

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: P1590568

Luminaire Tested: HCDLS1525CSD6TRH-ME-3000K

Issue Date: 9/4/2026

Test Information

Test Method: LM-79-2019
Report Number: P1590568
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-ME-3000K
Description: 6" Selectable Round Trim+ Haze (Semi-specular) 2000 Lumens 3000K

Light Source:
Ballast/Driver: -

Summary

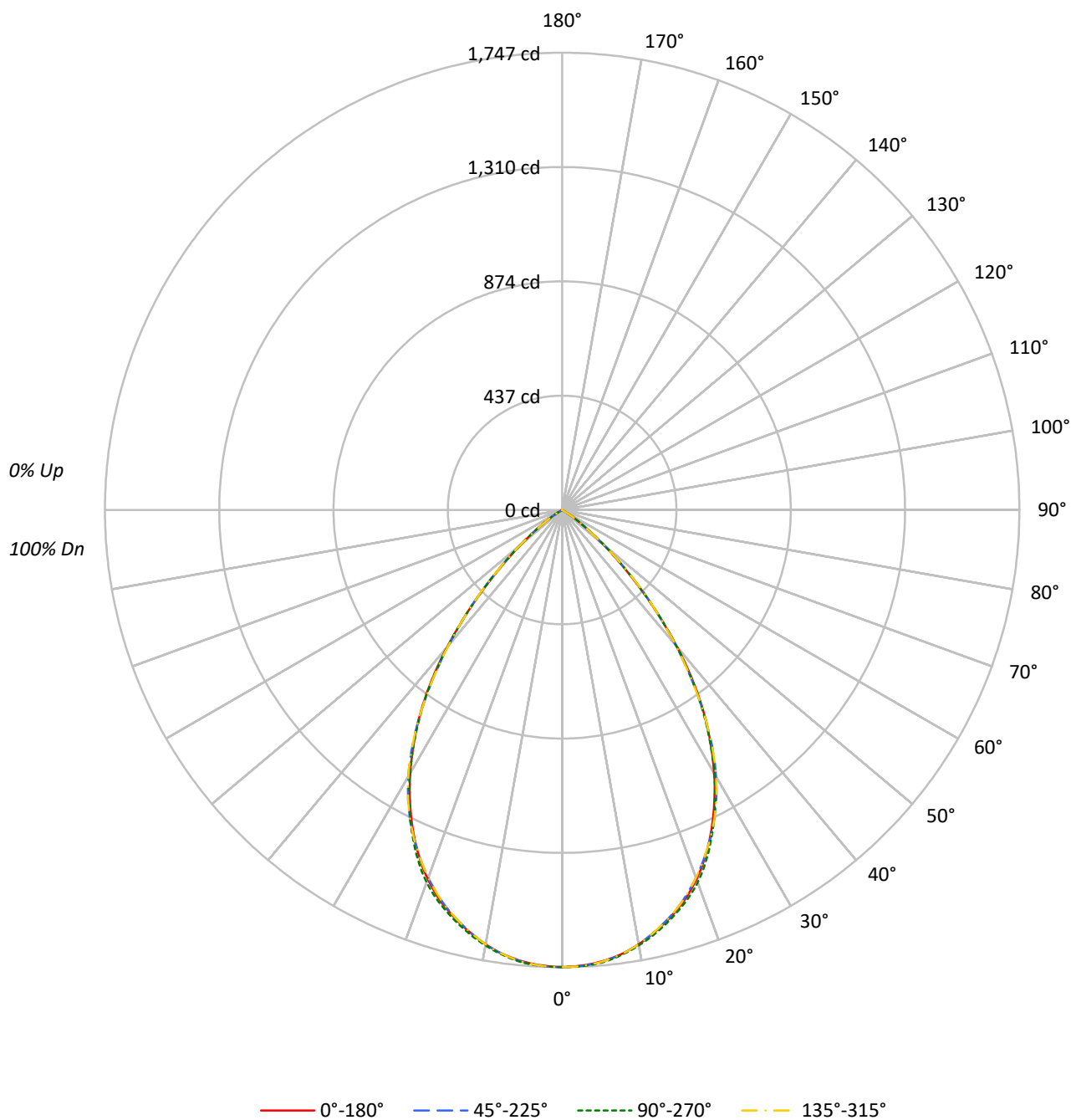
Lumens per Lamp: N/A
Luminaire Lumens: 2220.0 lumens
Efficiency: N/A
Efficacy: 106.2 lumens/watt
Spacing Criteria (0/90/45): 1.05 / 1.05 / 1.06
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 20.9
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor:
Total Harmonic Distortion (THDi):
Frequency (hertz): 60
Stabilization Time: HR
Operation Time: HR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P1590568

CATALOG NUMBER: HCDLS1525CSD6TRH-ME-3000K

Luminous Intensity Polar Plot



TEST NUMBER: P1590568

CATALOG NUMBER: HCDLS1525CSD6TRH-ME-3000K

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	100	100	100
1	113	110	107	105	110	108	105	103	104	102	100	100	98	97	96	95	94	92	92	92
2	107	101	97	93	104	99	95	92	96	93	90	93	90	88	90	88	86	84	84	84
3	100	93	88	83	98	92	87	83	89	85	81	87	83	80	84	81	79	77	77	77
4	94	86	80	75	92	85	79	75	83	78	74	80	76	73	79	75	72	70	70	70
5	89	79	73	68	87	78	72	68	77	71	67	75	70	67	73	69	66	64	64	64
6	84	74	67	62	82	73	67	62	71	66	61	70	65	61	68	64	61	59	59	59
7	79	68	62	57	77	68	61	57	66	61	56	65	60	56	64	59	56	54	54	54
8	74	64	57	52	73	63	57	52	62	56	52	61	56	52	60	55	52	50	50	50
9	70	59	53	48	69	59	53	48	58	52	48	57	52	48	56	51	48	46	46	46
10	66	56	49	45	65	55	49	45	54	49	45	54	48	45	53	48	44	43	43	43

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	95743	95743	95743	95743
5°	95278	95515	95278	95515
10°	93797	94042	93797	94042
15°	91249	91663	91249	91663
20°	87589	88359	87589	88359
25°	81579	82196	81579	82196
30°	73480	73625	73480	73625
35°	63021	62694	63021	62694
40°	48827	48806	48827	48806
45°	32375	32461	32375	32461
50°	17543	17961	17543	17961
55°	7178	7120	7178	7120
60°	800	669	800	669
65°	117	78	117	78
70°	48	32	48	32
75°	0	0	0	0
80°	0	0	0	0
85°	0	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 67.5°

