

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: P1590561

Luminaire Tested: HCDLS1525CSD6TRH-HI-5000K

Issue Date: 9/4/2026

Test Information

Test Method: LM-79-2019
Report Number: P1590561
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-5000K
Description: 6" Selectable Round Trim+ Haze (Semi-specular) 2500 Lumens 5000K

Light Source:
Ballast/Driver: -

Summary

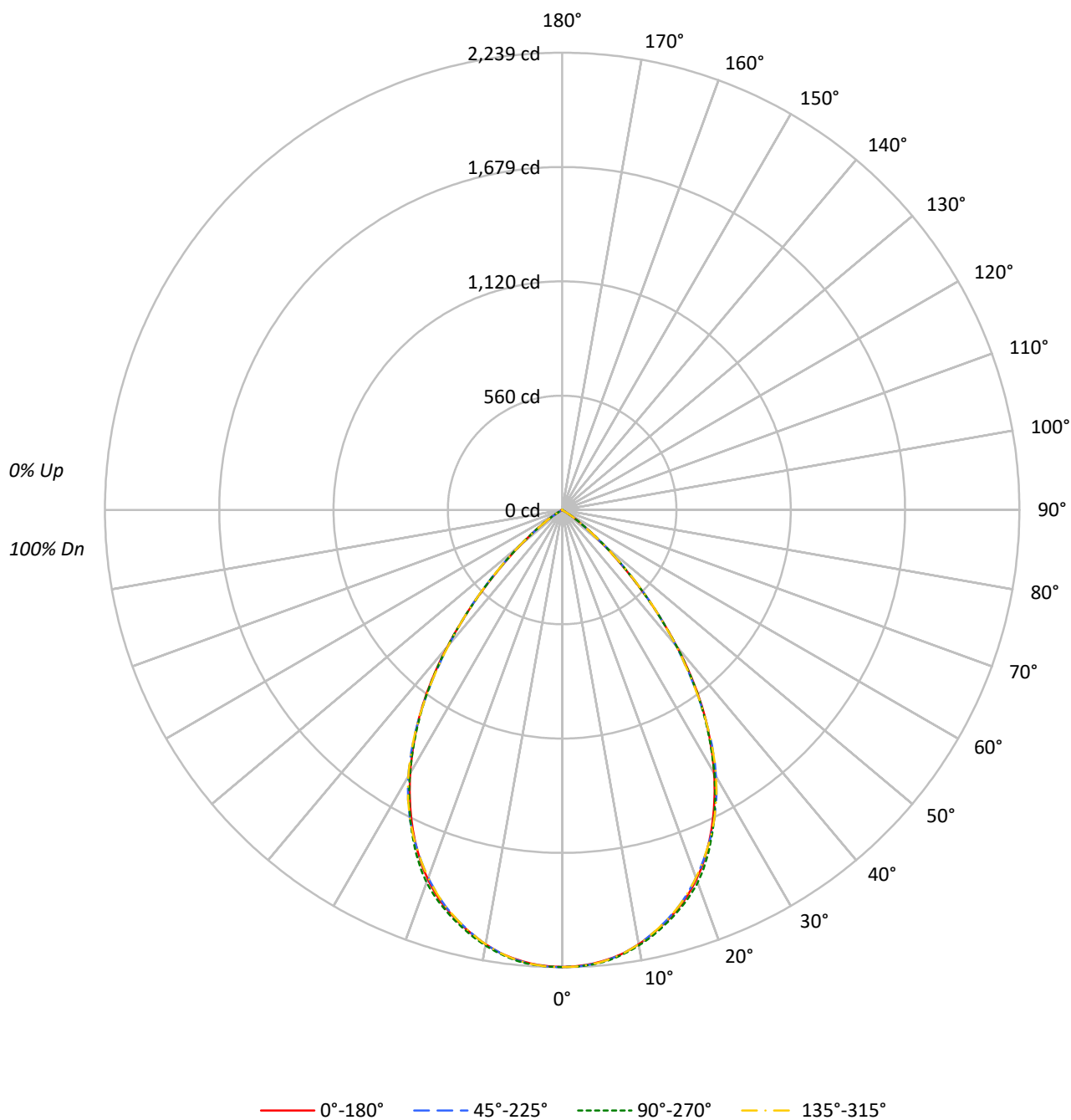
Lumens per Lamp: N/A
Luminaire Lumens: 2845.0 lumens
Efficiency: N/A
Efficacy: 107.8 lumens/watt
Spacing Criteria (0/90/45): 1.05 / 1.05 / 1.06
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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°	122704	122704	122704	122704
5°	122100	122402	122100	122402
10°	120205	120517	120205	120517
15°	116936	117475	116936	117475
20°	112249	113235	112249	113235
25°	104540	105339	104540	105339
30°	94166	94356	94166	94356
35°	80763	80341	80763	80341
40°	62574	62553	62574	62553
45°	41485	41593	41485	41593
50°	22481	23027	22481	23027
55°	9194	9118	9194	9118
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: 42136 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	210.1	7.4
10°-20°	579.0	20.4
20°-30°	793.8	27.9
30°-40°	744.5	26.2
40°-50°	418.9	14.7
50°-60°	95.3	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°	1582.9	55.6
0°-40°	2327.3	81.8
0°-60°	2841.5	99.9
0°-90°	2843.3	99.9
90°-120°	0.0	0.0
90°-150°	0.9	0.0
90°-180°	2.0	0.1
0°-180°	2845.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2238	2238	2238	2238	2238	
5°	2219	2224	2219	2224	2219	210
15°	2060	2070	2060	2070	2060	579
25°	1728	1742	1728	1742	1728	790
35°	1207	1200	1207	1200	1207	744
45°	535	536	535	536	535	416
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°	2238.3	2238.3	2238.3	2238.3	2238.3	2238.3	2238.3	2238.3	2238.3	2238.3	2238.3
