0.9
158.5°	1.0	1.0	1.0	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0
159°	1.0	1.0	1.0	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0
159.5°	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0
160°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
160.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
161°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
161.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
162°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
162.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
163°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
163.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
164°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
164.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
165°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
165.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
166°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
166.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
167°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
167.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
168°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
168.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
169°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
169.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
170°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
170.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
171°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
171.5°	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0
172°	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0
172.5°	1.0	1.0	1.0	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0
173°	1.0	1.0	1.0	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0
173.5°	1.0	1.0	1.0	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0
174°	1.0	1.0	1.0	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0
174.5°	1.0	1.0	1.0	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0
175°	1.0	1.0	1.0	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0
175.5°	1.0	1.0	1.0	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0
176°	1.0	1.0	1.0	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0
176.5°	1.0	1.0	1.0	0.9	1.0	0.9	1.0	1.0	1.0	1.0	1.0
177°	1.0	1.0	1.0	0.9	1.0	0.9	1.0	1.0	1.0	1.0	1.0
177.5°	1.0	1.0	1.0	0.9	1.0	0.9	1.0	1.0	1.0	1.0	1.0
178°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
178.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
179°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
179.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P1590575

CATALOG NUMBER: HCDLS1525CSD6TRMW-HI-4000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

TEST NUMBER: P1590575

CATALOG NUMBER: HCDLS1525CSD6TRMW-HI-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	2077.9	2077.9	2077.9	2077.9	2077.9	2077.9
0.5°	2078.1	2077.6	2078.1	2078.3	2077.4	2077.0
1°	2077.8	2077.2	2077.8	2077.8	2076.8	2076.5
1.5°	2077.2	2076.7	2077.2	2077.0	2075.9	2075.4
2°	2076.2	2076.1	2076.2	2076.1	2074.8	2074.2
2.5°	2075.1	2075.0	2075.1	2074.4	2073.2	2072.6
3°	2073.4	2073.9	2073.4	2072.7	2071.3	2070.8
3.5°	2071.5	2072.2	2071.5	2070.4	2069.1	2068.5
4°	2069.1	2070.3	2069.1	2067.9	2066.7	2065.9
4.5°	2066.3	2067.8	2066.3	2065.2	2063.7	2063.2
5°	2063.2	2065.0	2063.2	2061.9	2060.5	2059.8
5.5°	2059.3	2061.4	2059.3	2057.9	2056.9	2056.3
6°	2054.9	2057.3	2054.9	2053.7	2053.1	2052.2
6.5°	2050.1	2052.8	2050.1	2049.0	2048.9	2047.6
7°	2044.9	2047.8	2044.9	2043.8	2044.0	2043.1
7.5°	2039.2	2042.1	2039.2	2038.4	2039.0	2037.7
8°	2033.2	2036.4	2033.2	2032.5	2033.3	2032.0
8.5°	2026.9	2030.3	2026.9	2026.2	2027.4	2025.8
9°	2020.3	2023.7	2020.3	2019.4	2020.8	2019.2
9.5°	2013.4	2017.2	2013.4	2012.1	2013.8	2012.0
10°	2006.2	2009.9	2006.2	2004.3	2006.3	2004.7
10.5°	1998.9	2002.4	1998.9	1996.1	1998.1	1996.8
11°	1991.1	1994.7	1991.1	1987.7	1989.6	1988.5
11.5°	1983.1	1986.5	1983.1	1978.8	1980.8	1980.0
12°	1974.9	1978.0	1974.9	1969.7	1971.6	1971.2
12.5°	1966.3	1969.2	1966.3	1960.2	1961.9	1961.8
13°	1957.4	1960.5	1957.4	1950.5	1952.2	1952.6
13.5°	1948.5	1951.2	1948.5	1940.7	1941.8	1943.0
14°	1938.8	1941.4	1938.8	1930.5	1931.7	1933.2
14.5°	1928.8	1931.7	1928.8	1920.0	1920.7	1923.3
15°	1918.4	1921.6	1918.4	1909.3	1909.8	1912.8
15.5°	1908.0	1911.3	1908.0	1898.4	1898.5	1902.0
16°	1896.6	1900.6	1896.6	1887.1	1887.2	1891.1
16.5°	1884.7	1890.0	1884.7	1875.1	1874.9	1880.1
17°	1872.6	1878.8	1872.6	1862.6	1862.7	1868.7
17.5°	1859.8	1867.3	1859.8	1849.8	1850.4	1856.3
18°	1846.7	1855.3	1846.7	1836.6	1837.5	1843.3
18.5°	1833.4	1842.7	1833.4	1823.0	1823.9	1829.7
19°	1820.0	1829.7	1820.0	1808.7	1810.2	1815.9
19.5°	1806.0	1816.5	1806.0	1794.0	1795.8	1801.2
20°	1791.3	1802.0	1791.3	1779.3	1781.1	1786.3
20.5°	1776.1	1786.2	1776.1	1764.0	1765.8	1770.5
21°	1760.0	1770.0	1760.0	1748.1	1750.0	1754.5
21.5°	1743.6	1752.9	1743.6	1731.7	1733.6	1737.9
22°	1726.4	1735.0	1726.4	1715.2	1716.8	1720.3