Vertical Angle: 45°

Luminance: 32879 cd/sqm

TEST NUMBER: P1590568

CATALOG NUMBER: HCDLS1525CSD6TRH-ME-3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	163.9	7.4
10°-20°	451.8	20.4
20°-30°	619.4	27.9
30°-40°	580.9	26.2
40°-50°	326.9	14.7
50°-60°	74.4	3.4
60°-70°	1.3	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°	0.2	0.0
140°-150°	0.3	0.0
150°-160°	0.3	0.0
160°-170°	0.2	0.0
170°-180°	0.1	0.0
0°-30°	1235.1	55.6
0°-40°	1816.1	81.8
0°-60°	2217.3	99.9
0°-90°	2218.6	99.9
90°-120°	0.0	0.0
90°-150°	0.7	0.0
90°-180°	1.0	0.0
0°-180°	2220.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1746	1746	1746	1746	1746	
5°	1731	1736	1731	1736	1731	164
15°	1608	1615	1608	1615	1608	452
25°	1349	1359	1349	1359	1349	617
35°	942	937	942	937	942	581
45°	418	419	418	419	418	324
55°	75	74	75	74	75	75
65°	1	1	1	1	1	1
75°	0	0	0	0	0	0
85°	0	0	0	0	0	0
90°	0	0	0	0	0	0
95°	0	0	0	0	0	0
105°	0	0	0	0	0	0
115°	0	0	0	0	0	0
125°	0	0	0	0	0	0
135°	0	0	0	0	0	0
145°	0	0	0	0	0	0
155°	1	1	1	1	1	0
165°	1	1	1	1	1	0
175°	1	1	1	1	1	0
180°	1	1	1	1	1	

TEST NUMBER: P1590568

CATALOG NUMBER: HCDLS1525CSD6TRH-ME-3000K

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	1746.5	1746.5	1746.5	1746.5	1746.5	1746.5	1746.5	1746.5	1746.5	1746.5	1746.5
0.5°	1745.8	1746.1	1746.9	1746.7	1746.3	1746.7	1746.9	1746.1	1745.8	1746.1	1746.9
1°	1745.4	1745.6	1746.5	1746.4	1745.9	1746.4	1746.5	1745.6	1745.4	1745.6	1746.5
1.5°	1744.4	1744.9	1745.8	1745.9	1745.5	1745.9	1745.8	1744.9	1744.4	1744.9	1745.8
2°	1743.4	1743.9	1745.0	1745.1	1745.0	1745.1	1745.0	1743.9	1743.4	1743.9	1745.0
2.5°	1742.1	1742.6	1743.6	1744.1	1744.1	1744.1	1743.6	1742.6	1742.1	1742.6	1743.6
3°	1740.6	1741.0	1742.1	1742.7	1743.2	1742.7	1742.1	1741.0	1740.6	1741.0	1742.1
3.5°	1738.6	1739.2	1740.3	1741.2	1741.7	1741.2	1740.3	1739.2	1738.6	1739.2	1740.3
4°	1736.4	1737.1	1738.1	1739.1	1740.1	1739.1	1738.1	1737.1	1736.4	1737.1	1738.1
4.5°	1734.1	1734.6	1735.8	1736.8	1738.0	1736.8	1735.8	1734.6	1734.1	1734.6	1735.8
5°	1731.4	1731.9	1733.1	1734.2	1735.7	1734.2	1733.1	1731.9	1731.4	1731.9	1733.1
5.5°	1728.3	1728.9	1729.7	1730.9	1732.6	1730.9	1729.7	1728.9	1728.3	1728.9	1729.7
6°	1724.9	1725.6	1726.2	1727.2	1729.2	1727.2	1726.2	1725.6	1724.9	1725.6	1726.2
6.5°	1721.1	1722.1	1722.2	1723.2	1725.4	1723.2	1722.2	1722.1	1721.1	1722.1	1722.2
7°	1717.2	1718.1	1717.8	1718.8	1721.2	1718.8	1717.8	1718.1	1717.2	1718.1	1717.8
7.5°	1712.8	1713.9	1713.3	1714.0	1716.4	1714.0	1713.3	1713.9	1712.8	1713.9	1713.3
8°	1708.0	1709.1	1708.4	1708.9	1711.7	1708.9	1708.4	1709.1	1708.0	1709.1	1708.4
8.5°	1702.7	1704.1	1703.1	1703.7	1706.5	1703.7	1703.1	1704.1	1702.7	1704.1	1703.1
9°	1697.2	1698.5	1697.3	1698.1	1700.9	1698.1	1697.3	1698.5	1697.2	1698.5	1697.3
9.5°	1691.1	1692.6	1691.2	1692.3	1695.5	1692.3	1691.2	1692.6	1691.1	1692.6	1691.2
10°	1685.0	1686.4	1684.7	1686.2	1689.4	1686.2	1684.7	1686.4	1685.0	1686.4	1684.7
10.5°	1678.3	1679.4	1677.8	1680.1	1683.1	1680.1	1677.8	1679.4	1678.3	1679.4	1677.8
11°	1671.4	1672.3	1670.7	1673.5	1676.6	1673.5	1670.7	1672.3	1671.4	1672.3	1670.7
11.5°	1664.2	1664.9	1663.2	1666.8	1669.7	1666.8	1663.2	1664.9	1664.2	1664.9	1663.2
12°	1656.8	1657.2	1655.6	1659.9	1662.6	1659.9	1655.6	1657.2	1656.8	1657.2	1655.6
12.5°	1649.0	1649.0	1647.6	1652.7	1655.1	1652.7	1647.6	1649.0	1649.0	1649.0	1647.6
13°	1641.2	1640.8	1639.5	1645.3	1647.8	1645.3	1639.5	1640.8	1641.2	1640.8	1639.5
13.5°	1633.1	1632.2	1631.2	1637.8	1640.1	1637.8	1631.2	1632.2	1633.1	1632.2	1631.2
14°	1624.9	1623.6	1622.7	1629.6	1631.8	1629.6	1622.7	1623.6	1624.9	1623.6	1622.7
14.5°	1616.6	1614.4	1613.9	1621.2	1623.7	1621.2	1613.9	1614.4	1616.6	1614.4	1613.9
15°	1607.8	1605.3	1604.8	1612.5	1615.1	1612.5	1604.8	1605.3	1607.8	1605.3	1604.8
15.5°	1598.7	1595.8	1595.6	1603.7	1606.5	1603.7	1595.6	1595.8	1598.7	1595.8	1595.6
16°	1589.5	1586.3	1586.2	1594.1	1597.5	1594.1	1586.2	1586.3	1589.5	1586.3	1586.2
16.5°	1580.3	1575.9	1576.1	1584.2	1588.6	1584.2	1576.1	1575.9	1580.3	1575.9	1576.1
17°	1570.7	1565.6	1565.5	1573.9	1579.2	1573.9	1565.5	1565.6	1570.7	1565.6	1565.5
17.5°	1560.2	1555.3	1554.8	1563.2	1569.6	1563.2	1554.8	1555.3	1560.2	1555.3	1554.8
18°	1549.4	1544.4	1543.7	1552.2	1559.4	1552.2	1543.7	1544.4	1549.4	1544.4	1543.7
18.5°	1537.9	1533.1	1532.2	1541.0	1548.8	1541.0	1532.2	1533.1	1537.9	1533.1	1532.2
19°	1526.3	1521.5	1520.3	1529.8	1537.9	1529.8	1520.3	1521.5	1526.3	1521.5	1520.3
19.5°	1514.0	1509.4	1507.9	1518.0	1526.8	1518.0	1507.9	1509.4	1514.0	1509.4	1507.9
20°	1501.4	1497.0	1495.5	1505.6	1514.6	1505.6	1495.5	1497.0	1501.4	1497.0	1495.5
20.5°	1488.2	1484.2	1482.7	1492.9	1501.3	1492.9	1482.7	1484.2	1488.2	1484.2	1482.7
21°	1474.7	1470.9	1469.3	1479.4	1487.8	1479.4	1469.3	1470.9	1474.7	1470.9	1469.3
21.5°	1460.7	1457.1	1455.6	1465.6	1473.4	1465.6	1455.6	1457.1	1460.7	1457.1	1455.6
22°	1445.9	1443.0	1441.7	1451.1	1458.4	1451.1	1441.7	1443.0	1445.9	1443.0	1441.7

