

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State  
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: METALUX

Report Number: P#

Luminaire Tested: **4SNLED-LD5-32SL-RW-UNV-L935-CD1-U**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P#  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P33525)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: METALUX  
Catalog Number: 4SNLED-LD5-32SL-RW-UNV-L935-CD1-U  
Description: 4FT LINEAR SNLED LED FIXTURE  
WHITE REFLECTOR  
Light Source: -  
Ballast/Driver: -

**Summary**

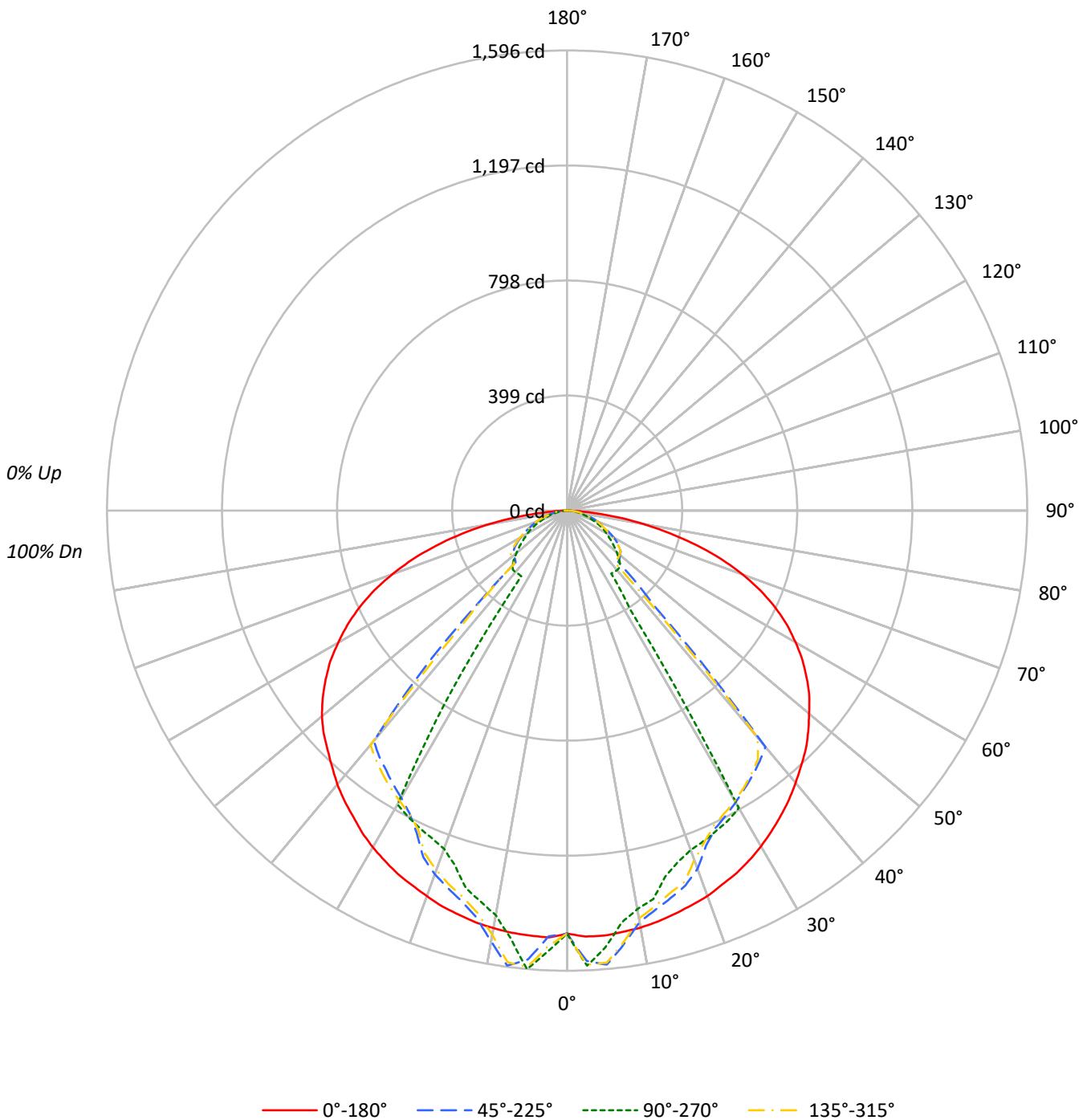
Lumens per Lamp: N/A  
Luminaire Lumens: 2938.0 lumens  
Efficiency: N/A  
Efficacy: 117.5 lumens/watt  
Spacing Criteria (0/90/45): 1.36 / 1.16 / 1.2  
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 4' x H: 0.12')  
CIE Type: Direct

