

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: P1590570

Luminaire Tested: HCDLS1525CSD6TRH-ME-4000K

Issue Date: 9/4/2026

Test Information

Test Method: LM-79-2019
Report Number: P1590570
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-4000K
Description: 6" Selectable Round Trim+ Haze (Semi-specular) 2000 Lumens 4000K

Light Source:
Ballast/Driver: -

Summary

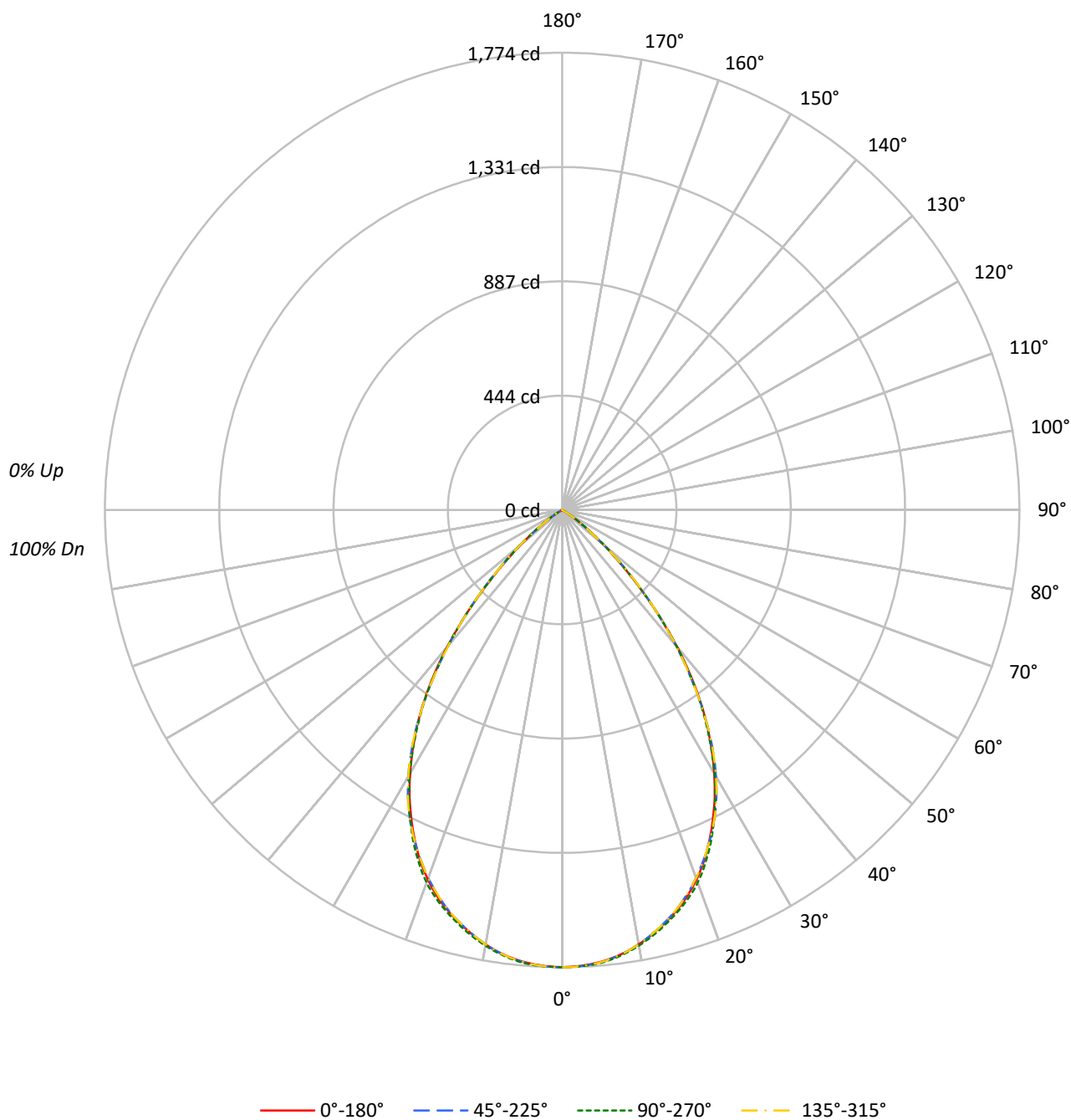
Lumens per Lamp: N/A
Luminaire Lumens: 2255.0 lumens
Efficiency: N/A
Efficacy: 107.9 lumens/watt
Spacing Criteria (0/90/45): 1.05 / 1.05 / 1.06
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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: P1590570

CATALOG NUMBER: HCDLS1525CSD6TRH-ME-4000K

Luminous Intensity Polar Plot



TEST NUMBER: P1590570

CATALOG NUMBER: HCDLS1525CSD6TRH-ME-4000K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					0
RW	70	50	30	10	70	50	30	10		50	30	10			50	30	10			0
RCR																				
0	119	119	119	119	116	116	116	116		111	111	111			106	106	106			102
1	113	110	107	105	110	108	105	103		104	102	100			100	98	97			96
2	107	101	97	93	104	99	95	92		96	93	90			93	90	88			90
3	100	93	88	83	98	92	87	83		89	85	81			87	83	80			84
4	94	86	80	75	92	85	79	75		83	78	74			80	76	73			79
5	89	79	73	68	87	78	72	68		77	71	67			75	70	67			73
6	84	74	67	62	82	73	67	62		71	66	61			70	65	61			68
7	79	68	62	57	77	68	61	57		66	61	56			65	60	56			64
8	74	64	57	52	73	63	57	52		62	56	52			61	56	52			60
9	70	59	53	48	69	59	53	48		58	52	48			57	52	48			56
10	66	56	49	45	65	55	49	45		54	49	45			54	48	45			53