TEST NUMBER: P1590568

CATALOG NUMBER: HCDLS1525CSD6TRH-ME-3000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
22.5°	1430.6	1428.3	1427.9	1436.6	1442.6	1436.6	1427.9	1428.3	1430.6	1428.3	1427.9
23°	1415.0	1413.6	1413.6	1421.6	1426.8	1421.6	1413.6	1413.6	1415.0	1413.6	1413.6
23.5°	1399.0	1398.4	1399.3	1406.2	1410.5	1406.2	1399.3	1398.4	1399.0	1398.4	1399.3
24°	1382.4	1383.1	1384.9	1390.7	1393.6	1390.7	1384.9	1383.1	1382.4	1383.1	1384.9
24.5°	1365.7	1367.5	1369.9	1374.7	1376.3	1374.7	1369.9	1367.5	1365.7	1367.5	1369.9
25°	1348.7	1351.5	1354.6	1358.4	1358.9	1358.4	1354.6	1351.5	1348.7	1351.5	1354.6
25.5°	1331.3	1335.4	1339.0	1341.6	1340.6	1341.6	1339.0	1335.4	1331.3	1335.4	1339.0
26°	1313.8	1318.8	1322.9	1324.5	1322.3	1324.5	1322.9	1318.8	1313.8	1318.8	1322.9
26.5°	1295.8	1301.9	1306.3	1307.1	1303.3	1307.1	1306.3	1301.9	1295.8	1301.9	1306.3
27°	1277.6	1284.6	1289.3	1289.2	1284.3	1289.2	1289.3	1284.6	1277.6	1284.6	1289.3
27.5°	1259.2	1266.7	1271.8	1271.1	1265.0	1271.1	1271.8	1266.7	1259.2	1266.7	1271.8
28°	1240.6	1248.3	1253.6	1252.2	1245.0	1252.2	1253.6	1248.3	1240.6	1248.3	1253.6
28.5°	1221.0	1229.6	1235.1	1233.0	1225.2	1233.0	1235.1	1229.6	1221.0	1229.6	1235.1
29°	1201.5	1210.4	1215.9	1213.2	1205.0	1213.2	1215.9	1210.4	1201.5	1210.4	1215.9
29.5°	1181.3	1190.6	1196.2	1193.1	1184.6	1193.1	1196.2	1190.6	1181.3	1190.6	1196.2
30°	1160.8	1170.2	1175.7	1172.1	1163.1	1172.1	1175.7	1170.2	1160.8	1170.2	1175.7
30.5°	1140.5	1149.7	1154.6	1150.6	1141.9	1150.6	1154.6	1149.7	1140.5	1149.7	1154.6
31°	1119.4	1128.5	1133.0	1128.6	1119.7	1128.6	1133.0	1128.5	1119.4	1128.5	1133.0
31.5°	1098.1	1106.8	1110.7	1106.5	1097.5	1106.5	1110.7	1106.8	1098.1	1106.8	1110.7
32°	1076.5	1084.4	1087.6	1083.7	1075.2	1083.7	1087.6	1084.4	1076.5	1084.4	1087.6
32.5°	1054.9	1062.2	1064.3	1060.7	1052.6	1060.7	1064.3	1062.2	1054.9	1062.2	1064.3
33°	1032.7	1038.7	1040.3	1037.3	1029.8	1037.3	1040.3	1038.7	1032.7	1038.7	1040.3
33.5°	1011.1	1015.5	1016.2	1013.3	1006.6	1013.3	1016.2	1015.5	1011.1	1015.5	1016.2
34°	987.9	991.4	991.1	989.4	983.7	989.4	991.1	991.4	987.9	991.4	991.1
34.5°	965.1	967.5	966.1	964.5	960.4	964.5	966.1	967.5	965.1	967.5	966.1
35°	941.7	942.3	940.2	939.8	936.8	939.8	940.2	942.3	941.7	942.3	940.2
35.5°	917.9	917.2	914.3	914.6	913.2	914.6	914.3	917.2	917.9	917.2	914.3
36°	893.0	891.8	887.8	889.2	889.2	889.2	887.8	891.8	893.0	891.8	887.8
36.5°	868.4	866.2	861.6	863.6	865.1	863.6	861.6	866.2	868.4	866.2	861.6
37°	843.2	840.0	834.4	838.2	840.0	838.2	834.4	840.0	843.2	840.0	834.4
37.5°	817.2	813.8	807.6	812.4	814.2	812.4	807.6	813.8	817.2	813.8	807.6
38°	790.8	787.3	781.2	786.2	787.0	786.2	781.2	787.3	790.8	787.3	781.2
38.5°	764.7	760.9	754.6	759.7	760.5	759.7	754.6	760.9	764.7	760.9	754.6
39°	737.8	733.0	728.2	733.2	734.3	733.2	728.2	733.0	737.8	733.0	728.2
39.5°	709.9	706.2	702.1	706.7	708.1	706.7	702.1	706.2	709.9	706.2	702.1
40°	682.3	679.9	676.0	679.9	682.0	679.9	676.0	679.9	682.3	679.9	676.0
40.5°	655.1	653.6	650.1	653.2	655.8	653.2	650.1	653.6	655.1	653.6	650.1
41°	627.5	627.3	623.8	626.4	628.7	626.4	623.8	627.3	627.5	627.3	623.8
41.5°	600.1	600.8	597.4	599.9	601.7	599.9	597.4	600.8	600.1	600.8	597.4
42°	572.9	574.0	571.7	573.6	574.8	573.6	571.7	574.0	572.9	574.0	571.7
42.5°	546.1	547.6	546.3	548.2	547.9	548.2	546.3	547.6	546.1	547.6	546.3
43°	519.7	521.0	521.3	522.8	521.0	522.8	521.3	521.0	519.7	521.0	521.3
43.5°	493.7	495.1	496.3	497.5	494.4	497.5	496.3	495.1	493.7	495.1	496.3
44°	468.0	469.0	471.5	472.6	468.6	472.6	471.5	469.0	468.0	469.0	471.5
44.5°	442.5	444.2	447.5	448.7	443.5	448.7	447.5	444.2	442.5	444.2	447.5

