

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: P1590585

Luminaire Tested: HCDLS1525CSD6TRMW-ME-4000K

Issue Date: 9/4/2026

Test Information

Test Method: LM-79-2019
Report Number: P1590585
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (A2603928B003)
Test Lab: INNOVATION CENTER
Issue Date: 9/4/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: HALO
Catalog Number: HCDLS1525CSD6TRMW-ME-4000K
Description: 6" Selectable Round Trim+Matte White (paintable) 2000 Lumens 4000K

Light Source:
Ballast/Driver: -

Summary

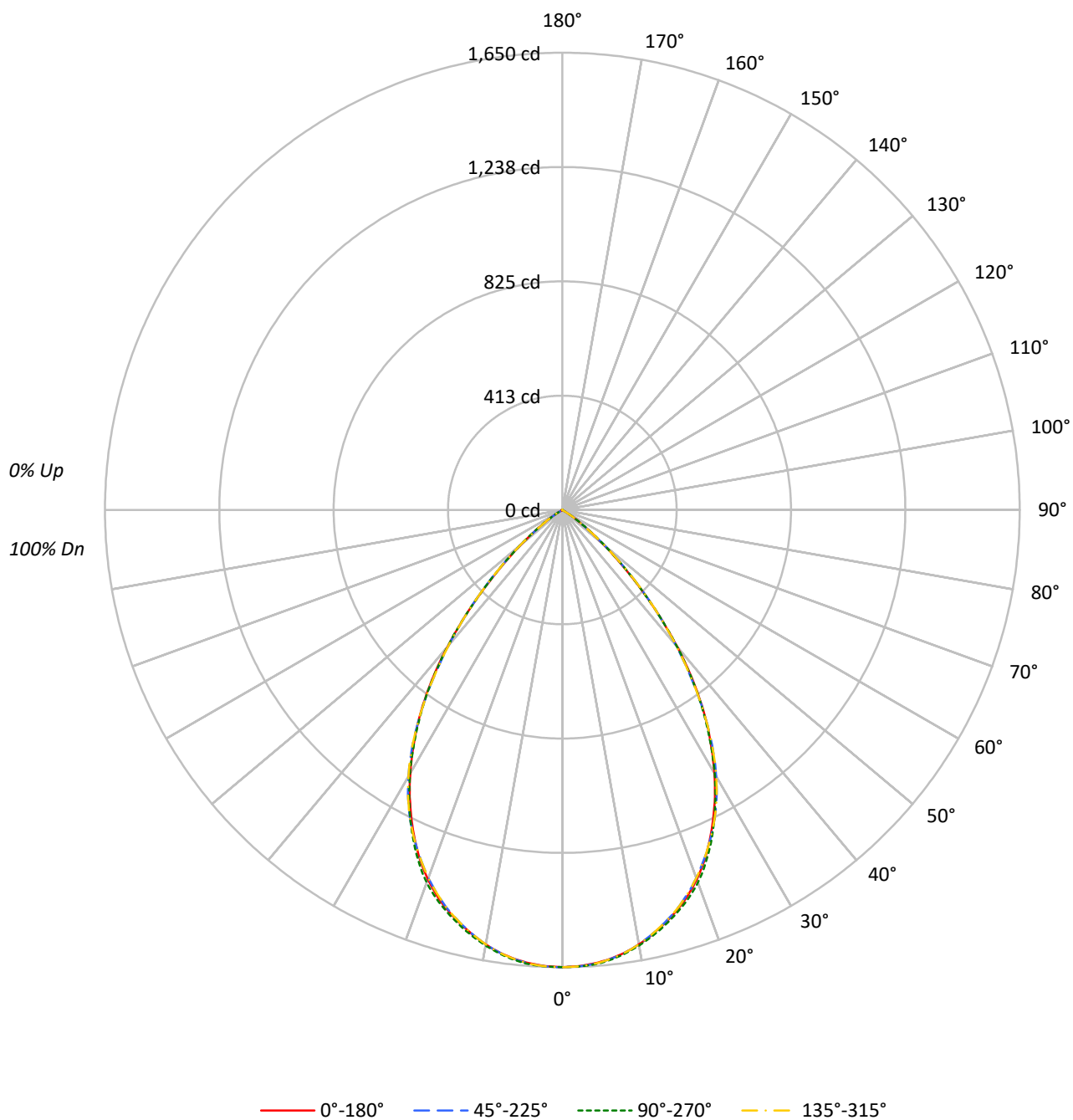
Lumens per Lamp: N/A
Luminaire Lumens: 2097.1 lumens
Efficiency: N/A
Efficacy: 100.3 lumens/watt
Spacing Criteria (0/90/45): 1.05 / 1.05 / 1.06
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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: P1590585

CATALOG NUMBER: HCDLS1525CSD6TRMW-ME-4000K

Luminous Intensity Polar Plot



TEST NUMBER: P1590585

CATALOG NUMBER: HCDLS1525CSD6TRMW-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	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°	90448	90448	90448	90448
5°	90001	90226	90001	90226
10°	88609	88837	88609	88837
15°	86198	86595	86198	86595
20°	82741	83471	82741	83471
25°	77061	77648	77061	77648
30°	69416	69555	69416	69555
35°	59535	59220	59535	59220
40°	46129	46108	46129	46108
45°	30577	30662	30577	30662
50°	16571	16972	16571	16972
55°	6776	6719	6776	6719
60°	757	625	757	625
65°	104	78	104	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: 31057 cd/sqm