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	97256	97256	97256	97256
5°	96775	97017	96775	97017
10°	95278	95523	95278	95523
15°	92685	93111	92685	93111
20°	88972	89754	88972	89754
25°	82862	83491	82862	83491
30°	74638	74790	74638	74790
35°	64019	63677	64019	63677
40°	49600	49579	49600	49579
45°	32879	32972	32879	32972
50°	17816	18251	17816	18251
55°	7292	7226	7292	7226
60°	811	680	811	680
65°	117	91	117	91
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: 33399 cd/sqm

TEST NUMBER: P1590570

CATALOG NUMBER: HCDLS1525CSD6TRH-ME-4000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	166.5	7.4
10°-20°	458.9	20.4
20°-30°	629.2	27.9
30°-40°	590.1	26.2
40°-50°	332.0	14.7
50°-60°	75.6	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°	1254.6	55.6
0°-40°	1844.7	81.8
0°-60°	2252.3	99.9
0°-90°	2253.6	99.9
90°-120°	0.0	0.0
90°-150°	0.7	0.0
90°-180°	1.0	0.0
0°-180°	2255.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1774	1774	1774	1774	1774	
5°	1759	1763	1759	1763	1759	166
15°	1633	1641	1633	1641	1633	459
25°	1370	1380	1370	1380	1370	627
35°	957	952	957	952	957	590
45°	424	425	424	425	424	330
55°	76	76	76	76	76	76
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°	1	0	1	0	1	0
155°	1	1	1	1	1	0
165°	1	1	1	1	1	0
175°	1	1	1	1	1	0
180°	1	1	1	1	1	

TEST NUMBER: P1590570

CATALOG NUMBER: HCDLS1525CSD6TRH-ME-4000K

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	1774.1	1774.1	1774.1	1774.1	1774.1	1774.1	1774.1	1774.1	1774.1	1774.1	1774.1
0.5°	1773.3	1773.6	1774.4	1774.3	1773.8	1774.3	1774.4	1773.6	1773.3	1773.6	1774.4
1°	1772.9	1773.1	1774.0	1774.0	1773.4	1774.0	1774.0	1773.1	1772.9	1773.1	1774.0
1.5°	1772.0	1772.4	1773.3	1773.4	1773.0	1773.4	1773.3	1772.4	1772.0	1772.4	1773.3
2°	1770.9	1771.4	1772.5	1772.7	1772.5	1772.7	1772.5	1771.4	1770.9	1771.4	1772.5
2.5°	1769.6	1770.1	1771.1	1771.6	1771.6	1771.6	1771.1	1770.1	1769.6	1770.1	1771.1
3°	1768.0	1768.5	1769.6	1770.2	1770.7	1770.2	1769.6	1768.5	1768.0	1768.5	1769.6
3.5°	1766.0	1766.6	1767.7	1768.6	1769.2	1768.6	1767.7	1766.6	1766.0	1766.6	1767.7
4°	1763.8	1764.5	1765.5	1766.6	1767.6	1766.6	1765.5	1764.5	1763.8	1764.5	1765.5
4.5°	1761.5	1762.0	1763.2	1764.2	1765.4	1764.2	1763.2	1762.0	1761.5	1762.0	1763.2
5°	1758.6	1759.2	1760.4	1761.5	1763.0	1761.5	1760.4	1759.2	1758.6	1759.2	1760.4
5.5°	1755.6	1756.1	1757.0	1758.2	1760.0	1758.2	1757.0	1756.1	1755.6	1756.1	1757.0
6°	1752.1	1752.9	1753.4	1754.4	1756.5	1754.4	1753.4	1752.9	1752.1	1752.9	1753.4
6.5°	1748.2	1749.3	1749.4	1750.3	1752.6	1750.3	1749.4	1749.3	1748.2	1749.3	1749.4