TEST NUMBER: P1590568

CATALOG NUMBER: HCDLS1525CSD6TRH-ME-3000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	417.6	419.6	423.9	424.1	418.7	424.1	423.9	419.6	417.6	419.6	423.9
45.5°	392.9	395.7	400.4	400.0	394.7	400.0	400.4	395.7	392.9	395.7	400.4
46°	368.7	372.2	376.9	376.6	371.1	376.6	376.9	372.2	368.7	372.2	376.9
46.5°	345.5	349.4	353.9	353.8	348.4	353.8	353.9	349.4	345.5	349.4	353.9
47°	322.8	327.0	331.4	331.5	326.4	331.5	331.4	327.0	322.8	327.0	331.4
47.5°	300.9	305.2	309.2	309.8	305.1	309.8	309.2	305.2	300.9	305.2	309.2
48°	279.7	284.0	287.7	288.4	284.5	288.4	287.7	284.0	279.7	284.0	287.7
48.5°	259.6	263.5	266.6	268.1	264.7	268.1	266.6	263.5	259.6	263.5	266.6
49°	240.6	243.8	246.3	248.2	245.6	248.2	246.3	243.8	240.6	243.8	246.3
49.5°	222.9	225.4	227.3	229.3	227.6	229.3	227.3	225.4	222.9	225.4	227.3
50°	205.7	207.6	209.1	211.5	210.6	211.5	209.1	207.6	205.7	207.6	209.1
50.5°	188.7	190.1	191.3	194.0	194.1	194.0	191.3	190.1	188.7	190.1	191.3
51°	172.4	173.0	173.8	176.8	177.8	176.8	173.8	173.0	172.4	173.0	173.8
51.5°	157.9	157.1	157.0	160.9	162.0	160.9	157.0	157.1	157.9	157.1	157.0
52°	143.7	142.5	141.4	145.4	146.6	145.4	141.4	142.5	143.7	142.5	141.4
52.5°	130.6	128.8	127.2	131.3	132.5	131.3	127.2	128.8	130.6	128.8	127.2
53°	118.2	116.0	114.1	118.4	119.5	118.4	114.1	116.0	118.2	116.0	114.1
53.5°	106.5	104.2	102.2	106.1	106.9	106.1	102.2	104.2	106.5	104.2	102.2
54°	95.3	93.2	91.3	94.7	95.3	94.7	91.3	93.2	95.3	93.2	91.3
54.5°	85.0	82.9	81.2	84.0	84.5	84.0	81.2	82.9	85.0	82.9	81.2
55°	75.1	73.4	71.9	74.0	74.5	74.0	71.9	73.4	75.1	73.4	71.9
55.5°	65.9	64.6	63.6	64.8	64.9	64.8	63.6	64.6	65.9	64.6	63.6
56°	57.8	56.8	55.6	56.6	56.6	56.6	55.6	56.8	57.8	56.8	55.6
56.5°	50.0	49.5	48.3	48.8	48.9	48.8	48.3	49.5	50.0	49.5	48.3
57°	42.8	42.4	41.1	41.3	41.6	41.3	41.1	42.4	42.8	42.4	41.1
57.5°	35.6	35.5	34.1	34.1	34.4	34.1	34.1	35.5	35.6	35.5	34.1
58°	28.5	28.6	27.5	27.3	27.2	27.3	27.5	28.6	28.5	28.6	27.5
58.5°	22.1	22.3	20.8	20.8	20.8	20.8	20.8	22.3	22.1	22.3	20.8
59°	15.6	16.0	14.3	14.4	14.4	14.4	14.3	16.0	15.6	16.0	14.3
59.5°	10.9	10.8	9.0	9.1	9.6	9.1	9.0	10.8	10.9	10.8	9.0
60°	7.3	7.2	6.0	5.5	6.1	5.5	6.0	7.2	7.3	7.2	6.0
60.5°	4.6	5.1	4.0	3.7	4.9	3.7	4.0	5.1	4.6	5.1	4.0
61°	3.8	4.2	3.2	3.0	4.0	3.0	3.2	4.2	3.8	4.2	3.2
61.5°	3.1	3.3	2.3	2.3	3.0	2.3	2.3	3.3	3.1	3.3	2.3
62°	2.4	2.5	1.9	1.7	2.2	1.7	1.9	2.5	2.4	2.5	1.9
62.5°	1.7	1.9	1.4	1.3	1.3	1.3	1.4	1.9	1.7	1.9	1.4
63°	1.5	1.4	1.2	1.1	1.1	1.1	1.2	1.4	1.5	1.4	1.2
63.5°	1.3	1.2	1.1	1.0	0.9	1.0	1.1	1.2	1.3	1.2	1.1
64°	1.1	1.1	0.9	0.9	0.8	0.9	0.9	1.1	1.1	1.1	0.9
64.5°	1.0	1.0	0.8	0.8	0.7	0.8	0.8	1.0	1.0	1.0	0.8
65°	0.9	0.8	0.7	0.7	0.6	0.7	0.7	0.8	0.9	0.8	0.7
65.5°	0.8	0.7	0.7	0.6	0.6	0.6	0.7	0.7	0.8	0.7	0.7
66°	0.7	0.7	0.6	0.5	0.5	0.5	0.6	0.7	0.7	0.7	0.6
66.5°	0.6	0.6	0.5	0.5	0.4	0.5	0.5	0.6	0.6	0.6	0.5
67°	0.6	0.5	0.5	0.4	0.4	0.4	0.5	0.5	0.6	0.5	0.5