0.5°	2237.2	2237.7	2238.7	2238.5	2237.9	2238.5	2238.7	2237.7	2237.2	2237.7	2238.7
1°	2236.7	2237.0	2238.2	2238.1	2237.4	2238.1	2238.2	2237.0	2236.7	2237.0	2238.2
1.5°	2235.6	2236.1	2237.3	2237.4	2236.9	2237.4	2237.3	2236.1	2235.6	2236.1	2237.3
2°	2234.3	2234.8	2236.3	2236.5	2236.3	2236.5	2236.3	2234.8	2234.3	2234.8	2236.3
2.5°	2232.5	2233.2	2234.5	2235.2	2235.1	2235.2	2234.5	2233.2	2232.5	2233.2	2234.5
3°	2230.6	2231.2	2232.6	2233.3	2233.9	2233.3	2232.6	2231.2	2230.6	2231.2	2232.6
3.5°	2228.1	2228.8	2230.2	2231.4	2232.1	2231.4	2230.2	2228.8	2228.1	2228.8	2230.2
4°	2225.3	2226.2	2227.5	2228.8	2230.1	2228.8	2227.5	2226.2	2225.3	2226.2	2227.5
4.5°	2222.4	2223.0	2224.5	2225.8	2227.3	2225.8	2224.5	2223.0	2222.4	2223.0	2224.5
5°	2218.8	2219.5	2221.0	2222.4	2224.3	2222.4	2221.0	2219.5	2218.8	2219.5	2221.0
5.5°	2214.9	2215.6	2216.7	2218.2	2220.4	2218.2	2216.7	2215.6	2214.9	2215.6	2216.7
6°	2210.5	2211.5	2212.2	2213.4	2216.1	2213.4	2212.2	2211.5	2210.5	2211.5	2212.2
6.5°	2205.6	2207.0	2207.1	2208.3	2211.2	2208.3	2207.1	2207.0	2205.6	2207.0	2207.1
7°	2200.7	2201.7	2201.5	2202.6	2205.8	2202.6	2201.5	2201.7	2200.7	2201.7	2201.5
7.5°	2195.0	2196.4	2195.7	2196.6	2199.6	2196.6	2195.7	2196.4	2195.0	2196.4	2195.7
8°	2188.8	2190.2	2189.3	2190.1	2193.6	2190.1	2189.3	2190.2	2188.8	2190.2	2189.3
8.5°	2182.1	2183.8	2182.5	2183.3	2186.9	2183.3	2182.5	2183.8	2182.1	2183.8	2182.5
9°	2175.0	2176.7	2175.2	2176.2	2179.8	2176.2	2175.2	2176.7	2175.0	2176.7	2175.2
9.5°	2167.2	2169.2	2167.4	2168.8	2172.8	2168.8	2167.4	2169.2	2167.2	2169.2	2167.4
10°	2159.4	2161.1	2158.9	2161.0	2165.0	2161.0	2158.9	2161.1	2159.4	2161.1	2158.9
10.5°	2150.8	2152.2	2150.1	2153.1	2156.9	2153.1	2150.1	2152.2	2150.8	2152.2	2150.1
11°	2141.9	2143.1	2141.0	2144.7	2148.6	2144.7	2141.0	2143.1	2141.9	2143.1	2141.0