TEST NUMBER: P1590575

CATALOG NUMBER: HCDLS1525CSD6TRMW-HI-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	1709.2	1716.3	1709.2	1698.8	1699.3	1702.1
23°	1691.4	1697.5	1691.4	1681.8	1681.8	1683.4
23.5°	1673.0	1678.1	1673.0	1664.7	1663.7	1664.4
24°	1654.6	1658.1	1654.6	1647.6	1645.6	1644.7
24.5°	1635.6	1637.4	1635.6	1629.8	1627.0	1624.8
25°	1616.1	1616.7	1616.1	1611.6	1608.0	1604.5
25.5°	1596.2	1595.0	1596.2	1593.0	1588.7	1583.9
26°	1575.8	1573.2	1575.8	1573.9	1569.0	1563.0
26.5°	1555.1	1550.6	1555.1	1554.1	1549.0	1541.6
27°	1533.8	1527.9	1533.8	1533.9	1528.3	1520.0
27.5°	1512.3	1505.1	1512.3	1513.1	1507.0	1498.1
28°	1489.8	1481.2	1489.8	1491.5	1485.2	1476.0
28.5°	1466.9	1457.7	1466.9	1469.4	1462.9	1452.6
29°	1443.4	1433.6	1443.4	1446.6	1440.1	1429.4
29.5°	1419.4	1409.4	1419.4	1423.2	1416.5	1405.4
30°	1394.5	1383.8	1394.5	1398.7	1392.3	1381.1
30.5°	1368.9	1358.5	1368.9	1373.6	1367.8	1356.8
31°	1342.8	1332.1	1342.8	1348.0	1342.6	1331.7
31.5°	1316.4	1305.7	1316.4	1321.5	1316.8	1306.5
32°	1289.3	1279.2	1289.3	1293.9	1290.1	1280.7
32.5°	1262.0	1252.3	1262.0	1266.2	1263.8	1255.1
33°	1234.1	1225.1	1234.1	1237.7	1235.8	1228.7
33.5°	1205.5	1197.6	1205.5	1209.0	1208.2	1203.0
34°	1177.1	1170.3	1177.1	1179.1	1179.5	1175.4
34.5°	1147.5	1142.6	1147.5	1149.4	1151.0	1148.2
35°	1118.1	1114.5	1118.1	1118.6	1121.0	1120.4
35.5°	1088.1	1086.5	1088.1	1087.7	1091.2	1092.1
36°	1057.9	1057.9	1057.9	1056.2	1061.0	1062.5
36.5°	1027.5	1029.2	1027.5	1025.0	1030.6	1033.2
37°	997.3	999.3	997.3	992.8	999.4	1003.1
37.5°	966.5	968.7	966.5	960.9	968.2	972.2
38°	935.4	936.3	935.4	929.4	936.7	940.8
38.5°	903.8	904.8	903.8	897.8	905.3	909.7
39°	872.3	873.6	872.3	866.4	872.1	877.8
39.5°	840.8	842.4	840.8	835.4	840.2	844.6
40°	808.9	811.4	808.9	804.2	808.8	811.8
40.5°	777.1	780.2	777.1	773.4	777.7	779.4
41°	745.2	747.9	745.2	742.1	746.4	746.5
41.5°	713.7	715.9	713.7	710.8	714.8	713.9
42°	682.5	683.8	682.5	680.1	683.0	681.6
42.5°	652.3	651.9	652.3	649.9	651.5	649.7
43°	622.0	619.9	622.0	620.1	619.8	618.3
43.5°	591.8	588.2	591.8	590.5	589.1	587.3
44°	562.3	557.4	562.3	560.9	558.0	556.8
44.5°	533.8	527.6	533.8	532.4	528.4	526.4