Input Watts (W): 25  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



TEST NUMBER: P#  
CATALOG NUMBER: 4SNLED-LD5-32SL-RW-UNV-L935-CD1-U

### Luminous Intensity Polar Plot





TEST NUMBER: P#

CATALOG NUMBER: 4SNLED-LD5-32SL-RW-UNV-L935-CD1-U

**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |    |    |     |   |  |   |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|-----|---|--|---|
| RF  | 20  |     |     |     |     | 20  |     |     |     |     | 20  |     |     |     |     | 20  |     |     |    |    | 20 |    |     |   |  |   |
| RC  | 80  |     |     |     |     | 70  |     |     |     |     | 50  |     |     |     |     | 30  |     |     |    |    | 10 |    |     |   |  | 0 |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 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 | 102 | 102 | 100 |    |    |    |    | 100 |   |  |   |
| 1   | 110 | 106 | 102 | 99  | 108 | 104 | 101 | 98  | 100 | 97  | 94  | 96  | 94  | 92  | 92  | 91  | 89  |     |    |    |    | 87 |     |   |  |   |
| 2   | 102 | 94  | 88  | 83  | 99  | 93  | 87  | 82  | 89  | 85  | 81  | 86  | 82  | 79  | 83  | 80  | 77  |     |    |    |    | 75 |     |   |  |   |
| 3   | 94  | 84  | 77  | 72  | 91  | 83  | 76  | 71  | 80  | 74  | 70  | 77  | 73  | 69  | 75  | 71  | 67  |     |    |    |    | 65 |     |   |  |   |
| 4   | 87  | 76  | 68  | 62  | 85  | 75  | 67  | 62  | 72  | 66  | 61  | 70  | 65  | 60  | 68  | 63  | 59  |     |    |    |    | 57 |     |   |  |   |
| 5   | 81  | 69  | 61  | 55  | 79  | 68  | 60  | 55  | 66  | 59  | 54  | 64  | 58  | 53  | 62  | 57  | 53  |     |    |    |    | 51 |     |   |  |   |
| 6   | 75  | 63  | 55  | 49  | 73  | 62  | 54  | 49  | 60  | 53  | 48  | 59  | 53  | 48  | 57  | 52  | 47  |     |    |    |    | 46 |     |   |  |   |
| 7   | 70  | 58  | 50  | 44  | 68  | 57  | 49  | 44  | 55  | 48  | 43  | 54  | 48  | 43  | 53  | 47  | 43  |     |    |    |    | 41 |     |   |  |   |
| 8   | 66  | 53  | 45  | 40  | 64  | 52  | 45  | 40  | 51  | 44  | 39  | 50  | 44  | 39  | 49  | 43  | 39  |     |    |    |    | 37 |     |   |  |   |
| 9   | 62  | 49  | 41  | 36  | 60  | 48  | 41  | 36  | 47  | 41  | 36  | 46  | 40  | 36  | 45  | 40  | 36  |     |    |    |    | 34 |     |   |  |   |
| 10  | 58  | 46  | 38  | 33  | 57  | 45  | 38  | 33  | 44  | 38  | 33  | 43  | 37  | 33  | 42  | 37  | 33  |     |    |    |    | 31 |     |   |  |   |

**AVERAGE LUMINANCE (cd/sqm):**

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 11856 | 11856 | 11856 | 11856 |
| 5°  | 11972 | 11946 | 11967 | 12537 |
| 10° | 11984 | 10800 | 12000 | 10966 |
| 15° | 12011 | 9992  | 12038 | 10309 |
| 20° | 12098 | 9478  | 12098 | 9442  |
| 25° | 12203 | 9296  | 12220 | 9210  |
| 30° | 12326 | 9132  | 12356 | 9024  |
| 35° | 12470 | 2080  | 12496 | 2169  |
| 40° | 12669 | 2163  | 12746 | 2233  |
| 45° | 12973 | 2151  | 13018 | 2229  |
| 50° | 13276 | 1945  | 13455 | 1998  |
| 55° | 13684 | 1727  | 13793 | 1752  |
| 60° | 14030 | 1535  | 14061 | 1554  |
| 65° | 14279 | 1339  | 14243 | 1318  |
| 70° | 14074 | 1079  | 14030 | 1040  |
| 75° | 13066 | 831   | 13162 | 796   |
| 80° | 10606 | 590   | 11029 | 540   |
| 85° | 5739  | 354   | 6067  | 272   |