TEST NUMBER: P1590568

CATALOG NUMBER: HCDLS1525CSD6TRH-ME-3000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	0.5	0.5	0.4	0.4	0.3	0.4	0.4	0.5	0.5	0.5	0.4
68°	0.4	0.4	0.4	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4
68.5°	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.3
69°	0.3	0.3	0.3	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3
69.5°	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.2
70°	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.2
70.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
71°	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2
71.5°	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1
72°	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1
72.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	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	0.0	0.1	0.1	0.1	0.1	0.1	0.1
74°	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0
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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P1590568

CATALOG NUMBER: HCDLS1525CSD6TRH-ME-3000K

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: P1590568

CATALOG NUMBER: HCDLS1525CSD6TRH-ME-3000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.5°	0.1	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.1	0.0	0.0
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°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
126°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
126.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
127°	0.2	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°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
130.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
131°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
131.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
132°	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2
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°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3

TEST NUMBER: P1590568

CATALOG NUMBER: HCDLS1525CSD6TRH-ME-3000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
135°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
135.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
136°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
136.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
137°	0.4	0.4	0.4	0.4	0.3	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°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
138.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
139°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
139.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
140°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
140.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
141°	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.4	0.4
141.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
142°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
142.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
143°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
143.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
144°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
144.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
145°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
145.5°	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.5
146°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
146.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
147°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
147.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
148°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
148.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
149°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
149.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
150°	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.6
150.5°	0.7	0.7	0.7	0.7	0.6	0.7	0.7	0.7	0.7	0.7	0.7
151°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
151.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
152°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
152.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
153°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
153.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
154°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
154.5°	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.7	0.7
155°	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.7
155.5°	0.8	0.8	0.8	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8
156°	0.8	0.8	0.8	0.8	0.7	0.8	0.8	0.8	0.8	0.8	0.8
156.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
157°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8

TEST NUMBER: P1590568

CATALOG NUMBER: HCDLS1525CSD6TRH-ME-3000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
157.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
158°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
158.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
159°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
159.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
160°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
160.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
161°	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8
161.5°	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.8
162°	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.8
162.5°	0.9	0.9	0.9	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9
163°	0.9	0.9	0.9	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9
163.5°	0.9	0.9	0.9	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9
164°	0.9	0.9	0.9	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9
164.5°	0.9	0.9	0.9	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9
165°	0.9	0.9	0.9	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9
165.5°	0.9	0.9	0.9	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9
166°	0.9	0.9	0.9	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9
166.5°	0.9	0.9	0.9	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9
167°	0.9	0.9	0.9	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9
167.5°	0.9	0.9	0.9	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9
168°	0.9	0.9	0.9	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9
168.5°	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.8
169°	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8
169.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
170°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
170.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
171°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
171.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
172°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
172.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
173°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
173.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
174°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
174.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
175°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
175.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
176°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
176.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
177°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
177.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
178°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
178.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
179°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
179.5°	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.8	0.8	0.8	0.8



TEST NUMBER: P1590568
CATALOG NUMBER: HCDLS1525CSD6TRH-ME-3000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
180°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8

TEST NUMBER: P1590568

CATALOG NUMBER: HCDLS1525CSD6TRH-ME-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	1746.5	1746.5	1746.5	1746.5	1746.5	1746.5
0.5°	1746.7	1746.3	1746.7	1746.9	1746.1	1745.8
1°	1746.4	1745.9	1746.4	1746.5	1745.6	1745.4
1.5°	1745.9	1745.5	1745.9	1745.8	1744.9	1744.4
2°	1745.1	1745.0	1745.1	1745.0	1743.9	1743.4
2.5°	1744.1	1744.1	1744.1	1743.6	1742.6	1742.1
3°	1742.7	1743.2	1742.7	1742.1	1741.0	1740.6
3.5°	1741.2	1741.7	1741.2	1740.3	1739.2	1738.6
4°	1739.1	1740.1	1739.1	1738.1	1737.1	1736.4
4.5°	1736.8	1738.0	1736.8	1735.8	1734.6	1734.1
5°	1734.2	1735.7	1734.2	1733.1	1731.9	1731.4
5.5°	1730.9	1732.6	1730.9	1729.7	1728.9	1728.3
6°	1727.2	1729.2	1727.2	1726.2	1725.6	1724.9
6.5°	1723.2	1725.4	1723.2	1722.2	1722.1	1721.1
7°	1718.8	1721.2	1718.8	1717.8	1718.1	1717.2
7.5°	1714.0	1716.4	1714.0	1713.3	1713.9	1712.8
8°	1708.9	1711.7	1708.9	1708.4	1709.1	1708.0
8.5°	1703.7	1706.5	1703.7	1703.1	1704.1	1702.7
9°	1698.1	1700.9	1698.1	1697.3	1698.5	1697.2
9.5°	1692.3	1695.5	1692.3	1691.2	1692.6	1691.1
10°	1686.2	1689.4	1686.2	1684.7	1686.4	1685.0
10.5°	1680.1	1683.1	1680.1	1677.8	1679.4	1678.3
11°	1673.5	1676.6	1673.5	1670.7	1672.3	1671.4
11.5°	1666.8	1669.7	1666.8	1663.2	1664.9	1664.2
12°	1659.9	1662.6	1659.9	1655.6	1657.2	1656.8
12.5°	1652.7	1655.1	1652.7	1647.6	1649.0	1649.0
13°	1645.3	1647.8	1645.3	1639.5	1640.8	1641.2
13.5°	1637.8	1640.1	1637.8	1631.2	1632.2	1633.1
14°	1629.6	1631.8	1629.6	1622.7	1623.6	1624.9
14.5°	1621.2	1623.7	1621.2	1613.9	1614.4	1616.6
15°	1612.5	1615.1	1612.5	1604.8	1605.3	1607.8
15.5°	1603.7	1606.5	1603.7	1595.6	1595.8	1598.7
16°	1594.1	1597.5	1594.1	1586.2	1586.3	1589.5
16.5°	1584.2	1588.6	1584.2	1576.1	1575.9	1580.3
17°	1573.9	1579.2	1573.9	1565.5	1565.6	1570.7
17.5°	1563.2	1569.6	1563.2	1554.8	1555.3	1560.2
18°	1552.2	1559.4	1552.2	1543.7	1544.4	1549.4
18.5°	1541.0	1548.8	1541.0	1532.2	1533.1	1537.9
19°	1529.8	1537.9	1529.8	1520.3	1521.5	1526.3
19.5°	1518.0	1526.8	1518.0	1507.9	1509.4	1514.0
20°	1505.6	1514.6	1505.6	1495.5	1497.0	1501.4
20.5°	1492.9	1501.3	1492.9	1482.7	1484.2	1488.2
21°	1479.4	1487.8	1479.4	1469.3	1470.9	1474.7
21.5°	1465.6	1473.4	1465.6	1455.6	1457.1	1460.7
22°	1451.1	1458.4	1451.1	1441.7	1443.0	1445.9