11.5°	2132.8	2133.6	2131.5	2136.1	2139.8	2136.1	2131.5	2133.6	2132.8	2133.6	2131.5
12°	2123.3	2123.7	2121.6	2127.2	2130.6	2127.2	2121.6	2123.7	2123.3	2123.7	2121.6
12.5°	2113.2	2113.2	2111.5	2118.0	2121.1	2118.0	2111.5	2113.2	2113.2	2113.2	2111.5
13°	2103.3	2102.8	2101.0	2108.5	2111.8	2108.5	2101.0	2102.8	2103.3	2102.8	2101.0
13.5°	2092.9	2091.7	2090.4	2098.8	2101.8	2098.8	2090.4	2091.7	2092.9	2091.7	2090.4
14°	2082.4	2080.7	2079.5	2088.4	2091.2	2088.4	2079.5	2080.7	2082.4	2080.7	2079.5
14.5°	2071.7	2068.9	2068.2	2077.6	2080.8	2077.6	2068.2	2068.9	2071.7	2068.9	2068.2
15°	2060.4	2057.2	2056.6	2066.5	2069.9	2066.5	2056.6	2057.2	2060.4	2057.2	2056.6
15.5°	2048.8	2045.0	2044.8	2055.2	2058.8	2055.2	2044.8	2045.0	2048.8	2045.0	2044.8
16°	2037.0	2032.8	2032.7	2042.9	2047.3	2042.9	2032.7	2032.8	2037.0	2032.8	2032.7
16.5°	2025.1	2019.5	2019.8	2030.2	2035.8	2030.2	2019.8	2019.5	2025.1	2019.5	2019.8
17°	2012.9	2006.4	2006.3	2017.1	2023.8	2017.1	2006.3	2006.4	2012.9	2006.4	2006.3
17.5°	1999.5	1993.1	1992.5	2003.3	2011.4	2003.3	1992.5	1993.1	1999.5	1993.1	1992.5
18°	1985.6	1979.2	1978.3	1989.2	1998.5	1989.2	1978.3	1979.2	1985.6	1979.2	1978.3
18.5°	1970.9	1964.7	1963.6	1974.9	1984.8	1974.9	1963.6	1964.7	1970.9	1964.7	1963.6
19°	1956.0	1949.9	1948.3	1960.4	1970.9	1960.4	1948.3	1949.9	1956.0	1949.9	1948.3
19.5°	1940.2	1934.4	1932.5	1945.4	1956.6	1945.4	1932.5	1934.4	1940.2	1934.4	1932.5
20°	1924.1	1918.5	1916.6	1929.5	1941.0	1929.5	1916.6	1918.5	1924.1	1918.5	1916.6
20.5°	1907.1	1902.1	1900.1	1913.2	1924.0	1913.2	1900.1	1902.1	1907.1	1902.1	1900.1
21°	1889.9	1885.0	1883.0	1895.8	1906.6	1895.8	1883.0	1885.0	1889.9	1885.0	1883.0
21.5°	1871.9	1867.3	1865.4	1878.2	1888.2	1878.2	1865.4	1867.3	1871.9	1867.3	1865.4
22°	1853.0	1849.3	1847.6	1859.6	1868.9	1859.6	1847.6	1849.3	1853.0	1849.3	1847.6