TEST NUMBER: P1590575

CATALOG NUMBER: HCDLS1525CSD6TRMW-HI-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	504.6	498.1	504.6	504.3	499.2	496.8
45.5°	475.9	469.6	475.9	476.3	470.8	467.4
46°	448.1	441.5	448.1	448.4	442.8	438.7
46.5°	420.9	414.5	420.9	421.1	415.6	411.0
47°	394.4	388.4	394.4	394.2	389.1	384.0
47.5°	368.6	363.0	368.6	367.9	363.1	358.0
48°	343.1	338.5	343.1	342.2	337.9	332.8
48.5°	318.9	314.9	318.9	317.1	313.5	308.9
49°	295.3	292.2	295.3	293.0	290.1	286.3
49.5°	272.8	270.8	272.8	270.4	268.2	265.2
50°	251.6	250.6	251.6	248.8	247.0	244.7
50.5°	230.8	230.9	230.8	227.6	226.1	224.5
51°	210.4	211.5	210.4	206.7	205.9	205.1
51.5°	191.4	192.8	191.4	186.7	186.9	187.9
52°	173.0	174.4	173.0	168.3	169.5	171.0
52.5°	156.2	157.7	156.2	151.3	153.2	155.4
53°	140.8	142.2	140.8	135.7	138.0	140.6
53.5°	126.3	127.1	126.3	121.6	124.0	126.7
54°	112.6	113.4	112.6	108.6	110.9	113.4
54.5°	99.9	100.5	99.9	96.6	98.7	101.1
55°	88.1	88.6	88.1	85.6	87.4	89.4
55.5°	77.1	77.2	77.1	75.7	76.9	78.4
56°	67.3	67.3	67.3	66.2	67.6	68.8
56.5°	58.0	58.1	58.0	57.4	58.9	59.5
57°	49.1	49.5	49.1	48.9	50.5	51.0
57.5°	40.5	40.9	40.5	40.5	42.2	42.4
58°	32.5	32.3	32.5	32.7	34.0	33.9
58.5°	24.8	24.7	24.8	24.7	26.5	26.3
59°	17.1	17.1	17.1	17.0	19.1	18.5
59.5°	10.8	11.4	10.8	10.7	12.9	13.0
60°	6.5	7.2	6.5	7.2	8.5	8.7
60.5°	4.4	5.8	4.4	4.8	6.0	5.5
61°	3.5	4.7	3.5	3.8	5.0	4.5
61.5°	2.8	3.6	2.8	2.8	3.9	3.7
62°	2.1	2.6	2.1	2.2	2.9	2.9
62.5°	1.6	1.5	1.6	1.7	2.3	2.1
63°	1.3	1.3	1.3	1.5	1.7	1.8
63.5°	1.2	1.1	1.2	1.3	1.5	1.5
64°	1.0	1.0	1.0	1.1	1.3	1.3
64.5°	0.9	0.9	0.9	1.0	1.1	1.2
65°	0.8	0.8	0.8	0.9	1.0	1.1
65.5°	0.7	0.7	0.7	0.8	0.9	0.9
66°	0.6	0.6	0.6	0.7	0.8	0.8
66.5°	0.5	0.5	0.5	0.6	0.7	0.7
67°	0.5	0.5	0.5	0.5	0.6	0.7

TEST NUMBER: P1590575

CATALOG NUMBER: HCDLS1525CSD6TRMW-HI-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	0.4	0.4	0.4	0.5	0.6	0.6
68°	0.4	0.4	0.4	0.4	0.5	0.5
68.5°	0.3	0.3	0.3	0.4	0.4	0.5
69°	0.3	0.3	0.3	0.3	0.4	0.4
69.5°	0.3	0.2	0.3	0.3	0.3	0.4
70°	0.2	0.2	0.2	0.3	0.3	0.3
70.5°	0.2	0.2	0.2	0.2	0.3	0.3
71°	0.2	0.2	0.2	0.2	0.2	0.3
71.5°	0.1	0.1	0.1	0.2	0.2	0.2
72°	0.1	0.1	0.1	0.1	0.2	0.2
72.5°	0.1	0.1	0.1	0.1	0.1	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: P1590575