TEST NUMBER: P1590568

CATALOG NUMBER: HCDLS1525CSD6TRH-ME-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	1436.6	1442.6	1436.6	1427.9	1428.3	1430.6
23°	1421.6	1426.8	1421.6	1413.6	1413.6	1415.0
23.5°	1406.2	1410.5	1406.2	1399.3	1398.4	1399.0
24°	1390.7	1393.6	1390.7	1384.9	1383.1	1382.4
24.5°	1374.7	1376.3	1374.7	1369.9	1367.5	1365.7
25°	1358.4	1358.9	1358.4	1354.6	1351.5	1348.7
25.5°	1341.6	1340.6	1341.6	1339.0	1335.4	1331.3
26°	1324.5	1322.3	1324.5	1322.9	1318.8	1313.8
26.5°	1307.1	1303.3	1307.1	1306.3	1301.9	1295.8
27°	1289.2	1284.3	1289.2	1289.3	1284.6	1277.6
27.5°	1271.1	1265.0	1271.1	1271.8	1266.7	1259.2
28°	1252.2	1245.0	1252.2	1253.6	1248.3	1240.6
28.5°	1233.0	1225.2	1233.0	1235.1	1229.6	1221.0
29°	1213.2	1205.0	1213.2	1215.9	1210.4	1201.5
29.5°	1193.1	1184.6	1193.1	1196.2	1190.6	1181.3
30°	1172.1	1163.1	1172.1	1175.7	1170.2	1160.8
30.5°	1150.6	1141.9	1150.6	1154.6	1149.7	1140.5
31°	1128.6	1119.7	1128.6	1133.0	1128.5	1119.4
31.5°	1106.5	1097.5	1106.5	1110.7	1106.8	1098.1
32°	1083.7	1075.2	1083.7	1087.6	1084.4	1076.5
32.5°	1060.7	1052.6	1060.7	1064.3	1062.2	1054.9
33°	1037.3	1029.8	1037.3	1040.3	1038.7	1032.7
33.5°	1013.3	1006.6	1013.3	1016.2	1015.5	1011.1
34°	989.4	983.7	989.4	991.1	991.4	987.9
34.5°	964.5	960.4	964.5	966.1	967.5	965.1
35°	939.8	936.8	939.8	940.2	942.3	941.7
35.5°	914.6	913.2	914.6	914.3	917.2	917.9
36°	889.2	889.2	889.2	887.8	891.8	893.0
36.5°	863.6	865.1	863.6	861.6	866.2	868.4
37°	838.2	840.0	838.2	834.4	840.0	843.2
37.5°	812.4	814.2	812.4	807.6	813.8	817.2
38°	786.2	787.0	786.2	781.2	787.3	790.8
38.5°	759.7	760.5	759.7	754.6	760.9	764.7
39°	733.2	734.3	733.2	728.2	733.0	737.8
39.5°	706.7	708.1	706.7	702.1	706.2	709.9
40°	679.9	682.0	679.9	676.0	679.9	682.3
40.5°	653.2	655.8	653.2	650.1	653.6	655.1
41°	626.4	628.7	626.4	623.8	627.3	627.5
41.5°	599.9	601.7	599.9	597.4	600.8	600.1
42°	573.6	574.8	573.6	571.7	574.0	572.9
42.5°	548.2	547.9	548.2	546.3	547.6	546.1
43°	522.8	521.0	522.8	521.3	521.0	519.7
43.5°	497.5	494.4	497.5	496.3	495.1	493.7
44°	472.6	468.6	472.6	471.5	469.0	468.0
44.5°	448.7	443.5	448.7	447.5	444.2	442.5

TEST NUMBER: P1590568

CATALOG NUMBER: HCDLS1525CSD6TRH-ME-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	424.1	418.7	424.1	423.9	419.6	417.6
45.5°	400.0	394.7	400.0	400.4	395.7	392.9
46°	376.6	371.1	376.6	376.9	372.2	368.7
46.5°	353.8	348.4	353.8	353.9	349.4	345.5
47°	331.5	326.4	331.5	331.4	327.0	322.8
47.5°	309.8	305.1	309.8	309.2	305.2	300.9
48°	288.4	284.5	288.4	287.7	284.0	279.7
48.5°	268.1	264.7	268.1	266.6	263.5	259.6
49°	248.2	245.6	248.2	246.3	243.8	240.6
49.5°	229.3	227.6	229.3	227.3	225.4	222.9
50°	211.5	210.6	211.5	209.1	207.6	205.7
50.5°	194.0	194.1	194.0	191.3	190.1	188.7
51°	176.8	177.8	176.8	173.8	173.0	172.4
51.5°	160.9	162.0	160.9	157.0	157.1	157.9
52°	145.4	146.6	145.4	141.4	142.5	143.7
52.5°	131.3	132.5	131.3	127.2	128.8	130.6
53°	118.4	119.5	118.4	114.1	116.0	118.2
53.5°	106.1	106.9	106.1	102.2	104.2	106.5
54°	94.7	95.3	94.7	91.3	93.2	95.3
54.5°	84.0	84.5	84.0	81.2	82.9	85.0
55°	74.0	74.5	74.0	71.9	73.4	75.1
55.5°	64.8	64.9	64.8	63.6	64.6	65.9
56°	56.6	56.6	56.6	55.6	56.8	57.8
56.5°	48.8	48.9	48.8	48.3	49.5	50.0
57°	41.3	41.6	41.3	41.1	42.4	42.8
57.5°	34.1	34.4	34.1	34.1	35.5	35.6
58°	27.3	27.2	27.3	27.5	28.6	28.5
58.5°	20.8	20.8	20.8	20.8	22.3	22.1
59°	14.4	14.4	14.4	14.3	16.0	15.6
59.5°	9.1	9.6	9.1	9.0	10.8	10.9
60°	5.5	6.1	5.5	6.0	7.2	7.3
60.5°	3.7	4.9	3.7	4.0	5.1	4.6
61°	3.0	4.0	3.0	3.2	4.2	3.8
61.5°	2.3	3.0	2.3	2.3	3.3	3.1
62°	1.7	2.2	1.7	1.9	2.5	2.4
62.5°	1.3	1.3	1.3	1.4	1.9	1.7
63°	1.1	1.1	1.1	1.2	1.4	1.5
63.5°	1.0	0.9	1.0	1.1	1.2	1.3
64°	0.9	0.8	0.9	0.9	1.1	1.1
64.5°	0.8	0.7	0.8	0.8	1.0	1.0
65°	0.7	0.6	0.7	0.7	0.8	0.9
65.5°	0.6	0.6	0.6	0.7	0.7	0.8
66°	0.5	0.5	0.5	0.6	0.7	0.7
66.5°	0.5	0.4	0.5	0.5	0.6	0.6
67°	0.4	0.4	0.4	0.5	0.5	0.6