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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°	1833.4	1830.4	1829.9	1841.1	1848.8	1841.1	1829.9	1830.4	1833.4	1830.4	1829.9
23°	1813.3	1811.6	1811.6	1821.9	1828.5	1821.9	1811.6	1811.6	1813.3	1811.6	1811.6
23.5°	1792.9	1792.0	1793.2	1802.1	1807.6	1802.1	1793.2	1792.0	1792.9	1792.0	1793.2
24°	1771.6	1772.5	1774.8	1782.2	1786.0	1782.2	1774.8	1772.5	1771.6	1772.5	1774.8
24.5°	1750.2	1752.5	1755.6	1761.8	1763.8	1761.8	1755.6	1752.5	1750.2	1752.5	1755.6
25°	1728.3	1732.0	1735.9	1740.8	1741.5	1740.8	1735.9	1732.0	1728.3	1732.0	1735.9
25.5°	1706.1	1711.3	1715.9	1719.3	1718.1	1719.3	1715.9	1711.3	1706.1	1711.3	1715.9
26°	1683.6	1690.1	1695.4	1697.3	1694.6	1697.3	1695.4	1690.1	1683.6	1690.1	1695.4
26.5°	1660.6	1668.5	1674.0	1675.0	1670.2	1675.0	1674.0	1668.5	1660.6	1668.5	1674.0
27°	1637.3	1646.2	1652.3	1652.2	1645.8	1652.2	1652.3	1646.2	1637.3	1646.2	1652.3
27.5°	1613.7	1623.3	1629.8	1629.0	1621.2	1629.0	1629.8	1623.3	1613.7	1623.3	1629.8
28°	1589.9	1599.8	1606.6	1604.7	1595.5	1604.7	1606.6	1599.8	1589.9	1599.8	1606.6
28.5°	1564.7	1575.8	1582.8	1580.1	1570.1	1580.1	1582.8	1575.8	1564.7	1575.8	1582.8
29°	1539.7	1551.2	1558.2	1554.8	1544.3	1554.8	1558.2	1551.2	1539.7	1551.2	1558.2
29.5°	1513.8	1525.8	1533.0	1528.9	1518.1	1528.9	1533.0	1525.8	1513.8	1525.8	1533.0
30°	1487.6	1499.7	1506.7	1502.1	1490.6	1502.1	1506.7	1499.7	1487.6	1499.7	1506.7
30.5°	1461.5	1473.3	1479.6	1474.5	1463.3	1474.5	1479.6	1473.3	1461.5	1473.3	1479.6
31°	1434.5	1446.2	1452.0	1446.4	1434.9	1446.4	1452.0	1446.2	1434.5	1446.2	1452.0
31.5°	1407.3	1418.4	1423.4	1418.0	1406.5	1418.0	1423.4	1418.4	1407.3	1418.4	1423.4
32°	1379.5	1389.7	1393.8	1388.8	1378.0	1388.8	1393.8	1389.7	1379.5	1389.7	1393.8
32.5°	1351.9	1361.3	1364.0	1359.3	1348.9	1359.3	1364.0	1361.3	1351.9	1361.3	1364.0
33°	1323.5	1331.2	1333.2	1329.3	1319.7	1329.3	1333.2	1331.2	1323.5	1331.2	1333.2
33.5°	1295.8	1301.4	1302.3	1298.6	1290.0	1298.6	1302.3	1301.4	1295.8	1301.4	1302.3
34°	1266.1	1270.5	1270.1	1267.9	1260.6	1267.9	1270.1	1270.5	1266.1	1270.5	1270.1
34.5°	1236.8	1239.9	1238.1	1236.1	1230.8	1236.1	1238.1	1239.9	1236.8	1239.9	1238.1
35°	1206.8	1207.5	1204.9	1204.4	1200.5	1204.4	1204.9	1207.5	1206.8	1207.5	1204.9
35.5°	1176.4	1175.4	1171.7	1172.0	1170.3	1172.0	1171.7	1175.4	1176.4	1175.4	1171.7
36°	1144.4	1142.9	1137.7	1139.6	1139.5	1139.6	1137.7	1142.9	1144.4	1142.9	1137.7
36.5°	1112.9	1110.1	1104.1	1106.8	1108.6	1106.8	1104.1	1110.1	1112.9	1110.1	1104.1
37°	1080.5	1076.5	1069.4	1074.2	1076.5	1074.2	1069.4	1076.5	1080.5	1076.5	1069.4
37.5°	1047.3	1042.9	1035.0	1041.1	1043.4	1041.1	1035.0	1042.9	1047.3	1042.9	1035.0
38°	1013.4	1009.0	1001.1	1007.6	1008.5	1007.6	1001.1	1009.0	1013.4	1009.0	1001.1
38.5°	979.9	975.1	967.0	973.6	974.6	973.6	967.0	975.1	979.9	975.1	967.0
39°	945.5	939.4	933.3	939.6	941.0	939.6	933.3	939.4	945.5	939.4	933.3
39.5°	909.8	905.0	899.8	905.7	907.4	905.7	899.8	905.0	909.8	905.0	899.8
40°	874.4	871.3	866.3	871.3	874.1	871.3	866.3	871.3	874.4	871.3	866.3
40.5°	839.5	837.7	833.1	837.1	840.4	837.1	833.1	837.7	839.5	837.7	833.1
41°	804.1	804.0	799.4	802.7	805.6	802.7	799.4	804.0	804.1	804.0	799.4
41.5°	769.0	770.0	765.6	768.8	771.1	768.8	765.6	770.0	769.0	770.0	765.6
42°	734.2	735.7	732.6	735.1	736.6	735.1	732.6	735.7	734.2	735.7	732.6
42.5°	699.9	701.8	700.1	702.6	702.2	702.6	700.1	701.8	699.9	701.8	700.1
43°	666.0	667.7	668.0	670.0	667.7	670.0	668.0	667.7	666.0	667.7	668.0
43.5°	632.6	634.5	636.0	637.5	633.5	637.5	636.0	634.5	632.6	634.5	636.0
44°	599.8	601.1	604.2	605.7	600.5	605.7	604.2	601.1	599.8	601.1	604.2
44.5°	567.0	569.2	573.4	575.0	568.3	575.0	573.4	569.2	567.0	569.2	573.4