7°	1744.3	1745.1	1744.9	1745.9	1748.3	1745.9	1744.9	1745.1	1744.3	1745.1	1744.9
7.5°	1739.8	1740.9	1740.3	1741.0	1743.5	1741.0	1740.3	1740.9	1739.8	1740.9	1740.3
8°	1734.9	1736.0	1735.3	1735.9	1738.7	1735.9	1735.3	1736.0	1734.9	1736.0	1735.3
8.5°	1729.6	1730.9	1729.9	1730.5	1733.4	1730.5	1729.9	1730.9	1729.6	1730.9	1729.9
9°	1724.0	1725.3	1724.1	1724.9	1727.8	1724.9	1724.1	1725.3	1724.0	1725.3	1724.1
9.5°	1717.8	1719.3	1717.9	1719.0	1722.2	1719.0	1717.9	1719.3	1717.8	1719.3	1717.9
10°	1711.6	1713.0	1711.2	1712.8	1716.0	1712.8	1711.2	1713.0	1711.6	1713.0	1711.2
10.5°	1704.8	1705.9	1704.2	1706.6	1709.6	1706.6	1704.2	1705.9	1704.8	1705.9	1704.2
11°	1697.7	1698.7	1697.0	1699.9	1703.0	1699.9	1697.0	1698.7	1697.7	1698.7	1697.0
11.5°	1690.5	1691.2	1689.5	1693.1	1696.1	1693.1	1689.5	1691.2	1690.5	1691.2	1689.5
12°	1683.0	1683.3	1681.7	1686.1	1688.8	1686.1	1681.7	1683.3	1683.0	1683.3	1681.7
12.5°	1675.0	1675.0	1673.6	1678.7	1681.2	1678.7	1673.6	1675.0	1675.0	1675.0	1673.6
13°	1667.1	1666.7	1665.3	1671.2	1673.8	1671.2	1665.3	1666.7	1667.1	1666.7	1665.3
13.5°	1658.9	1657.9	1656.9	1663.6	1665.9	1663.6	1656.9	1657.9	1658.9	1657.9	1656.9
14°	1650.6	1649.2	1648.2	1655.3	1657.6	1655.3	1648.2	1649.2	1650.6	1649.2	1648.2
14.5°	1642.1	1639.8	1639.3	1646.7	1649.3	1646.7	1639.3	1639.8	1642.1	1639.8	1639.3
15°	1633.1	1630.6	1630.1	1637.9	1640.6	1637.9	1630.1	1630.6	1633.1	1630.6	1630.1
15.5°	1623.9	1620.9	1620.8	1629.0	1631.9	1629.0	1620.8	1620.9	1623.9	1620.9	1620.8
16°	1614.6	1611.3	1611.2	1619.2	1622.7	1619.2	1611.2	1611.3	1614.6	1611.3	1611.2
16.5°	1605.2	1600.7	1600.9	1609.1	1613.6	1609.1	1600.9	1600.7	1605.2	1600.7	1600.9
17°	1595.5	1590.3	1590.2	1598.8	1604.1	1598.8	1590.2	1590.3	1595.5	1590.3	1590.2
17.5°	1584.8	1579.8	1579.3	1587.8	1594.3	1587.8	1579.3	1579.8	1584.8	1579.8	1579.3
18°	1573.8	1568.8	1568.1	1576.6	1584.0	1576.6	1568.1	1568.8	1573.8	1568.8	1568.1
18.5°	1562.2	1557.2	1556.4	1565.3	1573.2	1565.3	1556.4	1557.2	1562.2	1557.2	1556.4
19°	1550.4	1545.5	1544.2	1553.9	1562.2	1553.9	1544.2	1545.5	1550.4	1545.5	1544.2
19.5°	1537.9	1533.2	1531.7	1542.0	1550.9	1542.0	1531.7	1533.2	1537.9	1533.2	1531.7
20°	1525.1	1520.6	1519.1	1529.4	1538.5	1529.4	1519.1	1520.6	1525.1	1520.6	1519.1
20.5°	1511.6	1507.6	1506.1	1516.4	1525.0	1516.4	1506.1	1507.6	1511.6	1507.6	1506.1
21°	1498.0	1494.1	1492.5	1502.7	1511.2	1502.7	1492.5	1494.1	1498.0	1494.1	1492.5
21.5°	1483.7	1480.1	1478.5	1488.7	1496.6	1488.7	1478.5	1480.1	1483.7	1480.1	1478.5
22°	1468.7	1465.8	1464.4	1474.0	1481.3	1474.0	1464.4	1465.8	1468.7	1465.8	1464.4