TEST NUMBER: P1590568

CATALOG NUMBER: HCDLS1525CSD6TRH-ME-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	0.4	0.3	0.4	0.4	0.5	0.5
68°	0.3	0.3	0.3	0.4	0.4	0.4
68.5°	0.3	0.3	0.3	0.3	0.4	0.4
69°	0.2	0.2	0.2	0.3	0.3	0.3
69.5°	0.2	0.2	0.2	0.2	0.3	0.3
70°	0.2	0.2	0.2	0.2	0.3	0.3
70.5°	0.2	0.2	0.2	0.2	0.2	0.2
71°	0.1	0.1	0.1	0.2	0.2	0.2
71.5°	0.1	0.1	0.1	0.1	0.2	0.2
72°	0.1	0.1	0.1	0.1	0.1	0.2
72.5°	0.1	0.1	0.1	0.1	0.1	0.1
73°	0.1	0.1	0.1	0.1	0.1	0.1
73.5°	0.1	0.0	0.1	0.1	0.1	0.1
74°	0.0	0.0	0.0	0.0	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	0.0
75.5°	0.0	0.0	0.0	0.0	0.0	0.0
76°	0.0	0.0	0.0	0.0	0.0	0.0
76.5°	0.0	0.0	0.0	0.0	0.0	0.0
77°	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0
78°	0.0	0.0	0.0	0.0	0.0	0.0
78.5°	0.0	0.0	0.0	0.0	0.0	0.0
79°	0.0	0.0	0.0	0.0	0.0	0.0
79.5°	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0
80.5°	0.0	0.0	0.0	0.0	0.0	0.0
81°	0.0	0.0	0.0	0.0	0.0	0.0
81.5°	0.0	0.0	0.0	0.0	0.0	0.0
82°	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0
83°	0.0	0.0	0.0	0.0	0.0	0.0
83.5°	0.0	0.0	0.0	0.0	0.0	0.0
84°	0.0	0.0	0.0	0.0	0.0	0.0
84.5°	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0
85.5°	0.0	0.0	0.0	0.0	0.0	0.0
86°	0.0	0.0	0.0	0.0	0.0	0.0
86.5°	0.0	0.0	0.0	0.0	0.0	0.0
87°	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0
88°	0.0	0.0	0.0	0.0	0.0	0.0
88.5°	0.0	0.0	0.0	0.0	0.0	0.0
89°	0.0	0.0	0.0	0.0	0.0	0.0
89.5°	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P1590568

CATALOG NUMBER: HCDLS1525CSD6TRH-ME-3000K

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: P1590568

CATALOG NUMBER: HCDLS1525CSD6TRH-ME-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0
113°	0.0	0.0	0.0	0.0	0.0	0.0
113.5°	0.0	0.0	0.0	0.0	0.0	0.0
114°	0.0	0.0	0.0	0.0	0.0	0.0
114.5°	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0
115.5°	0.0	0.0	0.0	0.0	0.0	0.0
116°	0.0	0.0	0.0	0.0	0.0	0.0
116.5°	0.0	0.0	0.0	0.0	0.0	0.0
117°	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0
118°	0.0	0.0	0.0	0.0	0.0	0.0
118.5°	0.0	0.0	0.0	0.0	0.0	0.0
119°	0.0	0.0	0.0	0.0	0.0	0.0
119.5°	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0
120.5°	0.1	0.0	0.1	0.0	0.0	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°	0.1	0.1	0.1	0.1	0.1	0.1
126°	0.1	0.1	0.1	0.1	0.1	0.1
126.5°	0.1	0.1	0.1	0.1	0.1	0.1
127°	0.2	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°	0.2	0.2	0.2	0.2	0.2	0.2
130.5°	0.2	0.2	0.2	0.2	0.2	0.2
131°	0.2	0.2	0.2	0.2	0.2	0.2
131.5°	0.2	0.2	0.2	0.2	0.2	0.2
132°	0.2	0.2	0.2	0.2	0.2	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°	0.3	0.3	0.3	0.3	0.3	0.3

TEST NUMBER: P1590568

CATALOG NUMBER: HCDLS1525CSD6TRH-ME-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
135°	0.3	0.3	0.3	0.3	0.3	0.3
135.5°	0.3	0.3	0.3	0.3	0.3	0.3
136°	0.3	0.3	0.3	0.3	0.3	0.3
136.5°	0.3	0.3	0.3	0.3	0.3	0.3
137°	0.4	0.3	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	0.4
138.5°	0.4	0.4	0.4	0.4	0.4	0.4
139°	0.4	0.4	0.4	0.4	0.4	0.4
139.5°	0.4	0.4	0.4	0.4	0.4	0.4
140°	0.4	0.4	0.4	0.4	0.4	0.4
140.5°	0.4	0.4	0.4	0.4	0.4	0.4
141°	0.4	0.4	0.4	0.4	0.4	0.5
141.5°	0.5	0.5	0.5	0.5	0.5	0.5
142°	0.5	0.5	0.5	0.5	0.5	0.5
142.5°	0.5	0.5	0.5	0.5	0.5	0.5
143°	0.5	0.5	0.5	0.5	0.5	0.5
143.5°	0.5	0.5	0.5	0.5	0.5	0.5
144°	0.5	0.5	0.5	0.5	0.5	0.5
144.5°	0.5	0.5	0.5	0.5	0.5	0.5
145°	0.5	0.5	0.5	0.5	0.5	0.5
145.5°	0.5	0.5	0.5	0.5	0.6	0.6
146°	0.6	0.6	0.6	0.6	0.6	0.6
146.5°	0.6	0.6	0.6	0.6	0.6	0.6
147°	0.6	0.6	0.6	0.6	0.6	0.6
147.5°	0.6	0.6	0.6	0.6	0.6	0.6
148°	0.6	0.6	0.6	0.6	0.6	0.6
148.5°	0.6	0.6	0.6	0.6	0.6	0.6
149°	0.6	0.6	0.6	0.6	0.6	0.6
149.5°	0.6	0.6	0.6	0.6	0.6	0.6
150°	0.6	0.6	0.6	0.6	0.7	0.7
150.5°	0.7	0.6	0.7	0.7	0.7	0.7
151°	0.7	0.7	0.7	0.7	0.7	0.7
151.5°	0.7	0.7	0.7	0.7	0.7	0.7
152°	0.7	0.7	0.7	0.7	0.7	0.7
152.5°	0.7	0.7	0.7	0.7	0.7	0.7
153°	0.7	0.7	0.7	0.7	0.7	0.7
153.5°	0.7	0.7	0.7	0.7	0.7	0.7
154°	0.7	0.7	0.7	0.7	0.7	0.7
154.5°	0.7	0.7	0.7	0.7	0.7	0.8
155°	0.7	0.7	0.7	0.7	0.8	0.8
155.5°	0.7	0.7	0.7	0.8	0.8	0.8
156°	0.8	0.7	0.8	0.8	0.8	0.8
156.5°	0.8	0.8	0.8	0.8	0.8	0.8
157°	0.8	0.8	0.8	0.8	0.8	0.8