CATALOG NUMBER: HCDLS1525CSD6TRMW-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: P1590575

CATALOG NUMBER: HCDLS1525CSD6TRMW-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	0.0	0.0	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°	0.1	0.1	0.1	0.1	0.1	0.1
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°	0.2	0.2	0.2	0.2	0.2	0.2
130°	0.3	0.2	0.3	0.2	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°	0.3	0.3	0.3	0.3	0.3	0.3
134°	0.3	0.3	0.3	0.3	0.3	0.3
134.5°	0.4	0.4	0.4	0.4	0.4	0.4

TEST NUMBER: P1590575

CATALOG NUMBER: HCDLS1525CSD6TRMW-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°	0.4	0.4	0.4	0.4	0.4	0.4
137.5°	0.4	0.4	0.4	0.4	0.4	0.4
138°	0.4	0.4	0.4	0.4	0.4	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°	0.5	0.5	0.5	0.5	0.5	0.5
141°	0.5	0.5	0.5	0.5	0.5	0.5
141.5°	0.5	0.5	0.5	0.5	0.5	0.6
142°	0.6	0.5	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	0.6
144°	0.6	0.6	0.6	0.6	0.6	0.6
144.5°	0.6	0.6	0.6	0.6	0.6	0.6
145°	0.6	0.6	0.6	0.6	0.6	0.6
145.5°	0.7	0.6	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	0.7	0.7
147.5°	0.7	0.7	0.7	0.7	0.7	0.7
148°	0.7	0.7	0.7	0.7	0.7	0.7
148.5°	0.7	0.7	0.7	0.7	0.7	0.7
149°	0.7	0.7	0.7	0.7	0.8	0.8
149.5°	0.8	0.7	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	0.8	0.8
151°	0.8	0.8	0.8	0.8	0.8	0.8
151.5°	0.8	0.8	0.8	0.8	0.8	0.8
152°	0.8	0.8	0.8	0.8	0.8	0.8
152.5°	0.8	0.8	0.8	0.8	0.8	0.8
153°	0.8	0.8	0.8	0.8	0.9	0.9
153.5°	0.8	0.8	0.8	0.9	0.9	0.9
154°	0.9	0.8	0.9	0.9	0.9	0.9
154.5°	0.9	0.9	0.9	0.9	0.9	0.9
155°	0.9	0.9	0.9	0.9	0.9	0.9
155.5°	0.9	0.9	0.9	0.9	0.9	0.9
156°	0.9	0.9	0.9	0.9	0.9	0.9
156.5°	0.9	0.9	0.9	0.9	0.9	0.9
157°	0.9	0.9	0.9	0.9	0.9	0.9