TEST NUMBER: P1590585

CATALOG NUMBER: HCDLS1525CSD6TRMW-ME-4000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	154.9	7.4
10°-20°	426.8	20.4
20°-30°	585.1	27.9
30°-40°	548.8	26.2
40°-50°	308.8	14.7
50°-60°	70.3	3.4
60°-70°	1.2	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°	1166.8	55.6
0°-40°	1715.6	81.8
0°-60°	2094.6	99.9
0°-90°	2095.9	99.9
90°-120°	0.0	0.0
90°-150°	0.6	0.0
90°-180°	1.0	0.0
0°-180°	2097.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1650	1650	1650	1650	1650	
5°	1636	1640	1636	1640	1636	155
15°	1519	1526	1519	1526	1519	427
25°	1274	1284	1274	1284	1274	583
35°	890	885	890	885	890	549
45°	394	396	394	396	394	307
55°	71	70	71	70	71	71
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: P1590585

CATALOG NUMBER: HCDLS1525CSD6TRMW-ME-4000K

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	1649.9	1649.9	1649.9	1649.9	1649.9	1649.9	1649.9	1649.9	1649.9	1649.9	1649.9
0.5°	1649.2	1649.5	1650.2	1650.1	1649.6	1650.1	1650.2	1649.5	1649.2	1649.5	1650.2
1°	1648.8	1649.0	1649.8	1649.8	1649.3	1649.8	1649.8	1649.0	1648.8	1649.0	1649.8
1.5°	1647.9	1648.3	1649.2	1649.3	1648.9	1649.3	1649.2	1648.3	1647.9	1648.3	1649.2
2°	1647.0	1647.4	1648.4	1648.6	1648.4	1648.6	1648.4	1647.4	1647.0	1647.4	1648.4
2.5°	1645.7	1646.2	1647.1	1647.6	1647.6	1647.6	1647.1	1646.2	1645.7	1646.2	1647.1
3°	1644.3	1644.7	1645.7	1646.3	1646.7	1646.3	1645.7	1644.7	1644.3	1644.7	1645.7
3.5°	1642.4	1642.9	1644.0	1644.8	1645.4	1644.8	1644.0	1642.9	1642.4	1642.9	1644.0
4°	1640.3	1641.0	1641.9	1642.9	1643.9	1642.9	1641.9	1641.0	1640.3	1641.0	1641.9
4.5°	1638.2	1638.6	1639.8	1640.7	1641.9	1640.7	1639.8	1638.6	1638.2	1638.6	1639.8
5°	1635.5	1636.1	1637.2	1638.2	1639.6	1638.2	1637.2	1636.1	1635.5	1636.1	1637.2
5.5°	1632.7	1633.2	1634.0	1635.1	1636.8	1635.1	1634.0	1633.2	1632.7	1633.2	1634.0
6°	1629.5	1630.2	1630.7	1631.6	1633.5	1631.6	1630.7	1630.2	1629.5	1630.2	1630.7
6.5°	1625.8	1626.8	1626.9	1627.8	1629.9	1627.8	1626.9	1626.8	1625.8	1626.8	1626.9
7°	1622.2	1623.0	1622.8	1623.7	1625.9	1623.7	1622.8	1623.0	1622.2	1623.0	1622.8
7.5°	1618.0	1619.0	1618.5	1619.2	1621.4	1619.2	1618.5	1619.0	1618.0	1619.0	1618.5
8°	1613.4	1614.5	1613.8	1614.4	1617.0	1614.4	1613.8	1614.5	1613.4	1614.5	1613.8
8.5°	1608.5	1609.8	1608.8	1609.4	1612.1	1609.4	1608.8	1609.8	1608.5	1609.8	1608.8
9°	1603.3	1604.5	1603.4	1604.1	1606.8	1604.1	1603.4	1604.5	1603.3	1604.5	1603.4
9.5°	1597.5	1599.0	1597.7	1598.7	1601.7	1598.7	1597.7	1599.0	1597.5	1599.0	1597.7
10°	1591.8	1593.1	1591.4	1592.9	1595.9	1592.9	1591.4	1593.1	1591.8	1593.1	1591.4
10.5°	1585.5	1586.5	1584.9	1587.2	1589.9	1587.2	1584.9	1586.5	1585.5	1586.5	1584.9
11°	1578.9	1579.8	1578.2	1580.9	1583.8	1580.9	1578.2	1579.8	1578.9	1579.8	1578.2
11.5°	1572.1	1572.8	1571.2	1574.6	1577.3	1574.6	1571.2	1572.8	1572.1	1572.8	1571.2
12°	1565.2	1565.5	1563.9	1568.1	1570.6	1568.1	1563.9	1565.5	1565.2	1565.5	1563.9
12.5°	1557.7	1557.8	1556.5	1561.2	1563.5	1561.2	1556.5	1557.8	1557.7	1557.8	1556.5
13°	1550.4	1550.0	1548.8	1554.2	1556.7	1554.2	1548.8	1550.0	1550.4	1550.0	1548.8
13.5°	1542.8	1541.8	1540.9	1547.1	1549.3	1547.1	1540.9	1541.8	1542.8	1541.8	1540.9
14°	1535.0	1533.8	1532.9	1539.4	1541.5	1539.4	1532.9	1533.8	1535.0	1533.8	1532.9
14.5°	1527.2	1525.1	1524.5	1531.5	1533.8	1531.5	1524.5	1525.1	1527.2	1525.1	1524.5
15°	1518.8	1516.4	1516.0	1523.3	1525.8	1523.3	1516.0	1516.4	1518.8	1516.4	1516.0
15.5°	1510.2	1507.5	1507.3	1515.0	1517.6	1515.0	1507.3	1507.5	1510.2	1507.5	1507.3
16°	1501.6	1498.5	1498.4	1505.9	1509.1	1505.9	1498.4	1498.5	1501.6	1498.5	1498.4
16.5°	1492.8	1488.7	1488.9	1496.5	1500.7	1496.5	1488.9	1488.7	1492.8	1488.7	1488.9
17°	1483.8	1479.0	1478.9	1486.8	1491.8	1486.8	1478.9	1479.0	1483.8	1479.0	1478.9
17.5°	1473.9	1469.2	1468.8	1476.7	1482.7	1476.7	1468.8	1469.2	1473.9	1469.2	1468.8
18°	1463.6	1459.0	1458.3	1466.3	1473.1	1466.3	1458.3	1459.0	1463.6	1459.0	1458.3
18.5°	1452.8	1448.2	1447.5	1455.8	1463.1	1455.8	1447.5	1448.2	1452.8	1448.2	1447.5
19°	1441.9	1437.3	1436.1	1445.1	1452.8	1445.1	1436.1	1437.3	1441.9	1437.3	1436.1
19.5°	1430.2	1425.9	1424.5	1434.0	1442.3	1434.0	1424.5	1425.9	1430.2	1425.9	1424.5
20°	1418.3	1414.2	1412.8	1422.3	1430.8	1422.3	1412.8	1414.2	1418.3	1414.2	1412.8
20.5°	1405.8	1402.1	1400.7	1410.3	1418.2	1410.3	1400.7	1402.1	1405.8	1402.1	1400.7
21°	1393.1	1389.5	1388.0	1397.5	1405.4	1397.5	1388.0	1389.5	1393.1	1389.5	1388.0
21.5°	1379.9	1376.5	1375.0	1384.5	1391.8	1384.5	1375.0	1376.5	1379.9	1376.5	1375.0
22°	1365.9	1363.2	1361.9	1370.8	1377.7	1370.8	1361.9	1363.2	1365.9	1363.2	1361.9