TEST NUMBER: P1590570

CATALOG NUMBER: HCDLS1525CSD6TRH-ME-4000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
22.5°	1453.2	1450.8	1450.4	1459.3	1465.4	1459.3	1450.4	1450.8	1453.2	1450.8	1450.4
23°	1437.3	1435.9	1435.9	1444.1	1449.3	1444.1	1435.9	1435.9	1437.3	1435.9	1435.9
23.5°	1421.1	1420.4	1421.3	1428.4	1432.7	1428.4	1421.3	1420.4	1421.1	1420.4	1421.3
24°	1404.2	1405.0	1406.7	1412.6	1415.6	1412.6	1406.7	1405.0	1404.2	1405.0	1406.7
24.5°	1387.2	1389.1	1391.5	1396.4	1398.0	1396.4	1391.5	1389.1	1387.2	1389.1	1391.5
25°	1369.9	1372.8	1375.9	1379.8	1380.3	1379.8	1375.9	1372.8	1369.9	1372.8	1375.9
25.5°	1352.3	1356.4	1360.1	1362.8	1361.8	1362.8	1360.1	1356.4	1352.3	1356.4	1360.1
26°	1334.5	1339.6	1343.8	1345.3	1343.1	1345.3	1343.8	1339.6	1334.5	1339.6	1343.8
26.5°	1316.2	1322.5	1326.9	1327.7	1323.8	1327.7	1326.9	1322.5	1316.2	1322.5	1326.9
27°	1297.7	1304.8	1309.6	1309.6	1304.5	1309.6	1309.6	1304.8	1297.7	1304.8	1309.6
27.5°	1279.1	1286.6	1291.8	1291.1	1285.0	1291.1	1291.8	1286.6	1279.1	1286.6	1291.8
28°	1260.2	1268.0	1273.4	1271.9	1264.6	1271.9	1273.4	1268.0	1260.2	1268.0	1273.4
28.5°	1240.2	1249.0	1254.5	1252.4	1244.5	1252.4	1254.5	1249.0	1240.2	1249.0	1254.5
29°	1220.4	1229.5	1235.0	1232.3	1224.0	1232.3	1235.0	1229.5	1220.4	1229.5	1235.0
29.5°	1199.9	1209.4	1215.1	1211.9	1203.3	1211.9	1215.1	1209.4	1199.9	1209.4	1215.1
30°	1179.1	1188.7	1194.2	1190.6	1181.5	1190.6	1194.2	1188.7	1179.1	1188.7	1194.2
30.5°	1158.4	1167.8	1172.8	1168.8	1159.9	1168.8	1172.8	1167.8	1158.4	1167.8	1172.8
31°	1137.0	1146.3	1150.9	1146.4	1137.3	1146.4	1150.9	1146.3	1137.0	1146.3	1150.9
31.5°	1115.5	1124.3	1128.2	1123.9	1114.8	1123.9	1128.2	1124.3	1115.5	1124.3	1128.2
32°	1093.4	1101.5	1104.7	1100.8	1092.2	1100.8	1104.7	1101.5	1093.4	1101.5	1104.7
32.5°	1071.5	1079.0	1081.1	1077.4	1069.2	1077.4	1081.1	1079.0	1071.5	1079.0	1081.1
33°	1049.0	1055.1	1056.7	1053.6	1046.0	1053.6	1056.7	1055.1	1049.0	1055.1	1056.7
33.5°	1027.1	1031.5	1032.3	1029.3	1022.5	1029.3	1032.3	1031.5	1027.1	1031.5	1032.3
34°	1003.5	1007.1	1006.7	1005.0	999.2	1005.0	1006.7	1007.1	1003.5	1007.1	1006.7
34.5°	980.3	982.7	981.4	979.7	975.5	979.7	981.4	982.7	980.3	982.7	981.4
35°	956.6	957.1	955.1	954.6	951.5	954.6	955.1	957.1	956.6	957.1	955.1
35.5°	932.4	931.7	928.7	929.0	927.6	929.0	928.7	931.7	932.4	931.7	928.7
36°	907.1	905.9	901.8	903.2	903.2	903.2	901.8	905.9	907.1	905.9	901.8
36.5°	882.1	879.9	875.1	877.3	878.7	877.3	875.1	879.9	882.1	879.9	875.1
37°	856.4	853.3	847.6	851.4	853.2	851.4	847.6	853.3	856.4	853.3	847.6
37.5°	830.1	826.6	820.4	825.2	827.0	825.2	820.4	826.6	830.1	826.6	820.4
38°	803.3	799.7	793.5	798.6	799.4	798.6	793.5	799.7	803.3	799.7	793.5
38.5°	776.7	772.9	766.5	771.7	772.5	771.7	766.5	772.9	776.7	772.9	766.5
39°	749.4	744.6	739.7	744.7	745.9	744.7	739.7	744.6	749.4	744.6	739.7
39.5°	721.1	717.3	713.2	717.9	719.2	717.9	713.2	717.3	721.1	717.3	713.2
40°	693.1	690.6	686.6	690.6	692.8	690.6	686.6	690.6	693.1	690.6	686.6
40.5°	665.4	663.9	660.3	663.5	666.1	663.5	660.3	663.9	665.4	663.9	660.3
41°	637.3	637.2	633.6	636.2	638.6	636.2	633.6	637.2	637.3	637.2	633.6
41.5°	609.5	610.3	606.8	609.4	611.2	609.4	606.8	610.3	609.5	610.3	606.8
42°	581.9	583.1	580.7	582.7	583.8	582.7	580.7	583.1	581.9	583.1	580.7
42.5°	554.7	556.2	554.9	556.9	556.6	556.9	554.9	556.2	554.7	556.2	554.9
43°	527.9	529.2	529.5	531.1	529.2	531.1	529.5	529.2	527.9	529.2	529.5
43.5°	501.4	502.9	504.1	505.3	502.2	505.3	504.1	502.9	501.4	502.9	504.1
44°	475.4	476.4	478.9	480.1	475.9	480.1	478.9	476.4	475.4	476.4	478.9
44.5°	449.4	451.2	454.5	455.7	450.5	455.7	454.5	451.2	449.4	451.2	454.5