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	535.1	537.7	543.2	543.5	536.5	543.5	543.2	537.7	535.1	537.7	543.2
45.5°	503.5	507.1	513.1	512.6	505.8	512.6	513.1	507.1	503.5	507.1	513.1
46°	472.6	477.0	483.0	482.7	475.6	482.7	483.0	477.0	472.6	477.0	483.0
46.5°	442.7	447.7	453.5	453.4	446.5	453.4	453.5	447.7	442.7	447.7	453.5
47°	413.6	419.1	424.7	424.8	418.3	424.8	424.7	419.1	413.6	419.1	424.7
47.5°	385.7	391.1	396.3	397.1	391.0	397.1	396.3	391.1	385.7	391.1	396.3
48°	358.4	364.0	368.7	369.6	364.6	369.6	368.7	364.0	358.4	364.0	368.7
48.5°	332.7	337.7	341.6	343.6	339.2	343.6	341.6	337.7	332.7	337.7	341.6
49°	308.4	312.5	315.6	318.1	314.7	318.1	315.6	312.5	308.4	312.5	315.6
49.5°	285.6	288.9	291.3	293.9	291.7	293.9	291.3	288.9	285.6	288.9	291.3
50°	263.6	266.1	268.0	271.0	270.0	271.0	268.0	266.1	263.6	266.1	268.0
50.5°	241.9	243.6	245.2	248.6	248.7	248.6	245.2	243.6	241.9	243.6	245.2
51°	221.0	221.8	222.7	226.6	227.8	226.6	222.7	221.8	221.0	221.8	222.7
51.5°	202.4	201.3	201.1	206.2	207.7	206.2	201.1	201.3	202.4	201.3	201.1
52°	184.2	182.6	181.2	186.3	187.9	186.3	181.2	182.6	184.2	182.6	181.2
52.5°	167.4	165.0	163.0	168.2	169.8	168.2	163.0	165.0	167.4	165.0	163.0
53°	151.5	148.7	146.2	151.7	153.2	151.7	146.2	148.7	151.5	148.7	146.2
53.5°	136.5	133.5	131.0	136.0	137.0	136.0	131.0	133.5	136.5	133.5	131.0
54°	122.1	119.4	117.0	121.3	122.2	121.3	117.0	119.4	122.1	119.4	117.0
54.5°	108.9	106.3	104.1	107.6	108.3	107.6	104.1	106.3	108.9	106.3	104.1
55°	96.2	94.1	92.2	94.9	95.4	94.9	92.2	94.1	96.2	94.1	92.2
55.5°	84.4	82.8	81.5	83.0	83.1	83.0	81.5	82.8	84.4	82.8	81.5
56°	74.1	72.8	71.3	72.5	72.5	72.5	71.3	72.8	74.1	72.8	71.3
56.5°	64.1	63.5	61.8	62.5	62.6	62.5	61.8	63.5	64.1	63.5	61.8
57°	54.9	54.4	52.6	52.9	53.3	52.9	52.6	54.4	54.9	54.4	52.6
57.5°	45.7	45.5	43.6	43.7	44.1	43.7	43.6	45.5	45.7	45.5	43.6
58°	36.5	36.6	35.3	35.0	34.8	35.0	35.3	36.6	36.5	36.6	35.3
58.5°	28.3	28.6	26.7	26.7	26.6	26.7	26.7	28.6	28.3	28.6	26.7
59°	20.0	20.5	18.3	18.5	18.4	18.5	18.3	20.5	20.0	20.5	18.3
59.5°	14.0	13.9	11.6	11.6	12.3	11.6	11.6	13.9	14.0	13.9	11.6
60°	9.4	9.2	7.8	7.1	7.8	7.1	7.8	9.2	9.4	9.2	7.8
60.5°	5.9	6.5	5.2	4.8	6.3	4.8	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	1.9	1.7	1.6	1.7	1.9	2.5	2.2	2.5	1.9
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	1.3	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	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: P1590561