TEST NUMBER: P1590585

CATALOG NUMBER: HCDLS1525CSD6TRMW-ME-4000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
22.5°	1351.5	1349.3	1348.9	1357.1	1362.8	1357.1	1348.9	1349.3	1351.5	1349.3	1348.9
23°	1336.7	1335.4	1335.4	1343.0	1347.9	1343.0	1335.4	1335.4	1336.7	1335.4	1335.4
23.5°	1321.6	1321.0	1321.8	1328.4	1332.4	1328.4	1321.8	1321.0	1321.6	1321.0	1321.8
24°	1305.9	1306.6	1308.2	1313.7	1316.5	1313.7	1308.2	1306.6	1305.9	1306.6	1308.2
24.5°	1290.1	1291.8	1294.1	1298.7	1300.1	1298.7	1294.1	1291.8	1290.1	1291.8	1294.1
25°	1274.0	1276.7	1279.6	1283.2	1283.7	1283.2	1279.6	1276.7	1274.0	1276.7	1279.6
25.5°	1257.7	1261.5	1264.9	1267.4	1266.4	1267.4	1264.9	1261.5	1257.7	1261.5	1264.9
26°	1241.1	1245.8	1249.7	1251.2	1249.1	1251.2	1249.7	1245.8	1241.1	1245.8	1249.7
26.5°	1224.1	1229.9	1234.0	1234.7	1231.2	1234.7	1234.0	1229.9	1224.1	1229.9	1234.0
27°	1206.9	1213.5	1218.0	1217.9	1213.2	1217.9	1218.0	1213.5	1206.9	1213.5	1218.0
27.5°	1189.5	1196.6	1201.4	1200.8	1195.0	1200.8	1201.4	1196.6	1189.5	1196.6	1201.4
28°	1172.0	1179.3	1184.3	1182.9	1176.1	1182.9	1184.3	1179.3	1172.0	1179.3	1184.3
28.5°	1153.4	1161.6	1166.7	1164.7	1157.4	1164.7	1166.7	1161.6	1153.4	1161.6	1166.7
29°	1135.0	1143.5	1148.6	1146.1	1138.3	1146.1	1148.6	1143.5	1135.0	1143.5	1148.6
29.5°	1115.9	1124.7	1130.0	1127.0	1119.1	1127.0	1130.0	1124.7	1115.9	1124.7	1130.0
30°	1096.6	1105.5	1110.6	1107.3	1098.8	1107.3	1110.6	1105.5	1096.6	1105.5	1110.6
30.5°	1077.3	1086.1	1090.7	1086.9	1078.7	1086.9	1090.7	1086.1	1077.3	1086.1	1090.7
31°	1057.4	1066.0	1070.3	1066.2	1057.7	1066.2	1070.3	1066.0	1057.4	1066.0	1070.3
31.5°	1037.4	1045.6	1049.3	1045.3	1036.8	1045.3	1049.3	1045.6	1037.4	1045.6	1049.3
32°	1016.9	1024.4	1027.4	1023.7	1015.7	1023.7	1027.4	1024.4	1016.9	1024.4	1027.4
32.5°	996.5	1003.5	1005.4	1002.0	994.4	1002.0	1005.4	1003.5	996.5	1003.5	1005.4
33°	975.6	981.2	982.8	979.9	972.8	979.9	982.8	981.2	975.6	981.2	982.8
33.5°	955.2	959.3	960.0	957.2	950.9	957.2	960.0	959.3	955.2	959.3	960.0
34°	933.3	936.6	936.2	934.6	929.3	934.6	936.2	936.6	933.3	936.6	936.2
34.5°	911.7	913.9	912.7	911.2	907.2	911.2	912.7	913.9	911.7	913.9	912.7
35°	889.6	890.1	888.2	887.8	884.9	887.8	888.2	890.1	889.6	890.1	888.2
35.5°	867.1	866.4	863.7	864.0	862.7	864.0	863.7	866.4	867.1	866.4	863.7
36°	843.6	842.4	838.7	840.0	840.0	840.0	838.7	842.4	843.6	842.4	838.7
36.5°	820.4	818.3	813.9	815.8	817.2	815.8	813.9	818.3	820.4	818.3	813.9
37°	796.5	793.5	788.3	791.8	793.5	791.8	788.3	793.5	796.5	793.5	788.3
37.5°	772.0	768.8	763.0	767.4	769.1	767.4	763.0	768.8	772.0	768.8	763.0
38°	747.0	743.7	738.0	742.7	743.4	742.7	738.0	743.7	747.0	743.7	738.0
38.5°	722.3	718.8	712.8	717.7	718.4	717.7	712.8	718.8	722.3	718.8	712.8
39°	697.0	692.5	687.9	692.6	693.6	692.6	687.9	692.5	697.0	692.5	687.9
39.5°	670.6	667.1	663.3	667.6	668.9	667.6	663.3	667.1	670.6	667.1	663.3
40°	644.6	642.2	638.6	642.3	644.3	642.3	638.6	642.2	644.6	642.2	638.6
40.5°	618.8	617.5	614.1	617.0	619.5	617.0	614.1	617.5	618.8	617.5	614.1
41°	592.7	592.6	589.3	591.7	593.9	591.7	589.3	592.6	592.7	592.6	589.3
41.5°	566.9	567.6	564.4	566.7	568.4	566.7	564.4	567.6	566.9	567.6	564.4
42°	541.2	542.3	540.0	541.9	543.0	541.9	540.0	542.3	541.2	542.3	540.0
42.5°	515.9	517.3	516.1	517.9	517.6	517.9	516.1	517.3	515.9	517.3	516.1
43°	491.0	492.2	492.4	493.9	492.2	493.9	492.4	492.2	491.0	492.2	492.4
43.5°	466.3	467.7	468.8	469.9	467.0	469.9	468.8	467.7	466.3	467.7	468.8
44°	442.1	443.1	445.4	446.5	442.6	446.5	445.4	443.1	442.1	443.1	445.4
44.5°	418.0	419.6	422.7	423.8	418.9	423.8	422.7	419.6	418.0	419.6	422.7