TEST NUMBER: P1590568

CATALOG NUMBER: HCDLS1525CSD6TRH-ME-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
157.5°	0.8	0.8	0.8	0.8	0.8	0.8
158°	0.8	0.8	0.8	0.8	0.8	0.8
158.5°	0.8	0.8	0.8	0.8	0.8	0.8
159°	0.8	0.8	0.8	0.8	0.8	0.8
159.5°	0.8	0.8	0.8	0.8	0.8	0.8
160°	0.8	0.8	0.8	0.8	0.8	0.8
160.5°	0.8	0.8	0.8	0.8	0.8	0.8
161°	0.8	0.8	0.8	0.8	0.8	0.9
161.5°	0.8	0.8	0.8	0.8	0.9	0.9
162°	0.8	0.8	0.8	0.8	0.9	0.9
162.5°	0.8	0.8	0.8	0.9	0.9	0.9
163°	0.8	0.8	0.8	0.9	0.9	0.9
163.5°	0.8	0.8	0.8	0.9	0.9	0.9
164°	0.8	0.8	0.8	0.9	0.9	0.9
164.5°	0.8	0.8	0.8	0.9	0.9	0.9
165°	0.8	0.8	0.8	0.9	0.9	0.9
165.5°	0.8	0.8	0.8	0.9	0.9	0.9
166°	0.8	0.8	0.8	0.9	0.9	0.9
166.5°	0.8	0.8	0.8	0.9	0.9	0.9
167°	0.8	0.8	0.8	0.9	0.9	0.9
167.5°	0.8	0.8	0.8	0.9	0.9	0.9
168°	0.8	0.8	0.8	0.9	0.9	0.9
168.5°	0.8	0.8	0.8	0.8	0.9	0.9
169°	0.8	0.8	0.8	0.8	0.8	0.9
169.5°	0.8	0.8	0.8	0.8	0.8	0.8
170°	0.8	0.8	0.8	0.8	0.8	0.8
170.5°	0.8	0.8	0.8	0.8	0.8	0.8
171°	0.8	0.8	0.8	0.8	0.8	0.8
171.5°	0.8	0.8	0.8	0.8	0.8	0.8
172°	0.8	0.8	0.8	0.8	0.8	0.8
172.5°	0.8	0.8	0.8	0.8	0.8	0.8
173°	0.8	0.8	0.8	0.8	0.8	0.8
173.5°	0.8	0.8	0.8	0.8	0.8	0.8
174°	0.8	0.8	0.8	0.8	0.8	0.8
174.5°	0.8	0.8	0.8	0.8	0.8	0.8
175°	0.8	0.8	0.8	0.8	0.8	0.8
175.5°	0.8	0.8	0.8	0.8	0.8	0.8
176°	0.8	0.8	0.8	0.8	0.8	0.8
176.5°	0.8	0.8	0.8	0.8	0.8	0.8
177°	0.8	0.8	0.8	0.8	0.8	0.8
177.5°	0.8	0.8	0.8	0.8	0.8	0.8
178°	0.8	0.8	0.8	0.8	0.8	0.8
178.5°	0.8	0.8	0.8	0.8	0.8	0.8
179°	0.8	0.8	0.8	0.8	0.8	0.8
179.5°	0.8	0.9	0.8	0.8	0.8	0.8



TEST NUMBER: P1590568

CATALOG NUMBER: HCDLS1525CSD6TRH-ME-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
180°	0.8	0.8	0.8	0.8	0.8	0.8

TEST NUMBER: P1590568

CATALOG NUMBER: HCDLS1525CSD6TRH-ME-3000K

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	8.7	9.8	9.1	10.1	10.4	8.4	9.5	8.8	9.8	10.2
	3H	8.5	9.5	8.9	9.8	10.2	8.2	9.2	8.6	9.5	9.9
	4H	8.4	9.3	8.8	9.7	10.1	8.1	9.1	8.6	9.4	9.8
	6H	8.3	9.2	8.8	9.5	9.9	8.0	8.9	8.5	9.3	9.6
	8H	8.3	9.1	8.7	9.5	9.9	8.0	8.8	8.4	9.2	9.6
	12H	8.2	9.0	8.7	9.4	9.8	7.9	8.7	8.4	9.1	9.5
4H	2H	8.4	9.3	8.8	9.7	10.1	8.1	9.1	8.6	9.4	9.8
	3H	8.3	9.0	8.7	9.4	9.8	8.0	8.7	8.4	9.1	9.5
	4H	8.2	8.8	8.6	9.2	9.7	7.9	8.5	8.3	8.9	9.4
	6H	8.0	8.6	8.5	9.1	9.5	7.8	8.3	8.2	8.8	9.2
	8H	8.0	8.5	8.5	8.9	9.4	7.7	8.2	8.2	8.7	9.1
	12H	7.9	8.4	8.4	8.9	9.3	7.6	8.1	8.1	8.6	9.0
8H	4H	8.0	8.5	8.5	8.9	9.4	7.7	8.2	8.2	8.7	9.1
	6H	7.9	8.3	8.4	8.8	9.3	7.6	8.0	8.1	8.5	9.0
	8H	7.8	8.2	8.3	8.7	9.2	7.5	7.9	8.0	8.4	8.9
	12H	7.7	8.1	8.2	8.6	9.1	7.4	7.8	8.0	8.3	8.8
12H	4H	7.9	8.4	8.4	8.9	9.3	7.6	8.1	8.1	8.6	9.0
	6H	7.8	8.2	8.3	8.6	9.2	7.5	7.9	8.0	8.3	8.9
	8H	7.7	8.1	8.2	8.6	9.1	7.4	7.8	8.0	8.3	8.8



(END OF REPORT)