TEST NUMBER: P#

CATALOG NUMBER: 4SNLED-LD5-32SL-RW-UNV-L935-CD1-U

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 144.4  | 4.9       |
| 10°-20°   | 396.9  | 13.5      |
| 20°-30°   | 587.9  | 20.0      |
| 30°-40°   | 592.3  | 20.2      |
| 40°-50°   | 462.7  | 15.7      |
| 50°-60°   | 357.4  | 12.2      |
| 60°-70°   | 240.0  | 8.2       |
| 70°-80°   | 122.4  | 4.2       |
| 80°-90°   | 34.1   | 1.2       |
| 90°-100°  | 0.0    | 0.0       |
| 100°-110° | 0.0    | 0.0       |
| 110°-120° | 0.0    | 0.0       |
| 120°-130° | 0.0    | 0.0       |
| 130°-140° | 0.0    | 0.0       |
| 140°-150° | 0.0    | 0.0       |
| 150°-160° | 0.0    | 0.0       |
| 160°-170° | 0.0    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-30°    | 1129.1 | 38.4      |
| 0°-40°    | 1721.5 | 58.6      |
| 0°-60°    | 2541.6 | 86.5      |
| 0°-90°    | 2938.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 2938.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 90°  | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0°  | 1467 | 1467 | 1467 | 1467 | 1467 |      |
| 5°  | 1480 | 1521 | 1479 | 1596 | 1480 | 141  |
| 15° | 1448 | 1314 | 1451 | 1356 | 1448 | 409  |
| 25° | 1388 | 1225 | 1390 | 1214 | 1388 | 640  |
| 35° | 1292 | 266  | 1294 | 278  | 1292 | 809  |
| 45° | 1171 | 259  | 1175 | 268  | 1171 | 903  |
| 55° | 1015 | 188  | 1023 | 191  | 1015 | 906  |
| 65° | 797  | 126  | 795  | 124  | 797  | 784  |
| 75° | 467  | 64   | 471  | 61   | 467  | 489  |
| 85° | 84   | 20   | 89   | 16   | 84   | 116  |
| 90° | 0    | 0    | 0    | 0    | 0    |      |