TEST NUMBER: P1590585

CATALOG NUMBER: HCDLS1525CSD6TRMW-ME-4000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	394.4	396.4	400.4	400.6	395.5	400.6	400.4	396.4	394.4	396.4	400.4
45.5°	371.2	373.8	378.2	377.8	372.9	377.8	378.2	373.8	371.2	373.8	378.2
46°	348.3	351.6	356.0	355.8	350.6	355.8	356.0	351.6	348.3	351.6	356.0
46.5°	326.3	330.0	334.3	334.2	329.1	334.2	334.3	330.0	326.3	330.0	334.3
47°	304.9	308.9	313.0	313.2	308.4	313.2	313.0	308.9	304.9	308.9	313.0
47.5°	284.3	288.3	292.1	292.7	288.3	292.7	292.1	288.3	284.3	288.3	292.1
48°	264.2	268.3	271.7	272.4	268.7	272.4	271.7	268.3	264.2	268.3	271.7
48.5°	245.3	248.9	251.8	253.2	250.0	253.2	251.8	248.9	245.3	248.9	251.8
49°	227.3	230.3	232.6	234.5	232.0	234.5	232.6	230.3	227.3	230.3	232.6
49.5°	210.5	213.0	214.7	216.6	215.0	216.6	214.7	213.0	210.5	213.0	214.7
50°	194.3	196.1	197.6	199.8	199.0	199.8	197.6	196.1	194.3	196.1	197.6
50.5°	178.3	179.5	180.7	183.2	183.4	183.2	180.7	179.5	178.3	179.5	180.7
51°	162.9	163.5	164.1	167.1	167.9	167.1	164.1	163.5	162.9	163.5	164.1
51.5°	149.2	148.4	148.3	152.0	153.1	152.0	148.3	148.4	149.2	148.4	148.3
52°	135.7	134.6	133.6	137.4	138.5	137.4	133.6	134.6	135.7	134.6	133.6
52.5°	123.4	121.6	120.1	124.0	125.2	124.0	120.1	121.6	123.4	121.6	120.1
53°	111.7	109.6	107.8	111.8	112.9	111.8	107.8	109.6	111.7	109.6	107.8
53.5°	100.6	98.4	96.5	100.2	101.0	100.2	96.5	98.4	100.6	98.4	96.5
54°	90.0	88.0	86.2	89.4	90.1	89.4	86.2	88.0	90.0	88.0	86.2
54.5°	80.3	78.3	76.7	79.3	79.8	79.3	76.7	78.3	80.3	78.3	76.7
55°	70.9	69.4	67.9	69.9	70.3	69.9	67.9	69.4	70.9	69.4	67.9
55.5°	62.2	61.0	60.1	61.2	61.3	61.2	60.1	61.0	62.2	61.0	60.1
56°	54.6	53.7	52.5	53.5	53.4	53.5	52.5	53.7	54.6	53.7	52.5
56.5°	47.3	46.8	45.6	46.1	46.1	46.1	45.6	46.8	47.3	46.8	45.6
57°	40.5	40.1	38.8	39.0	39.3	39.0	38.8	40.1	40.5	40.1	38.8
57.5°	33.7	33.5	32.2	32.2	32.5	32.2	32.2	33.5	33.7	33.5	32.2
58°	26.9	27.0	26.0	25.8	25.7	25.8	26.0	27.0	26.9	27.0	26.0
58.5°	20.9	21.0	19.6	19.7	19.6	19.7	19.6	21.0	20.9	21.0	19.6
59°	14.7	15.1	13.5	13.6	13.6	13.6	13.5	15.1	14.7	15.1	13.5
59.5°	10.3	10.2	8.5	8.6	9.1	8.6	8.5	10.2	10.3	10.2	8.5
60°	6.9	6.8	5.7	5.2	5.7	5.2	5.7	6.8	6.9	6.8	5.7
60.5°	4.3	4.8	3.8	3.5	4.6	3.5	3.8	4.8	4.3	4.8	3.8
61°	3.6	3.9	3.0	2.8	3.7	2.8	3.0	3.9	3.6	3.9	3.0
61.5°	2.9	3.1	2.2	2.2	2.9	2.2	2.2	3.1	2.9	3.1	2.2
62°	2.3	2.3	1.8	1.6	2.0	1.6	1.8	2.3	2.3	2.3	1.8
62.5°	1.6	1.8	1.4	1.2	1.2	1.2	1.4	1.8	1.6	1.8	1.4
63°	1.4	1.4	1.2	1.1	1.0	1.1	1.2	1.4	1.4	1.4	1.2
63.5°	1.2	1.2	1.0	0.9	0.9	0.9	1.0	1.2	1.2	1.2	1.0
64°	1.1	1.0	0.9	0.8	0.8	0.8	0.9	1.0	1.1	1.0	0.9
64.5°	0.9	0.9	0.8	0.7	0.7	0.7	0.8	0.9	0.9	0.9	0.8
65°	0.8	0.8	0.7	0.6	0.6	0.6	0.7	0.8	0.8	0.8	0.7
65.5°	0.7	0.7	0.6	0.6	0.5	0.6	0.6	0.7	0.7	0.7	0.6
66°	0.7	0.6	0.5	0.5	0.5	0.5	0.5	0.6	0.7	0.6	0.5
66.5°	0.6	0.6	0.5	0.4	0.4	0.4	0.5	0.6	0.6	0.6	0.5
67°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.4