TEST NUMBER: P1590570

CATALOG NUMBER: HCDLS1525CSD6TRH-ME-4000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	424.1	426.2	430.6	430.8	425.3	430.8	430.6	426.2	424.1	426.2	430.6
45.5°	399.1	401.9	406.7	406.3	400.9	406.3	406.7	401.9	399.1	401.9	406.7
46°	374.6	378.1	382.8	382.6	377.0	382.6	382.8	378.1	374.6	378.1	382.8
46.5°	350.9	354.9	359.5	359.4	353.9	359.4	359.5	354.9	350.9	354.9	359.5
47°	327.9	332.2	336.6	336.7	331.6	336.7	336.6	332.2	327.9	332.2	336.6
47.5°	305.7	310.0	314.1	314.7	310.0	314.7	314.1	310.0	305.7	310.0	314.1
48°	284.1	288.5	292.2	292.9	289.0	292.9	292.2	288.5	284.1	288.5	292.2
48.5°	263.7	267.7	270.8	272.3	268.9	272.3	270.8	267.7	263.7	267.7	270.8
49°	244.4	247.7	250.1	252.1	249.4	252.1	250.1	247.7	244.4	247.7	250.1
49.5°	226.4	229.0	230.9	232.9	231.2	232.9	230.9	229.0	226.4	229.0	230.9
50°	208.9	210.9	212.4	214.8	214.0	214.8	212.4	210.9	208.9	210.9	212.4
50.5°	191.7	193.0	194.3	197.0	197.2	197.0	194.3	193.0	191.7	193.0	194.3
51°	175.1	175.8	176.5	179.6	180.6	179.6	176.5	175.8	175.1	175.8	176.5
51.5°	160.4	159.5	159.4	163.4	164.6	163.4	159.4	159.5	160.4	159.5	159.4
52°	146.0	144.8	143.7	147.7	148.9	147.7	143.7	144.8	146.0	144.8	143.7
52.5°	132.7	130.8	129.2	133.4	134.6	133.4	129.2	130.8	132.7	130.8	129.2
53°	120.1	117.9	115.9	120.2	121.4	120.2	115.9	117.9	120.1	117.9	115.9
53.5°	108.2	105.8	103.8	107.8	108.6	107.8	103.8	105.8	108.2	105.8	103.8
54°	96.8	94.7	92.7	96.2	96.8	96.2	92.7	94.7	96.8	94.7	92.7
54.5°	86.3	84.2	82.5	85.3	85.8	85.3	82.5	84.2	86.3	84.2	82.5
55°	76.3	74.6	73.0	75.2	75.6	75.2	73.0	74.6	76.3	74.6	73.0
55.5°	66.9	65.6	64.6	65.8	65.9	65.8	64.6	65.6	66.9	65.6	64.6
56°	58.7	57.7	56.5	57.5	57.5	57.5	56.5	57.7	58.7	57.7	56.5
56.5°	50.8	50.3	49.0	49.5	49.6	49.5	49.0	50.3	50.8	50.3	49.0
57°	43.5	43.1	41.7	42.0	42.3	42.0	41.7	43.1	43.5	43.1	41.7
57.5°	36.2	36.1	34.6	34.6	34.9	34.6	34.6	36.1	36.2	36.1	34.6
58°	28.9	29.0	27.9	27.8	27.6	27.8	27.9	29.0	28.9	29.0	27.9
58.5°	22.4	22.6	21.1	21.2	21.1	21.2	21.1	22.6	22.4	22.6	21.1
59°	15.8	16.3	14.5	14.6	14.6	14.6	14.5	16.3	15.8	16.3	14.5
59.5°	11.1	11.0	9.2	9.2	9.8	9.2	9.2	11.0	11.1	11.0	9.2
60°	7.4	7.3	6.1	5.6	6.2	5.6	6.1	7.3	7.4	7.3	6.1
60.5°	4.7	5.2	4.1	3.8	5.0	3.8	4.1	5.2	4.7	5.2	4.1
61°	3.9	4.2	3.2	3.0	4.0	3.0	3.2	4.2	3.9	4.2	3.2
61.5°	3.1	3.4	2.4	2.4	3.1	2.4	2.4	3.4	3.1	3.4	2.4
62°	2.4	2.5	1.9	1.8	2.2	1.8	1.9	2.5	2.4	2.5	1.9
62.5°	1.8	2.0	1.5	1.3	1.3	1.3	1.5	2.0	1.8	2.0	1.5
63°	1.5	1.5	1.3	1.1	1.1	1.1	1.3	1.5	1.5	1.5	1.3
63.5°	1.3	1.3	1.1	1.0	1.0	1.0	1.1	1.3	1.3	1.3	1.1
64°	1.2	1.1	1.0	0.9	0.8	0.9	1.0	1.1	1.2	1.1	1.0
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	0.9	0.7	0.7	0.7	0.7	0.7	0.9	0.9	0.9	0.7
65.5°	0.8	0.8	0.7	0.6	0.6	0.6	0.7	0.8	0.8	0.8	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: P1590570

CATALOG NUMBER: HCDLS1525CSD6TRH-ME-4000K

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	0.4	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°	0.4	0.3	0.3	0.2	0.2	0.2	0.3	0.3	0.4	0.3	0.3
69.5°	0.3	0.3	0.3	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3
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	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	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: P1590570

CATALOG NUMBER: HCDLS1525CSD6TRH-ME-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: P1590570

CATALOG NUMBER: HCDLS1525CSD6TRH-ME-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°	0.0	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	0.1	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°	0.2	0.2	0.1	0.2	0.1	0.2	0.1	0.2	0.2	0.2	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	0.3	0.3	0.3	0.2	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°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3

TEST NUMBER: P1590570

CATALOG NUMBER: HCDLS1525CSD6TRH-ME-4000K

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°	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.3
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°	0.4	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	0.5	0.5	0.5	0.4	0.5	0.5	0.5	0.5	0.5	0.5
141.5°	0.5	0.5	0.5	0.5	0.5	0.5	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°	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.5	0.5
145.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
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°	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.6
150°	0.7	0.7	0.7	0.7	0.6	0.7	0.7	0.7	0.7	0.7	0.7
150.5°	0.7	0.7	0.7	0.7	0.7	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°	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.7	0.7
154.5°	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.7
155°	0.8	0.8	0.8	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8
155.5°	0.8	0.8	0.8	0.8	0.7	0.8	0.8	0.8	0.8	0.8	0.8
156°	0.8	0.8	0.8	0.8	0.8	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: P1590570

CATALOG NUMBER: HCDLS1525CSD6TRH-ME-4000K

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°	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.8
160.5°	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.8
161°	0.9	0.9	0.9	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9
161.5°	0.9	0.9	0.9	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9
162°	0.9	0.9	0.9	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9
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	0.9	0.8	0.9	0.9	0.9	0.9	0.9	0.9
163.5°	0.9	0.9	0.9	0.9	0.8	0.9	0.9	0.9	0.9	0.9	0.9
164°	0.9	0.9	0.9	0.9	0.8	0.9	0.9	0.9	0.9	0.9	0.9
164.5°	0.9	0.9	0.9	0.9	0.8	0.9	0.9	0.9	0.9	0.9	0.9
165°	0.9	0.9	0.9	0.9	0.8	0.9	0.9	0.9	0.9	0.9	0.9
165.5°	0.9	0.9	0.9	0.9	0.8	0.9	0.9	0.9	0.9	0.9	0.9
166°	0.9	0.9	0.9	0.9	0.8	0.9	0.9	0.9	0.9	0.9	0.9
166.5°	0.9	0.9	0.9	0.9	0.8	0.9	0.9	0.9	0.9	0.9	0.9
167°	0.9	0.9	0.9	0.9	0.8	0.9	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	0.9	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9
169°	0.9	0.9	0.9	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9
169.5°	0.9	0.9	0.9	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9
170°	0.9	0.9	0.9	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9
170.5°	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	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	0.9	0.8	0.8	0.8	0.8	0.8	0.8
179°	0.8	0.8	0.9	0.8	0.9	0.8	0.9	0.8	0.8	0.8	0.9
179.5°	0.8	0.8	0.9	0.8	0.9	0.8	0.9	0.8	0.8	0.8	0.9