TEST NUMBER: P#

CATALOG NUMBER: 4SNLED-LD5-32SL-RW-UNV-L935-CD1-U

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 2.5°   | 5°     | 7.5°   | 10°    | 12.5°  | 15°    | 17.5°  | 20°    | 22.5°  | 25°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 |
| 2.5°  | 1478.6 | 1484.0 | 1488.0 | 1490.7 | 1492.0 | 1492.0 | 1492.7 | 1493.4 | 1502.1 | 1506.2 | 1508.8 |
| 5°    | 1479.9 | 1485.3 | 1493.4 | 1504.1 | 1513.6 | 1521.6 | 1528.3 | 1537.8 | 1547.2 | 1557.3 | 1560.6 |
| 7.5°  | 1473.9 | 1480.6 | 1496.7 | 1516.2 | 1534.4 | 1547.2 | 1555.9 | 1562.0 | 1566.7 | 1567.3 | 1570.7 |
| 10°   | 1468.5 | 1480.6 | 1502.8 | 1528.3 | 1551.2 | 1566.7 | 1566.7 | 1563.3 | 1568.0 | 1549.9 | 1531.7 |
| 12.5° | 1459.1 | 1472.5 | 1502.8 | 1536.4 | 1557.9 | 1564.0 | 1561.3 | 1547.8 | 1520.3 | 1498.1 | 1488.0 |
| 15°   | 1447.7 | 1465.8 | 1503.5 | 1541.1 | 1559.3 | 1561.3 | 1535.7 | 1501.5 | 1480.6 | 1467.2 | 1450.4 |
| 17.5° | 1434.9 | 1459.1 | 1504.1 | 1541.8 | 1548.5 | 1539.1 | 1490.7 | 1469.2 | 1447.7 | 1416.1 | 1393.2 |
| 20°   | 1422.8 | 1446.3 | 1498.8 | 1532.4 | 1536.4 | 1494.1 | 1456.4 | 1433.5 | 1397.2 | 1369.7 | 1359.6 |
| 22.5° | 1404.0 | 1431.5 | 1494.1 | 1519.6 | 1504.1 | 1455.1 | 1418.7 | 1382.4 | 1349.5 | 1341.4 | 1329.3 |
| 25°   | 1388.5 | 1417.4 | 1483.3 | 1504.1 | 1463.1 | 1419.4 | 1377.1 | 1334.7 | 1319.2 | 1307.8 | 1297.0 |
| 27.5° | 1367.6 | 1403.3 | 1469.2 | 1475.9 | 1419.4 | 1381.1 | 1319.2 | 1300.4 | 1286.3 | 1273.5 | 1268.8 |
| 30°   | 1344.8 | 1388.5 | 1449.7 | 1436.9 | 1383.1 | 1326.6 | 1280.9 | 1263.4 | 1253.3 | 1239.9 | 1234.5 |
| 32.5° | 1318.6 | 1366.3 | 1428.2 | 1391.9 | 1344.1 | 1273.5 | 1243.9 | 1230.5 | 1217.0 | 1206.9 | 1173.3 |
| 35°   | 1291.7 | 1346.8 | 1402.6 | 1348.8 | 1297.0 | 1233.2 | 1206.9 | 1194.8 | 1182.1 | 1145.1 | 1110.1 |
| 37.5° | 1264.1 | 1325.3 | 1371.7 | 1302.4 | 1234.5 | 1191.5 | 1169.3 | 1155.8 | 1126.9 | 1079.9 | 1062.4 |
| 40°   | 1232.5 | 1299.1 | 1332.0 | 1254.7 | 1180.0 | 1149.1 | 1128.3 | 1114.8 | 1049.6 | 1028.8 | 1023.4 |
| 42.5° | 1200.9 | 1273.5 | 1283.6 | 1208.3 | 1135.0 | 1104.1 | 1086.6 | 1042.2 | 997.8  | 987.1  | 989.1  |