TEST NUMBER: P1590585

CATALOG NUMBER: HCDLS1525CSD6TRMW-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	0.4	0.4	0.3	0.3	0.3	0.4	0.4	0.5	0.4	0.4
68°	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.3
68.5°	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3	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	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2
70.5°	0.2	0.2	0.2	0.2	0.1	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	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	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: P1590585

CATALOG NUMBER: HCDLS1525CSD6TRMW-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: P1590585

CATALOG NUMBER: HCDLS1525CSD6TRMW-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
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°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
132.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
133°	0.3	0.3	0.3	0.3	0.2	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: P1590585

CATALOG NUMBER: HCDLS1525CSD6TRMW-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°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
137°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
137.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
138°	0.4	0.4	0.4	0.4	0.3	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°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
141.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
142°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
142.5°	0.5	0.5	0.5	0.5	0.4	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°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
146°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
146.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
147°	0.6	0.6	0.5	0.6	0.5	0.6	0.5	0.6	0.6	0.6	0.5
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°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
150.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
151°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
151.5°	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.6
152°	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.6
152.5°	0.7	0.7	0.7	0.7	0.6	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°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
155°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
155.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
156°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
156.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
157°	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.7	0.7

TEST NUMBER: P1590585

CATALOG NUMBER: HCDLS1525CSD6TRMW-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	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.7
158°	0.8	0.8	0.8	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8
158.5°	0.8	0.8	0.8	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8
159°	0.8	0.8	0.8	0.8	0.7	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°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
161.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
162°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
162.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
163°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
163.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
164°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
164.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
165°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
165.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
166°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
166.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
167°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
167.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
168°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
168.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
169°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	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	0.7	0.8	0.8	0.8	0.8	0.8	0.8
172.5°	0.8	0.8	0.8	0.8	0.7	0.8	0.8	0.8	0.8	0.8	0.8
173°	0.8	0.8	0.8	0.8	0.7	0.8	0.8	0.8	0.8	0.8	0.8
173.5°	0.8	0.8	0.8	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8
174°	0.8	0.8	0.8	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8
174.5°	0.8	0.8	0.8	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8
175°	0.8	0.8	0.8	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8
175.5°	0.8	0.8	0.8	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8
176°	0.8	0.8	0.8	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8
176.5°	0.8	0.8	0.8	0.7	0.8	0.7	0.8	0.8	0.8	0.8	0.8
177°	0.8	0.8	0.8	0.7	0.8	0.7	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	0.8	0.8	0.8	0.8	0.8	0.8	0.8