TEST NUMBER: P1590570

CATALOG NUMBER: HCDLS1525CSD6TRH-ME-4000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
180°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9

TEST NUMBER: P1590570

CATALOG NUMBER: HCDLS1525CSD6TRH-ME-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	1774.1	1774.1	1774.1	1774.1	1774.1	1774.1
0.5°	1774.3	1773.8	1774.3	1774.4	1773.6	1773.3
1°	1774.0	1773.4	1774.0	1774.0	1773.1	1772.9
1.5°	1773.4	1773.0	1773.4	1773.3	1772.4	1772.0
2°	1772.7	1772.5	1772.7	1772.5	1771.4	1770.9
2.5°	1771.6	1771.6	1771.6	1771.1	1770.1	1769.6
3°	1770.2	1770.7	1770.2	1769.6	1768.5	1768.0
3.5°	1768.6	1769.2	1768.6	1767.7	1766.6	1766.0
4°	1766.6	1767.6	1766.6	1765.5	1764.5	1763.8
4.5°	1764.2	1765.4	1764.2	1763.2	1762.0	1761.5
5°	1761.5	1763.0	1761.5	1760.4	1759.2	1758.6
5.5°	1758.2	1760.0	1758.2	1757.0	1756.1	1755.6
6°	1754.4	1756.5	1754.4	1753.4	1752.9	1752.1
6.5°	1750.3	1752.6	1750.3	1749.4	1749.3	1748.2
7°	1745.9	1748.3	1745.9	1744.9	1745.1	1744.3
7.5°	1741.0	1743.5	1741.0	1740.3	1740.9	1739.8
8°	1735.9	1738.7	1735.9	1735.3	1736.0	1734.9
8.5°	1730.5	1733.4	1730.5	1729.9	1730.9	1729.6
9°	1724.9	1727.8	1724.9	1724.1	1725.3	1724.0
9.5°	1719.0	1722.2	1719.0	1717.9	1719.3	1717.8
10°	1712.8	1716.0	1712.8	1711.2	1713.0	1711.6
10.5°	1706.6	1709.6	1706.6	1704.2	1705.9	1704.8
11°	1699.9	1703.0	1699.9	1697.0	1698.7	1697.7
11.5°	1693.1	1696.1	1693.1	1689.5	1691.2	1690.5
12°	1686.1	1688.8	1686.1	1681.7	1683.3	1683.0
12.5°	1678.7	1681.2	1678.7	1673.6	1675.0	1675.0
13°	1671.2	1673.8	1671.2	1665.3	1666.7	1667.1
13.5°	1663.6	1665.9	1663.6	1656.9	1657.9	1658.9
14°	1655.3	1657.6	1655.3	1648.2	1649.2	1650.6
14.5°	1646.7	1649.3	1646.7	1639.3	1639.8	1642.1
15°	1637.9	1640.6	1637.9	1630.1	1630.6	1633.1
15.5°	1629.0	1631.9	1629.0	1620.8	1620.9	1623.9
16°	1619.2	1622.7	1619.2	1611.2	1611.3	1614.6
16.5°	1609.1	1613.6	1609.1	1600.9	1600.7	1605.2
17°	1598.8	1604.1	1598.8	1590.2	1590.3	1595.5
17.5°	1587.8	1594.3	1587.8	1579.3	1579.8	1584.8
18°	1576.6	1584.0	1576.6	1568.1	1568.8	1573.8
18.5°	1565.3	1573.2	1565.3	1556.4	1557.2	1562.2
19°	1553.9	1562.2	1553.9	1544.2	1545.5	1550.4
19.5°	1542.0	1550.9	1542.0	1531.7	1533.2	1537.9
20°	1529.4	1538.5	1529.4	1519.1	1520.6	1525.1
20.5°	1516.4	1525.0	1516.4	1506.1	1507.6	1511.6
21°	1502.7	1511.2	1502.7	1492.5	1494.1	1498.0
21.5°	1488.7	1496.6	1488.7	1478.5	1480.1	1483.7
22°	1474.0	1481.3	1474.0	1464.4	1465.8	1468.7