| 45°   | 1170.6 | 1245.9 | 1230.5 | 1142.4 | 1087.9 | 1062.4 | 1032.8 | 971.6  | 948.1  | 953.5  | 954.8  |
| 47.5° | 1134.3 | 1213.0 | 1174.7 | 1076.5 | 1039.5 | 1014.0 | 948.1  | 911.1  | 907.7  | 915.1  | 919.2  |
| 50°   | 1095.3 | 1176.0 | 1115.5 | 1016.7 | 987.1  | 956.8  | 882.2  | 863.4  | 867.4  | 874.8  | 879.5  |
| 52.5° | 1059.0 | 1134.3 | 1054.3 | 960.8  | 935.3  | 866.0  | 815.6  | 819.0  | 825.7  | 834.4  | 837.1  |
| 55°   | 1014.6 | 1083.9 | 989.1  | 904.4  | 880.2  | 789.4  | 766.5  | 774.6  | 781.3  | 788.7  | 794.1  |
| 57.5° | 968.2  | 1026.1 | 911.8  | 841.2  | 802.2  | 721.5  | 723.5  | 728.9  | 733.6  | 742.3  | 306.6  |
| 60°   | 915.1  | 960.2  | 827.0  | 782.7  | 705.3  | 667.7  | 669.7  | 679.1  | 683.8  | 381.9  | 211.1  |
| 62.5° | 860.0  | 883.5  | 750.4  | 716.1  | 616.6  | 613.9  | 623.3  | 627.3  | 427.0  | 201.7  | 197.7  |
| 65°   | 796.8  | 792.1  | 675.1  | 620.6  | 556.1  | 558.8  | 568.8  | 548.7  | 188.9  | 188.9  | 187.6  |
| 67.5° | 726.9  | 698.6  | 601.8  | 513.7  | 497.6  | 503.6  | 514.4  | 179.5  | 174.8  | 176.2  | 171.5  |
| 70°   | 646.8  | 607.2  | 525.8  | 435.0  | 440.4  | 446.5  | 173.5  | 162.7  | 160.7  | 157.3  | 147.9  |
| 72.5° | 562.1  | 507.7  | 430.3  | 377.9  | 381.2  | 239.4  | 152.0  | 146.6  | 139.9  | 133.1  | 123.0  |
| 75°   | 467.3  | 396.7  | 316.0  | 316.0  | 320.7  | 136.5  | 132.5  | 123.7  | 116.3  | 107.6  | 101.5  |
| 77.5° | 366.5  | 305.3  | 245.4  | 254.8  | 124.4  | 114.3  | 106.9  | 97.5   | 91.4   | 86.1   | 82.7   |
| 80°   | 268.3  | 213.1  | 184.9  | 165.4  | 96.8   | 86.7   | 79.3   | 74.0   | 71.3   | 67.9   | 63.9   |
| 82.5° | 176.2  | 128.4  | 128.4  | 78.0   | 67.9   | 59.8   | 57.8   | 53.8   | 51.1   | 49.1   | 47.1   |
| 85°   | 84.0   | 74.6   | 56.5   | 47.7   | 42.4   | 38.3   | 37.0   | 35.0   | 35.0   | 34.3   | 33.6   |
| 87.5° | 30.9   | 33.6   | 24.9   | 24.2   | 22.9   | 22.2   | 22.9   | 22.9   | 23.5   | 22.9   | 22.2   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