TEST NUMBER: P1590585
CATALOG NUMBER: HCDLS1525CSD6TRMW-ME-4000K

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: P1590585

CATALOG NUMBER: HCDLS1525CSD6TRMW-ME-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	1649.9	1649.9	1649.9	1649.9	1649.9	1649.9
0.5°	1650.1	1649.6	1650.1	1650.2	1649.5	1649.2
1°	1649.8	1649.3	1649.8	1649.8	1649.0	1648.8
1.5°	1649.3	1648.9	1649.3	1649.2	1648.3	1647.9
2°	1648.6	1648.4	1648.6	1648.4	1647.4	1647.0
2.5°	1647.6	1647.6	1647.6	1647.1	1646.2	1645.7
3°	1646.3	1646.7	1646.3	1645.7	1644.7	1644.3
3.5°	1644.8	1645.4	1644.8	1644.0	1642.9	1642.4
4°	1642.9	1643.9	1642.9	1641.9	1641.0	1640.3
4.5°	1640.7	1641.9	1640.7	1639.8	1638.6	1638.2
5°	1638.2	1639.6	1638.2	1637.2	1636.1	1635.5
5.5°	1635.1	1636.8	1635.1	1634.0	1633.2	1632.7
6°	1631.6	1633.5	1631.6	1630.7	1630.2	1629.5
6.5°	1627.8	1629.9	1627.8	1626.9	1626.8	1625.8
7°	1623.7	1625.9	1623.7	1622.8	1623.0	1622.2
7.5°	1619.2	1621.4	1619.2	1618.5	1619.0	1618.0
8°	1614.4	1617.0	1614.4	1613.8	1614.5	1613.4
8.5°	1609.4	1612.1	1609.4	1608.8	1609.8	1608.5
9°	1604.1	1606.8	1604.1	1603.4	1604.5	1603.3
9.5°	1598.7	1601.7	1598.7	1597.7	1599.0	1597.5
10°	1592.9	1595.9	1592.9	1591.4	1593.1	1591.8
10.5°	1587.2	1589.9	1587.2	1584.9	1586.5	1585.5
11°	1580.9	1583.8	1580.9	1578.2	1579.8	1578.9
11.5°	1574.6	1577.3	1574.6	1571.2	1572.8	1572.1
12°	1568.1	1570.6	1568.1	1563.9	1565.5	1565.2
12.5°	1561.2	1563.5	1561.2	1556.5	1557.8	1557.7
13°	1554.2	1556.7	1554.2	1548.8	1550.0	1550.4
13.5°	1547.1	1549.3	1547.1	1540.9	1541.8	1542.8
14°	1539.4	1541.5	1539.4	1532.9	1533.8	1535.0
14.5°	1531.5	1533.8	1531.5	1524.5	1525.1	1527.2
15°	1523.3	1525.8	1523.3	1516.0	1516.4	1518.8
15.5°	1515.0	1517.6	1515.0	1507.3	1507.5	1510.2
16°	1505.9	1509.1	1505.9	1498.4	1498.5	1501.6
16.5°	1496.5	1500.7	1496.5	1488.9	1488.7	1492.8
17°	1486.8	1491.8	1486.8	1478.9	1479.0	1483.8
17.5°	1476.7	1482.7	1476.7	1468.8	1469.2	1473.9
18°	1466.3	1473.1	1466.3	1458.3	1459.0	1463.6
18.5°	1455.8	1463.1	1455.8	1447.5	1448.2	1452.8
19°	1445.1	1452.8	1445.1	1436.1	1437.3	1441.9
19.5°	1434.0	1442.3	1434.0	1424.5	1425.9	1430.2
20°	1422.3	1430.8	1422.3	1412.8	1414.2	1418.3
20.5°	1410.3	1418.2	1410.3	1400.7	1402.1	1405.8
21°	1397.5	1405.4	1397.5	1388.0	1389.5	1393.1
21.5°	1384.5	1391.8	1384.5	1375.0	1376.5	1379.9
22°	1370.8	1377.7	1370.8	1361.9	1363.2	1365.9

TEST NUMBER: P1590585

CATALOG NUMBER: HCDLS1525CSD6TRMW-ME-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	1357.1	1362.8	1357.1	1348.9	1349.3	1351.5
23°	1343.0	1347.9	1343.0	1335.4	1335.4	1336.7
23.5°	1328.4	1332.4	1328.4	1321.8	1321.0	1321.6
24°	1313.7	1316.5	1313.7	1308.2	1306.6	1305.9
24.5°	1298.7	1300.1	1298.7	1294.1	1291.8	1290.1
25°	1283.2	1283.7	1283.2	1279.6	1276.7	1274.0
25.5°	1267.4	1266.4	1267.4	1264.9	1261.5	1257.7
26°	1251.2	1249.1	1251.2	1249.7	1245.8	1241.1
26.5°	1234.7	1231.2	1234.7	1234.0	1229.9	1224.1
27°	1217.9	1213.2	1217.9	1218.0	1213.5	1206.9
27.5°	1200.8	1195.0	1200.8	1201.4	1196.6	1189.5
28°	1182.9	1176.1	1182.9	1184.3	1179.3	1172.0
28.5°	1164.7	1157.4	1164.7	1166.7	1161.6	1153.4
29°	1146.1	1138.3	1146.1	1148.6	1143.5	1135.0
29.5°	1127.0	1119.1	1127.0	1130.0	1124.7	1115.9
30°	1107.3	1098.8	1107.3	1110.6	1105.5	1096.6
30.5°	1086.9	1078.7	1086.9	1090.7	1086.1	1077.3
31°	1066.2	1057.7	1066.2	1070.3	1066.0	1057.4
31.5°	1045.3	1036.8	1045.3	1049.3	1045.6	1037.4
32°	1023.7	1015.7	1023.7	1027.4	1024.4	1016.9
32.5°	1002.0	994.4	1002.0	1005.4	1003.5	996.5
33°	979.9	972.8	979.9	982.8	981.2	975.6
33.5°	957.2	950.9	957.2	960.0	959.3	955.2
34°	934.6	929.3	934.6	936.2	936.6	933.3
34.5°	911.2	907.2	911.2	912.7	913.9	911.7
35°	887.8	884.9	887.8	888.2	890.1	889.6
35.5°	864.0	862.7	864.0	863.7	866.4	867.1
36°	840.0	840.0	840.0	838.7	842.4	843.6
36.5°	815.8	817.2	815.8	813.9	818.3	820.4
37°	791.8	793.5	791.8	788.3	793.5	796.5
37.5°	767.4	769.1	767.4	763.0	768.8	772.0
38°	742.7	743.4	742.7	738.0	743.7	747.0
38.5°	717.7	718.4	717.7	712.8	718.8	722.3
39°	692.6	693.6	692.6	687.9	692.5	697.0
39.5°	667.6	668.9	667.6	663.3	667.1	670.6
40°	642.3	644.3	642.3	638.6	642.2	644.6
40.5°	617.0	619.5	617.0	614.1	617.5	618.8
41°	591.7	593.9	591.7	589.3	592.6	592.7
41.5°	566.7	568.4	566.7	564.4	567.6	566.9
42°	541.9	543.0	541.9	540.0	542.3	541.2
42.5°	517.9	517.6	517.9	516.1	517.3	515.9
43°	493.9	492.2	493.9	492.4	492.2	491.0
43.5°	469.9	467.0	469.9	468.8	467.7	466.3
44°	446.5	442.6	446.5	445.4	443.1	442.1
44.5°	423.8	418.9	423.8	422.7	419.6	418.0