TEST NUMBER: P1590570

CATALOG NUMBER: HCDLS1525CSD6TRH-ME-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	1459.3	1465.4	1459.3	1450.4	1450.8	1453.2
23°	1444.1	1449.3	1444.1	1435.9	1435.9	1437.3
23.5°	1428.4	1432.7	1428.4	1421.3	1420.4	1421.1
24°	1412.6	1415.6	1412.6	1406.7	1405.0	1404.2
24.5°	1396.4	1398.0	1396.4	1391.5	1389.1	1387.2
25°	1379.8	1380.3	1379.8	1375.9	1372.8	1369.9
25.5°	1362.8	1361.8	1362.8	1360.1	1356.4	1352.3
26°	1345.3	1343.1	1345.3	1343.8	1339.6	1334.5
26.5°	1327.7	1323.8	1327.7	1326.9	1322.5	1316.2
27°	1309.6	1304.5	1309.6	1309.6	1304.8	1297.7
27.5°	1291.1	1285.0	1291.1	1291.8	1286.6	1279.1
28°	1271.9	1264.6	1271.9	1273.4	1268.0	1260.2
28.5°	1252.4	1244.5	1252.4	1254.5	1249.0	1240.2
29°	1232.3	1224.0	1232.3	1235.0	1229.5	1220.4
29.5°	1211.9	1203.3	1211.9	1215.1	1209.4	1199.9
30°	1190.6	1181.5	1190.6	1194.2	1188.7	1179.1
30.5°	1168.8	1159.9	1168.8	1172.8	1167.8	1158.4
31°	1146.4	1137.3	1146.4	1150.9	1146.3	1137.0
31.5°	1123.9	1114.8	1123.9	1128.2	1124.3	1115.5
32°	1100.8	1092.2	1100.8	1104.7	1101.5	1093.4
32.5°	1077.4	1069.2	1077.4	1081.1	1079.0	1071.5
33°	1053.6	1046.0	1053.6	1056.7	1055.1	1049.0
33.5°	1029.3	1022.5	1029.3	1032.3	1031.5	1027.1
34°	1005.0	999.2	1005.0	1006.7	1007.1	1003.5
34.5°	979.7	975.5	979.7	981.4	982.7	980.3
35°	954.6	951.5	954.6	955.1	957.1	956.6
35.5°	929.0	927.6	929.0	928.7	931.7	932.4
36°	903.2	903.2	903.2	901.8	905.9	907.1
36.5°	877.3	878.7	877.3	875.1	879.9	882.1
37°	851.4	853.2	851.4	847.6	853.3	856.4
37.5°	825.2	827.0	825.2	820.4	826.6	830.1
38°	798.6	799.4	798.6	793.5	799.7	803.3
38.5°	771.7	772.5	771.7	766.5	772.9	776.7
39°	744.7	745.9	744.7	739.7	744.6	749.4
39.5°	717.9	719.2	717.9	713.2	717.3	721.1
40°	690.6	692.8	690.6	686.6	690.6	693.1
40.5°	663.5	666.1	663.5	660.3	663.9	665.4
41°	636.2	638.6	636.2	633.6	637.2	637.3
41.5°	609.4	611.2	609.4	606.8	610.3	609.5
42°	582.7	583.8	582.7	580.7	583.1	581.9
42.5°	556.9	556.6	556.9	554.9	556.2	554.7
43°	531.1	529.2	531.1	529.5	529.2	527.9
43.5°	505.3	502.2	505.3	504.1	502.9	501.4
44°	480.1	475.9	480.1	478.9	476.4	475.4
44.5°	455.7	450.5	455.7	454.5	451.2	449.4

TEST NUMBER: P1590570

CATALOG NUMBER: HCDLS1525CSD6TRH-ME-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	430.8	425.3	430.8	430.6	426.2	424.1
45.5°	406.3	400.9	406.3	406.7	401.9	399.1
46°	382.6	377.0	382.6	382.8	378.1	374.6
46.5°	359.4	353.9	359.4	359.5	354.9	350.9
47°	336.7	331.6	336.7	336.6	332.2	327.9
47.5°	314.7	310.0	314.7	314.1	310.0	305.7
48°	292.9	289.0	292.9	292.2	288.5	284.1
48.5°	272.3	268.9	272.3	270.8	267.7	263.7
49°	252.1	249.4	252.1	250.1	247.7	244.4
49.5°	232.9	231.2	232.9	230.9	229.0	226.4
50°	214.8	214.0	214.8	212.4	210.9	208.9
50.5°	197.0	197.2	197.0	194.3	193.0	191.7
51°	179.6	180.6	179.6	176.5	175.8	175.1
51.5°	163.4	164.6	163.4	159.4	159.5	160.4
52°	147.7	148.9	147.7	143.7	144.8	146.0
52.5°	133.4	134.6	133.4	129.2	130.8	132.7
53°	120.2	121.4	120.2	115.9	117.9	120.1
53.5°	107.8	108.6	107.8	103.8	105.8	108.2
54°	96.2	96.8	96.2	92.7	94.7	96.8
54.5°	85.3	85.8	85.3	82.5	84.2	86.3
55°	75.2	75.6	75.2	73.0	74.6	76.3
55.5°	65.8	65.9	65.8	64.6	65.6	66.9
56°	57.5	57.5	57.5	56.5	57.7	58.7
56.5°	49.5	49.6	49.5	49.0	50.3	50.8
57°	42.0	42.3	42.0	41.7	43.1	43.5
57.5°	34.6	34.9	34.6	34.6	36.1	36.2
58°	27.8	27.6	27.8	27.9	29.0	28.9
58.5°	21.2	21.1	21.2	21.1	22.6	22.4
59°	14.6	14.6	14.6	14.5	16.3	15.8
59.5°	9.2	9.8	9.2	9.2	11.0	11.1
60°	5.6	6.2	5.6	6.1	7.3	7.4
60.5°	3.8	5.0	3.8	4.1	5.2	4.7
61°	3.0	4.0	3.0	3.2	4.2	3.9
61.5°	2.4	3.1	2.4	2.4	3.4	3.1
62°	1.8	2.2	1.8	1.9	2.5	2.4
62.5°	1.3	1.3	1.3	1.5	2.0	1.8
63°	1.1	1.1	1.1	1.3	1.5	1.5
63.5°	1.0	1.0	1.0	1.1	1.3	1.3
64°	0.9	0.8	0.9	1.0	1.1	1.2
64.5°	0.8	0.7	0.8	0.8	1.0	1.0
65°	0.7	0.7	0.7	0.7	0.9	0.9
65.5°	0.6	0.6	0.6	0.7	0.8	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: P1590570