TEST NUMBER: P1590575

CATALOG NUMBER: HCDLS1525CSD6TRMW-HI-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
157.5°	0.9	0.9	0.9	0.9	1.0	1.0
158°	0.9	0.9	0.9	0.9	1.0	1.0
158.5°	0.9	0.9	0.9	1.0	1.0	1.0
159°	0.9	0.9	0.9	1.0	1.0	1.0
159.5°	1.0	0.9	1.0	1.0	1.0	1.0
160°	1.0	1.0	1.0	1.0	1.0	1.0
160.5°	1.0	1.0	1.0	1.0	1.0	1.0
161°	1.0	1.0	1.0	1.0	1.0	1.0
161.5°	1.0	1.0	1.0	1.0	1.0	1.0
162°	1.0	1.0	1.0	1.0	1.0	1.0
162.5°	1.0	1.0	1.0	1.0	1.0	1.0
163°	1.0	1.0	1.0	1.0	1.0	1.0
163.5°	1.0	1.0	1.0	1.0	1.0	1.0
164°	1.0	1.0	1.0	1.0	1.0	1.0
164.5°	1.0	1.0	1.0	1.0	1.0	1.0
165°	1.0	1.0	1.0	1.0	1.0	1.0
165.5°	1.0	1.0	1.0	1.0	1.0	1.0
166°	1.0	1.0	1.0	1.0	1.0	1.0
166.5°	1.0	1.0	1.0	1.0	1.0	1.0
167°	1.0	1.0	1.0	1.0	1.0	1.0
167.5°	1.0	1.0	1.0	1.0	1.0	1.0
168°	1.0	1.0	1.0	1.0	1.0	1.0
168.5°	1.0	1.0	1.0	1.0	1.0	1.0
169°	1.0	1.0	1.0	1.0	1.0	1.0
169.5°	1.0	1.0	1.0	1.0	1.0	1.0
170°	1.0	1.0	1.0	1.0	1.0	1.0
170.5°	1.0	1.0	1.0	1.0	1.0	1.0
171°	1.0	1.0	1.0	1.0	1.0	1.0
171.5°	1.0	0.9	1.0	1.0	1.0	1.0
172°	1.0	0.9	1.0	1.0	1.0	1.0
172.5°	0.9	0.9	0.9	1.0	1.0	1.0
173°	0.9	0.9	0.9	1.0	1.0	1.0
173.5°	0.9	0.9	0.9	1.0	1.0	1.0
174°	0.9	0.9	0.9	1.0	1.0	1.0
174.5°	0.9	0.9	0.9	1.0	1.0	1.0
175°	0.9	0.9	0.9	1.0	1.0	1.0
175.5°	0.9	0.9	0.9	1.0	1.0	1.0
176°	0.9	0.9	0.9	1.0	1.0	1.0
176.5°	0.9	1.0	0.9	1.0	1.0	1.0
177°	0.9	1.0	0.9	1.0	1.0	1.0
177.5°	0.9	1.0	0.9	1.0	1.0	1.0
178°	1.0	1.0	1.0	1.0	1.0	1.0
178.5°	1.0	1.0	1.0	1.0	1.0	1.0
179°	1.0	1.0	1.0	1.0	1.0	1.0
179.5°	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P1590575

CATALOG NUMBER: HCDLS1525CSD6TRMW-HI-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
180°	1.0	1.0	1.0	1.0	1.0	1.0

TEST NUMBER: P1590575

CATALOG NUMBER: HCDLS1525CSD6TRMW-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	9.3	10.4	9.7	10.7	11.0	9.0	10.1	9.4	10.4	10.8
	3H	9.1	10.1	9.5	10.4	10.8	8.8	9.8	9.2	10.1	10.5
	4H	9.0	9.9	9.4	10.3	10.7	8.7	9.6	9.2	10.0	10.4
	6H	8.9	9.8	9.4	10.1	10.5	8.6	9.5	9.1	9.8	10.2
	8H	8.9	9.7	9.3	10.1	10.5	8.6	9.4	9.0	9.8	10.2
	12H	8.8	9.6	9.3	10.0	10.4	8.5	9.3	9.0	9.7	10.1
4H	2H	9.0	9.9	9.4	10.3	10.7	8.7	9.6	9.2	10.0	10.4
	3H	8.9	9.6	9.3	10.0	10.4	8.6	9.3	9.0	9.7	10.1
	4H	8.8	9.4	9.2	9.8	10.3	8.5	9.1	8.9	9.5	10.0
	6H	8.6	9.2	9.1	9.7	10.1	8.4	8.9	8.8	9.4	9.8
	8H	8.6	9.1	9.1	9.5	10.0	8.3	8.8	8.8	9.3	9.7
	12H	8.5	9.0	9.0	9.5	9.9	8.2	8.7	8.7	9.2	9.6
8H	4H	8.6	9.1	9.1	9.5	10.0	8.3	8.8	8.8	9.3	9.7
	6H	8.5	8.9	9.0	9.4	9.9	8.2	8.6	8.7	9.1	9.6
	8H	8.4	8.8	8.9	9.3	9.8	8.1	8.5	8.6	9.0	9.5
	12H	8.3	8.7	8.8	9.2	9.7	8.0	8.4	8.6	8.9	9.4
12H	4H	8.5	9.0	9.0	9.5	9.9	8.2	8.7	8.7	9.2	9.6
	6H	8.4	8.8	8.9	9.2	9.8	8.1	8.5	8.6	8.9	9.5
	8H	8.3	8.7	8.8	9.2	9.7	8.0	8.4	8.6	8.9	9.4

(END OF REPORT)