CATALOG NUMBER: HCDLS1525CSD6TRH-HI-5000K

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: P1590561

CATALOG NUMBER: HCDLS1525CSD6TRH-HI-5000K

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: P1590561

CATALOG NUMBER: HCDLS1525CSD6TRH-HI-5000K

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: P1590561

CATALOG NUMBER: HCDLS1525CSD6TRH-HI-5000K

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: P1590561

CATALOG NUMBER: HCDLS1525CSD6TRH-HI-5000K

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	1.1	1.0	1.1	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	1.1	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1
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°	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	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°	1.1	1.0	1.1	1.0	1.1	1.0	1.1	1.0	1.1	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	1.1	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: P1590561
CATALOG NUMBER: HCDLS1525CSD6TRH-HI-5000K

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: P1590561

CATALOG NUMBER: HCDLS1525CSD6TRH-HI-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	2238.3	2238.3	2238.3	2238.3	2238.3	2238.3
0.5°	2238.5	2237.9	2238.5	2238.7	2237.7	2237.2
1°	2238.1	2237.4	2238.1	2238.2	2237.0	2236.7
1.5°	2237.4	2236.9	2237.4	2237.3	2236.1	2235.6
2°	2236.5	2236.3	2236.5	2236.3	2234.8	2234.3
2.5°	2235.2	2235.1	2235.2	2234.5	2233.2	2232.5
3°	2233.3	2233.9	2233.3	2232.6	2231.2	2230.6
3.5°	2231.4	2232.1	2231.4	2230.2	2228.8	2228.1
4°	2228.8	2230.1	2228.8	2227.5	2226.2	2225.3
4.5°	2225.8	2227.3	2225.8	2224.5	2223.0	2222.4
5°	2222.4	2224.3	2222.4	2221.0	2219.5	2218.8
5.5°	2218.2	2220.4	2218.2	2216.7	2215.6	2214.9
6°	2213.4	2216.1	2213.4	2212.2	2211.5	2210.5
6.5°	2208.3	2211.2	2208.3	2207.1	2207.0	2205.6
7°	2202.6	2205.8	2202.6	2201.5	2201.7	2200.7
7.5°	2196.6	2199.6	2196.6	2195.7	2196.4	2195.0
8°	2190.1	2193.6	2190.1	2189.3	2190.2	2188.8
8.5°	2183.3	2186.9	2183.3	2182.5	2183.8	2182.1
9°	2176.2	2179.8	2176.2	2175.2	2176.7	2175.0
9.5°	2168.8	2172.8	2168.8	2167.4	2169.2	2167.2
10°	2161.0	2165.0	2161.0	2158.9	2161.1	2159.4
10.5°	2153.1	2156.9	2153.1	2150.1	2152.2	2150.8
11°	2144.7	2148.6	2144.7	2141.0	2143.1	2141.9
11.5°	2136.1	2139.8	2136.1	2131.5	2133.6	2132.8
12°	2127.2	2130.6	2127.2	2121.6	2123.7	2123.3
12.5°	2118.0	2121.1	2118.0	2111.5	2113.2	2113.2
13°	2108.5	2111.8	2108.5	2101.0	2102.8	2103.3
13.5°	2098.8	2101.8	2098.8	2090.4	2091.7	2092.9
14°	2088.4	2091.2	2088.4	2079.5	2080.7	2082.4
14.5°	2077.6	2080.8	2077.6	2068.2	2068.9	2071.7
15°	2066.5	2069.9	2066.5	2056.6	2057.2	2060.4
15.5°	2055.2	2058.8	2055.2	2044.8	2045.0	2048.8
16°	2042.9	2047.3	2042.9	2032.7	2032.8	2037.0
16.5°	2030.2	2035.8	2030.2	2019.8	2019.5	2025.1
17°	2017.1	2023.8	2017.1	2006.3	2006.4	2012.9
17.5°	2003.3	2011.4	2003.3	1992.5	1993.1	1999.5
18°	1989.2	1998.5	1989.2	1978.3	1979.2	1985.6
18.5°	1974.9	1984.8	1974.9	1963.6	1964.7	1970.9
19°	1960.4	1970.9	1960.4	1948.3	1949.9	1956.0
19.5°	1945.4	1956.6	1945.4	1932.5	1934.4	1940.2
20°	1929.5	1941.0	1929.5	1916.6	1918.5	1924.1
20.5°	1913.2	1924.0	1913.2	1900.1	1902.1	1907.1
21°	1895.8	1906.6	1895.8	1883.0	1885.0	1889.9
21.5°	1878.2	1888.2	1878.2	1865.4	1867.3	1871.9
22°	1859.6	1868.9	1859.6	1847.6	1849.3	1853.0