CATALOG NUMBER: HCDLS1525CSD6TRH-ME-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	0.4	0.4	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	0.4
69.5°	0.2	0.2	0.2	0.3	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	0.2	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: P1590570

CATALOG NUMBER: HCDLS1525CSD6TRH-ME-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: P1590570

CATALOG NUMBER: HCDLS1525CSD6TRH-ME-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°	0.0	0.0	0.0	0.0	0.0	0.0
120.5°	0.1	0.1	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°	0.2	0.1	0.2	0.1	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°	0.2	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°	0.3	0.2	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°	0.3	0.3	0.3	0.3	0.3	0.3

TEST NUMBER: P1590570

CATALOG NUMBER: HCDLS1525CSD6TRH-ME-4000K

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	0.4
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	0.4
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°	0.5	0.4	0.5	0.5	0.5	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	0.6
145.5°	0.6	0.6	0.6	0.6	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	0.7	0.7
150°	0.7	0.6	0.7	0.7	0.7	0.7
150.5°	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
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	0.8
154.5°	0.7	0.7	0.7	0.7	0.8	0.8
155°	0.7	0.7	0.7	0.8	0.8	0.8
155.5°	0.8	0.7	0.8	0.8	0.8	0.8
156°	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
157°	0.8	0.8	0.8	0.8	0.8	0.8

TEST NUMBER: P1590570

CATALOG NUMBER: HCDLS1525CSD6TRH-ME-4000K

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	0.9	0.9
160.5°	0.8	0.8	0.8	0.8	0.9	0.9
161°	0.8	0.8	0.8	0.9	0.9	0.9
161.5°	0.8	0.8	0.8	0.9	0.9	0.9
162°	0.8	0.8	0.8	0.9	0.9	0.9
162.5°	0.8	0.8	0.8	0.9	0.9	0.9
163°	0.9	0.8	0.9	0.9	0.9	0.9
163.5°	0.9	0.8	0.9	0.9	0.9	0.9
164°	0.9	0.8	0.9	0.9	0.9	0.9
164.5°	0.9	0.8	0.9	0.9	0.9	0.9
165°	0.9	0.8	0.9	0.9	0.9	0.9
165.5°	0.9	0.8	0.9	0.9	0.9	0.9
166°	0.9	0.8	0.9	0.9	0.9	0.9
166.5°	0.9	0.8	0.9	0.9	0.9	0.9
167°	0.9	0.8	0.9	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	0.9	0.9	0.9
169°	0.8	0.8	0.8	0.9	0.9	0.9
169.5°	0.8	0.8	0.8	0.9	0.9	0.9
170°	0.8	0.8	0.8	0.9	0.9	0.9
170.5°	0.8	0.8	0.8	0.8	0.8	0.9
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	0.9	0.8	0.8	0.8	0.8
179°	0.8	0.9	0.8	0.9	0.8	0.8
179.5°	0.8	0.9	0.8	0.9	0.8	0.8



TEST NUMBER: P1590570

CATALOG NUMBER: HCDLS1525CSD6TRH-ME-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
180°	0.9	0.9	0.9	0.9	0.9	0.9

TEST NUMBER: P1590570

CATALOG NUMBER: HCDLS1525CSD6TRH-ME-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	8.8	9.9	9.1	10.2	10.5	8.5	9.6	8.8	9.9	10.2
	3H	8.6	9.6	9.0	9.9	10.3	8.3	9.3	8.7	9.6	10.0
	4H	8.5	9.4	8.9	9.8	10.1	8.2	9.1	8.6	9.5	9.8
	6H	8.4	9.2	8.8	9.6	10.0	8.1	8.9	8.5	9.3	9.7
	8H	8.3	9.1	8.8	9.5	9.9	8.1	8.8	8.5	9.2	9.6
	12H	8.3	9.0	8.7	9.4	9.8	8.0	8.7	8.4	9.1	9.6
4H	2H	8.5	9.4	8.9	9.8	10.1	8.2	9.1	8.6	9.5	9.8
	3H	8.3	9.0	8.7	9.5	9.9	8.0	8.8	8.4	9.2	9.6
	4H	8.2	8.9	8.6	9.3	9.7	7.9	8.6	8.4	9.0	9.4
	6H	8.1	8.7	8.6	9.1	9.6	7.8	8.4	8.3	8.8	9.3
	8H	8.0	8.6	8.5	9.0	9.5	7.7	8.3	8.2	8.7	9.2
	12H	8.0	8.4	8.5	8.9	9.4	7.7	8.1	8.2	8.6	9.1
8H	4H	8.0	8.6	8.5	9.0	9.5	7.7	8.3	8.2	8.7	9.2
	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	8.4	8.7	9.2	7.5	7.9	8.1	8.4	8.9
	12H	7.8	8.1	8.3	8.6	9.2	7.5	7.8	8.0	8.3	8.9
12H	4H	8.0	8.4	8.5	8.9	9.4	7.7	8.1	8.2	8.6	9.1
	6H	7.8	8.2	8.4	8.7	9.2	7.6	7.9	8.1	8.4	8.9
	8H	7.8	8.1	8.3	8.6	9.2	7.5	7.8	8.0	8.3	8.9

(END OF REPORT)