TEST NUMBER: P1590585

CATALOG NUMBER: HCDLS1525CSD6TRMW-ME-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	400.6	395.5	400.6	400.4	396.4	394.4
45.5°	377.8	372.9	377.8	378.2	373.8	371.2
46°	355.8	350.6	355.8	356.0	351.6	348.3
46.5°	334.2	329.1	334.2	334.3	330.0	326.3
47°	313.2	308.4	313.2	313.0	308.9	304.9
47.5°	292.7	288.3	292.7	292.1	288.3	284.3
48°	272.4	268.7	272.4	271.7	268.3	264.2
48.5°	253.2	250.0	253.2	251.8	248.9	245.3
49°	234.5	232.0	234.5	232.6	230.3	227.3
49.5°	216.6	215.0	216.6	214.7	213.0	210.5
50°	199.8	199.0	199.8	197.6	196.1	194.3
50.5°	183.2	183.4	183.2	180.7	179.5	178.3
51°	167.1	167.9	167.1	164.1	163.5	162.9
51.5°	152.0	153.1	152.0	148.3	148.4	149.2
52°	137.4	138.5	137.4	133.6	134.6	135.7
52.5°	124.0	125.2	124.0	120.1	121.6	123.4
53°	111.8	112.9	111.8	107.8	109.6	111.7
53.5°	100.2	101.0	100.2	96.5	98.4	100.6
54°	89.4	90.1	89.4	86.2	88.0	90.0
54.5°	79.3	79.8	79.3	76.7	78.3	80.3
55°	69.9	70.3	69.9	67.9	69.4	70.9
55.5°	61.2	61.3	61.2	60.1	61.0	62.2
56°	53.5	53.4	53.5	52.5	53.7	54.6
56.5°	46.1	46.1	46.1	45.6	46.8	47.3
57°	39.0	39.3	39.0	38.8	40.1	40.5
57.5°	32.2	32.5	32.2	32.2	33.5	33.7
58°	25.8	25.7	25.8	26.0	27.0	26.9
58.5°	19.7	19.6	19.7	19.6	21.0	20.9
59°	13.6	13.6	13.6	13.5	15.1	14.7
59.5°	8.6	9.1	8.6	8.5	10.2	10.3
60°	5.2	5.7	5.2	5.7	6.8	6.9
60.5°	3.5	4.6	3.5	3.8	4.8	4.3
61°	2.8	3.7	2.8	3.0	3.9	3.6
61.5°	2.2	2.9	2.2	2.2	3.1	2.9
62°	1.6	2.0	1.6	1.8	2.3	2.3
62.5°	1.2	1.2	1.2	1.4	1.8	1.6
63°	1.1	1.0	1.1	1.2	1.4	1.4
63.5°	0.9	0.9	0.9	1.0	1.2	1.2
64°	0.8	0.8	0.8	0.9	1.0	1.1
64.5°	0.7	0.7	0.7	0.8	0.9	0.9
65°	0.6	0.6	0.6	0.7	0.8	0.8
65.5°	0.6	0.5	0.6	0.6	0.7	0.7
66°	0.5	0.5	0.5	0.5	0.6	0.7
66.5°	0.4	0.4	0.4	0.5	0.6	0.6
67°	0.4	0.4	0.4	0.4	0.5	0.5

TEST NUMBER: P1590585

CATALOG NUMBER: HCDLS1525CSD6TRMW-ME-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	0.3	0.3	0.3	0.4	0.4	0.5
68°	0.3	0.3	0.3	0.3	0.4	0.4
68.5°	0.3	0.3	0.3	0.3	0.3	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	0.2	0.3
70.5°	0.2	0.1	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°	0.0	0.0	0.0	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	0.0	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: P1590585

CATALOG NUMBER: HCDLS1525CSD6TRMW-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: P1590585

CATALOG NUMBER: HCDLS1525CSD6TRMW-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°	0.0	0.0	0.0	0.0	0.0	0.0
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°	0.1	0.1	0.1	0.1	0.1	0.1
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	0.2
132.5°	0.2	0.2	0.2	0.2	0.2	0.2
133°	0.3	0.2	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: P1590585