TEST NUMBER: P1590561

CATALOG NUMBER: HCDLS1525CSD6TRH-HI-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	1841.1	1848.8	1841.1	1829.9	1830.4	1833.4
23°	1821.9	1828.5	1821.9	1811.6	1811.6	1813.3
23.5°	1802.1	1807.6	1802.1	1793.2	1792.0	1792.9
24°	1782.2	1786.0	1782.2	1774.8	1772.5	1771.6
24.5°	1761.8	1763.8	1761.8	1755.6	1752.5	1750.2
25°	1740.8	1741.5	1740.8	1735.9	1732.0	1728.3
25.5°	1719.3	1718.1	1719.3	1715.9	1711.3	1706.1
26°	1697.3	1694.6	1697.3	1695.4	1690.1	1683.6
26.5°	1675.0	1670.2	1675.0	1674.0	1668.5	1660.6
27°	1652.2	1645.8	1652.2	1652.3	1646.2	1637.3
27.5°	1629.0	1621.2	1629.0	1629.8	1623.3	1613.7
28°	1604.7	1595.5	1604.7	1606.6	1599.8	1589.9
28.5°	1580.1	1570.1	1580.1	1582.8	1575.8	1564.7
29°	1554.8	1544.3	1554.8	1558.2	1551.2	1539.7
29.5°	1528.9	1518.1	1528.9	1533.0	1525.8	1513.8
30°	1502.1	1490.6	1502.1	1506.7	1499.7	1487.6
30.5°	1474.5	1463.3	1474.5	1479.6	1473.3	1461.5
31°	1446.4	1434.9	1446.4	1452.0	1446.2	1434.5
31.5°	1418.0	1406.5	1418.0	1423.4	1418.4	1407.3
32°	1388.8	1378.0	1388.8	1393.8	1389.7	1379.5
32.5°	1359.3	1348.9	1359.3	1364.0	1361.3	1351.9
33°	1329.3	1319.7	1329.3	1333.2	1331.2	1323.5
33.5°	1298.6	1290.0	1298.6	1302.3	1301.4	1295.8
34°	1267.9	1260.6	1267.9	1270.1	1270.5	1266.1
34.5°	1236.1	1230.8	1236.1	1238.1	1239.9	1236.8
35°	1204.4	1200.5	1204.4	1204.9	1207.5	1206.8
35.5°	1172.0	1170.3	1172.0	1171.7	1175.4	1176.4
36°	1139.6	1139.5	1139.6	1137.7	1142.9	1144.4
36.5°	1106.8	1108.6	1106.8	1104.1	1110.1	1112.9
37°	1074.2	1076.5	1074.2	1069.4	1076.5	1080.5
37.5°	1041.1	1043.4	1041.1	1035.0	1042.9	1047.3
38°	1007.6	1008.5	1007.6	1001.1	1009.0	1013.4
38.5°	973.6	974.6	973.6	967.0	975.1	979.9
39°	939.6	941.0	939.6	933.3	939.4	945.5
39.5°	905.7	907.4	905.7	899.8	905.0	909.8
40°	871.3	874.1	871.3	866.3	871.3	874.4
40.5°	837.1	840.4	837.1	833.1	837.7	839.5
41°	802.7	805.6	802.7	799.4	804.0	804.1
41.5°	768.8	771.1	768.8	765.6	770.0	769.0
42°	735.1	736.6	735.1	732.6	735.7	734.2
42.5°	702.6	702.2	702.6	700.1	701.8	699.9
43°	670.0	667.7	670.0	668.0	667.7	666.0
43.5°	637.5	633.5	637.5	636.0	634.5	632.6
44°	605.7	600.5	605.7	604.2	601.1	599.8
44.5°	575.0	568.3	575.0	573.4	569.2	567.0