TEST NUMBER: P#

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**CANDELA DISTRIBUTION (continued):**

|       | 27.5°  | 30°    | 32.5°  | 35°    | 37.5°  | 40°    | 42.5°  | 45°    | 47.5°  | 50°    | 52.5°  |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 |
| 2.5°  | 1515.6 | 1521.0 | 1525.0 | 1531.7 | 1540.5 | 1547.8 | 1554.6 | 1564.0 | 1578.8 | 1582.8 | 1586.2 |
| 5°    | 1560.6 | 1562.6 | 1567.3 | 1572.7 | 1574.1 | 1577.4 | 1576.8 | 1580.8 | 1582.8 | 1587.5 | 1577.4 |
| 7.5°  | 1563.3 | 1552.6 | 1539.8 | 1528.3 | 1520.3 | 1512.9 | 1508.2 | 1515.6 | 1519.6 | 1523.0 | 1512.9 |
| 10°   | 1506.8 | 1494.1 | 1486.7 | 1479.9 | 1471.9 | 1460.4 | 1445.0 | 1448.3 | 1447.0 | 1447.0 | 1443.6 |
| 12.5° | 1471.2 | 1453.0 | 1434.2 | 1417.4 | 1410.0 | 1409.3 | 1410.0 | 1417.4 | 1417.4 | 1416.7 | 1412.7 |
| 15°   | 1415.4 | 1397.9 | 1388.5 | 1384.5 | 1384.5 | 1382.4 | 1382.4 | 1390.5 | 1388.5 | 1388.5 | 1386.5 |
| 17.5° | 1378.4 | 1366.3 | 1359.6 | 1354.9 | 1352.9 | 1356.2 | 1360.3 | 1363.6 | 1364.3 | 1361.6 | 1350.8 |
| 20°   | 1348.1 | 1336.7 | 1328.6 | 1330.0 | 1329.3 | 1331.3 | 1333.4 | 1321.9 | 1307.8 | 1289.0 | 1280.2 |
| 22.5° | 1316.5 | 1307.8 | 1301.8 | 1301.8 | 1293.7 | 1280.9 | 1262.1 | 1258.0 | 1256.0 | 1247.3 | 1239.9 |
| 25°   | 1286.3 | 1276.2 | 1267.5 | 1240.6 | 1223.8 | 1225.8 | 1222.4 | 1215.7 | 1215.0 | 1214.3 | 1217.0 |
| 27.5° | 1256.0 | 1229.8 | 1196.2 | 1192.2 | 1185.4 | 1184.8 | 1188.8 | 1192.2 | 1192.2 | 1194.8 | 1198.2 |
| 30°   | 1193.5 | 1163.2 | 1157.2 | 1149.8 | 1152.5 | 1161.9 | 1163.9 | 1168.6 | 1170.0 | 1174.7 | 1177.4 |
| 32.5° | 1136.3 | 1122.9 | 1117.5 | 1120.9 | 1129.6 | 1137.7 | 1142.4 | 1144.4 | 1147.8 | 1151.8 | 1155.2 |
| 35°   | 1089.9 | 1085.9 | 1090.6 | 1098.0 | 1106.8 | 1113.5 | 1117.5 | 1121.6 | 1124.9 | 1128.3 | 1131.0 |
| 37.5° | 1055.7 | 1058.3 | 1065.1 | 1074.5 | 1083.2 | 1088.6 | 1092.0 | 1096.7 | 1101.4 | 1105.4 | 1089.3 |
| 40°   | 1023.4 | 1030.1 | 1037.5 | 1047.6 | 1055.0 | 1060.4 | 1063.7 | 1069.8 | 1029.4 | 466.0  | 255.5  |
| 42.5° | 995.1  | 1002.5 | 1007.9 | 1016.0 | 1024.1 | 1028.1 | 998.5  | 445.8  | 252.1  | 250.8  | 254.2  |
| 45°   | 960.8  | 966.9  | 975.6  | 981.7  | 989.1  | 649.5  | 248.1  | 250.8  | 246.8  | 249.5  | 250.8  |
| 47.5° | 925.9  | 935.3  | 940.0  | 897.0  | 266.9  | 246.8  | 244.1  | 246.8  | 244.1  | 247.4  | 245.4  |
| 50°   | 886.2  | 897.6  | 638.8  | 241.4  | 239.4  | 238.0  | 240.7  | 239.4  | 241.4  | 244.1  | 238.7  |
| 52.5° | 845.9  | 523.8  | 234.0  | 232.6  | 234.0  | 232.6  | 237.4  | 234.0  | 234.7  | 232.0  | 225.3  |
| 55°   | 286.4  | 226.6  | 224.6  | 223.9  | 227.9  | 227.9  | 227.9  | 222.6  | 219.2  | 212.5  | 207.8  |
| 57.5° | 219.2  | 219.2  | 218.5  | 219.2  | 217.9  | 216.5  | 210.5  | 205.8  | 201.0  | 191.6  | 188.9  |
| 60°   | 207.8  | 207.8  | 207.8  | 207.8  | 201.7  | 199.0  | 189.6  | 185.6  | 177.5  | 172.8  | 170.1  |
| 62.5° | 198.4  | 197.0  | 191.0  | 188.9  | 182.2  | 174.8  | 169.4  | 165.4  | 157.3  | 154.7  | 152.6  |
| 65°   | 184.9  | 180.2  | 172.8  | 164.7  | 161.4  | 153.3  | 150.6  | 144.6  | 140.5  | 138.5  | 137.2  |
| 67.5° | 162.7  | 156.0  | 149.9  | 144.6  | 138.5  | 135.8  | 132.5  | 127.8  | 125.1  | 123.7  | 122.4  |
| 70°   | 139.2  | 134.5  | 128.4  | 125.1  | 121.0  | 119.0  | 114.3  | 113.0  | 110.9  | 108.9  | 106.9  |
| 72.5° | 116.3  | 113.6  | 110.9  | 106.2  | 104.9  | 103.5  | 98.8   | 96.2   | 93.5   | 90.8   | 89.4   |
| 75°   | 97.5   | 95.5   | 94.1   | 90.1   | 88.1   | 84.0   | 80.7   | 78.7   | 76.7   | 74.6   | 73.3   |
| 77.5° | 80.0   | 78.7   | 74.6   | 71.9   | 70.6   | 67.2   | 65.9   | 66.6   | 65.2   | 62.5   | 61.2   |
| 80°   | 62.5   | 61.2   | 57.8   | 57.8   | 56.5   | 55.1   | 53.8   | 52.4   | 51.1   | 49.1   | 47.7   |
| 82.5° | 47.7   | 46.4   | 45.1   | 43.7   | 42.4   | 41.7   | 41.0   | 39.7   | 38.3   | 37.0   | 36.3   |
| 85°   | 33.6   | 32.9   | 32.3   | 31.6   | 30.9   | 30.3   | 29.6   | 28.2   | 26.9   | 26.2   | 25.6   |
| 87.5° | 22.9   | 22.2   | 21.5   | 20.8   | 20.2   | 19.5   | 18.8   | 18.2   | 16.8   | 16.1   | 15.5   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