CATALOG NUMBER: HCDLS1525CSD6TRMW-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	0.3
137°	0.3	0.3	0.3	0.3	0.3	0.3
137.5°	0.3	0.3	0.3	0.3	0.3	0.3
138°	0.4	0.3	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	0.4
141.5°	0.4	0.4	0.4	0.4	0.4	0.4
142°	0.4	0.4	0.4	0.4	0.4	0.4
142.5°	0.5	0.4	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	0.5	0.5
146°	0.5	0.5	0.5	0.5	0.5	0.5
146.5°	0.5	0.5	0.5	0.5	0.5	0.5
147°	0.6	0.5	0.6	0.5	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	0.6	0.6
150.5°	0.6	0.6	0.6	0.6	0.6	0.6
151°	0.6	0.6	0.6	0.6	0.6	0.6
151.5°	0.6	0.6	0.6	0.6	0.7	0.7
152°	0.6	0.6	0.6	0.6	0.7	0.7
152.5°	0.7	0.6	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	0.7
155°	0.7	0.7	0.7	0.7	0.7	0.7
155.5°	0.7	0.7	0.7	0.7	0.7	0.7
156°	0.7	0.7	0.7	0.7	0.7	0.7
156.5°	0.7	0.7	0.7	0.7	0.7	0.7
157°	0.7	0.7	0.7	0.7	0.7	0.8

TEST NUMBER: P1590585

CATALOG NUMBER: HCDLS1525CSD6TRMW-ME-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
157.5°	0.7	0.7	0.7	0.7	0.8	0.8
158°	0.7	0.7	0.7	0.8	0.8	0.8
158.5°	0.7	0.7	0.7	0.8	0.8	0.8
159°	0.8	0.7	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	0.8
161.5°	0.8	0.8	0.8	0.8	0.8	0.8
162°	0.8	0.8	0.8	0.8	0.8	0.8
162.5°	0.8	0.8	0.8	0.8	0.8	0.8
163°	0.8	0.8	0.8	0.8	0.8	0.8
163.5°	0.8	0.8	0.8	0.8	0.8	0.8
164°	0.8	0.8	0.8	0.8	0.8	0.8
164.5°	0.8	0.8	0.8	0.8	0.8	0.8
165°	0.8	0.8	0.8	0.8	0.8	0.8
165.5°	0.8	0.8	0.8	0.8	0.8	0.8
166°	0.8	0.8	0.8	0.8	0.8	0.8
166.5°	0.8	0.8	0.8	0.8	0.8	0.8
167°	0.8	0.8	0.8	0.8	0.8	0.8
167.5°	0.8	0.8	0.8	0.8	0.8	0.8
168°	0.8	0.8	0.8	0.8	0.8	0.8
168.5°	0.8	0.8	0.8	0.8	0.8	0.8
169°	0.8	0.8	0.8	0.8	0.8	0.8
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	0.7	0.8	0.8	0.8	0.8
172.5°	0.8	0.7	0.8	0.8	0.8	0.8
173°	0.8	0.7	0.8	0.8	0.8	0.8
173.5°	0.7	0.7	0.7	0.8	0.8	0.8
174°	0.7	0.7	0.7	0.8	0.8	0.8
174.5°	0.7	0.7	0.7	0.8	0.8	0.8
175°	0.7	0.7	0.7	0.8	0.8	0.8
175.5°	0.7	0.7	0.7	0.8	0.8	0.8
176°	0.7	0.7	0.7	0.8	0.8	0.8
176.5°	0.7	0.8	0.7	0.8	0.8	0.8
177°	0.7	0.8	0.7	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	0.8	0.8	0.8	0.8	0.8



TEST NUMBER: P1590585

CATALOG NUMBER: HCDLS1525CSD6TRMW-ME-4000K

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: P1590585

CATALOG NUMBER: HCDLS1525CSD6TRMW-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	8.5	9.6	8.9	9.9	10.2	8.2	9.3	8.6	9.6	10.0
	3H	8.3	9.3	8.7	9.6	10.0	8.0	9.0	8.4	9.4	9.7
	4H	8.2	9.1	8.6	9.5	9.9	7.9	8.9	8.4	9.2	9.6
	6H	8.1	9.0	8.6	9.3	9.7	7.9	8.7	8.3	9.1	9.4
	8H	8.1	8.9	8.5	9.3	9.7	7.8	8.6	8.2	9.0	9.4
	12H	8.0	8.8	8.5	9.2	9.6	7.7	8.5	8.2	8.9	9.3
4H	2H	8.2	9.1	8.6	9.5	9.9	7.9	8.9	8.4	9.2	9.6
	3H	8.1	8.8	8.5	9.2	9.6	7.8	8.5	8.2	8.9	9.3
	4H	7.9	8.6	8.4	9.0	9.5	7.7	8.3	8.1	8.7	9.2
	6H	7.8	8.4	8.3	8.8	9.3	7.6	8.1	8.0	8.6	9.0
	8H	7.8	8.3	8.3	8.7	9.2	7.5	8.0	8.0	8.5	8.9
	12H	7.7	8.2	8.2	8.7	9.1	7.4	7.9	7.9	8.4	8.8
8H	4H	7.8	8.3	8.3	8.7	9.2	7.5	8.0	8.0	8.5	8.9
	6H	7.7	8.1	8.2	8.6	9.1	7.4	7.8	7.9	8.3	8.8
	8H	7.6	8.0	8.1	8.5	9.0	7.3	7.7	7.8	8.2	8.7
	12H	7.5	7.9	8.0	8.4	8.9	7.2	7.6	7.8	8.1	8.6
12H	4H	7.7	8.2	8.2	8.7	9.1	7.4	7.9	7.9	8.4	8.8
	6H	7.6	8.0	8.1	8.4	9.0	7.3	7.7	7.8	8.1	8.7
	8H	7.5	7.9	8.0	8.4	8.9	7.2	7.6	7.8	8.1	8.6

(END OF REPORT)