TEST NUMBER: P1590561

CATALOG NUMBER: HCDLS1525CSD6TRH-HI-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	543.5	536.5	543.5	543.2	537.7	535.1
45.5°	512.6	505.8	512.6	513.1	507.1	503.5
46°	482.7	475.6	482.7	483.0	477.0	472.6
46.5°	453.4	446.5	453.4	453.5	447.7	442.7
47°	424.8	418.3	424.8	424.7	419.1	413.6
47.5°	397.1	391.0	397.1	396.3	391.1	385.7
48°	369.6	364.6	369.6	368.7	364.0	358.4
48.5°	343.6	339.2	343.6	341.6	337.7	332.7
49°	318.1	314.7	318.1	315.6	312.5	308.4
49.5°	293.9	291.7	293.9	291.3	288.9	285.6
50°	271.0	270.0	271.0	268.0	266.1	263.6
50.5°	248.6	248.7	248.6	245.2	243.6	241.9
51°	226.6	227.8	226.6	222.7	221.8	221.0
51.5°	206.2	207.7	206.2	201.1	201.3	202.4
52°	186.3	187.9	186.3	181.2	182.6	184.2
52.5°	168.2	169.8	168.2	163.0	165.0	167.4
53°	151.7	153.2	151.7	146.2	148.7	151.5
53.5°	136.0	137.0	136.0	131.0	133.5	136.5
54°	121.3	122.2	121.3	117.0	119.4	122.1
54.5°	107.6	108.3	107.6	104.1	106.3	108.9
55°	94.9	95.4	94.9	92.2	94.1	96.2
55.5°	83.0	83.1	83.0	81.5	82.8	84.4
56°	72.5	72.5	72.5	71.3	72.8	74.1
56.5°	62.5	62.6	62.5	61.8	63.5	64.1
57°	52.9	53.3	52.9	52.6	54.4	54.9
57.5°	43.7	44.1	43.7	43.6	45.5	45.7
58°	35.0	34.8	35.0	35.3	36.6	36.5
58.5°	26.7	26.6	26.7	26.7	28.6	28.3
59°	18.5	18.4	18.5	18.3	20.5	20.0
59.5°	11.6	12.3	11.6	11.6	13.9	14.0
60°	7.1	7.8	7.1	7.8	9.2	9.4
60.5°	4.8	6.3	4.8	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	1.9	2.5	2.2
63°	1.4	1.4	1.4	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°	0.8	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: P1590561

CATALOG NUMBER: HCDLS1525CSD6TRH-HI-5000K

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: P1590561

CATALOG NUMBER: HCDLS1525CSD6TRH-HI-5000K

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: P1590561

CATALOG NUMBER: HCDLS1525CSD6TRH-HI-5000K

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: P1590561

CATALOG NUMBER: HCDLS1525CSD6TRH-HI-5000K

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: P1590561

CATALOG NUMBER: HCDLS1525CSD6TRH-HI-5000K

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°	1.1	1.0	1.1	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	1.1	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	1.1
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	1.1
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: P1590561

CATALOG NUMBER: HCDLS1525CSD6TRH-HI-5000K

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: P1590561

CATALOG NUMBER: HCDLS1525CSD6TRH-HI-5000K

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	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	10.6	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	10.7	8.8	9.5	9.2	9.9	10.4
4H	2H	9.3	10.2	9.7	10.6	10.9	9.0	9.9	9.4	10.3	10.7
	3H	9.1	9.8	9.5	10.3	10.7	8.8	9.6	9.2	10.0	10.4
	4H	9.0	9.7	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	9.4	9.3	9.8	10.3	8.6	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	9.4	9.3	9.8	10.3	8.6	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	9.3	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)