TEST NUMBER: P#

CATALOG NUMBER: 4SNLED-LD5-32SL-RW-UNV-L935-CD1-U

**CANDELA DISTRIBUTION (continued):**

|       | 55°    | 57.5°  | 60°    | 62.5°  | 65°    | 67.5°  | 70°    | 72.5°  | 75°    | 77.5°  | 80°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 |
| 2.5°  | 1586.2 | 1589.5 | 1586.2 | 1578.8 | 1574.1 | 1572.1 | 1576.1 | 1576.1 | 1578.8 | 1582.1 | 1582.8 |
| 5°    | 1561.3 | 1553.2 | 1543.8 | 1534.4 | 1529.7 | 1527.0 | 1519.6 | 1521.0 | 1523.0 | 1524.3 | 1525.7 |
| 7.5°  | 1499.4 | 1488.7 | 1475.9 | 1463.8 | 1459.1 | 1455.1 | 1446.3 | 1446.3 | 1446.3 | 1447.0 | 1451.0 |
| 10°   | 1436.2 | 1431.5 | 1426.1 | 1418.1 | 1412.0 | 1410.0 | 1402.6 | 1404.6 | 1403.3 | 1405.3 | 1410.0 |
| 12.5° | 1406.6 | 1401.3 | 1396.6 | 1388.5 | 1381.8 | 1379.1 | 1375.7 | 1377.7 | 1377.1 | 1380.4 | 1384.5 |
| 15°   | 1379.8 | 1377.1 | 1371.7 | 1365.6 | 1359.6 | 1354.2 | 1342.1 | 1338.1 | 1335.4 | 1332.0 | 1336.7 |
| 17.5° | 1335.4 | 1316.5 | 1303.8 | 1294.4 | 1287.6 | 1282.9 | 1279.6 | 1279.6 | 1281.6 | 1283.6 | 1287.6 |
| 20°   | 1274.9 | 1269.5 | 1263.4 | 1253.3 | 1246.6 | 1243.9 | 1241.9 | 1241.9 | 1245.3 | 1248.0 | 1255.4 |
| 22.5° | 1233.2 | 1232.5 | 1230.5 | 1225.8 | 1222.4 | 1222.4 | 1223.1 | 1224.4 | 1229.1 | 1233.2 | 1240.6 |
| 25°   | 1213.7 | 1216.4 | 1215.0 | 1212.3 | 1210.3 | 1211.0 | 1209.6 | 1211.0 | 1215.7 | 1219.7 | 1225.8 |
| 27.5° | 1198.2 | 1202.2 | 1200.9 | 1196.9 | 1193.5 | 1194.8 | 1196.9 | 1195.5 | 1199.5 | 1204.3 | 1209.0 |
| 30°   | 1177.4 | 1178.0 | 1180.7 | 1176.0 | 1174.7 | 1176.7 | 1177.4 | 1178.7 | 1182.7 | 1186.1 | 1190.1 |
| 32.5° | 1153.8 | 1159.2 | 1158.5 | 1153.8 | 1153.8 | 1155.8 | 1156.5 | 1111.5 | 1027.4 | 884.9  | 845.9  |
| 35°   | 1131.0 | 1137.0 | 1126.9 | 950.1  | 657.6  | 351.0  | 271.0  | 261.6  | 263.6  | 264.9  | 266.3  |
| 37.5° | 836.5  | 396.7  | 252.8  | 254.8  | 256.9  | 258.9  | 260.9  | 262.9  | 264.9  | 266.9  | 267.6  |
| 40°   | 251.5  | 250.8  | 252.8  | 255.5  | 257.5  | 258.9  | 261.6  | 263.6  | 265.6  | 267.6  | 268.3  |
| 42.5° | 248.8  | 250.1  | 252.1  | 254.8  | 257.5  | 260.2  | 262.2  | 264.9  | 266.3  | 267.6  | 268.3  |
| 45°   | 247.4  | 250.1  | 252.8  | 254.8  | 256.9  | 258.2  | 259.5  | 260.2  | 259.5  | 259.5  | 260.9  |
| 47.5° | 245.4  | 248.1  | 248.8  | 248.1  | 248.8  | 248.1  | 248.1  | 248.1  | 246.1  | 245.4  | 245.4  |
| 50°   | 238.0  | 238.0  | 236.7  | 234.0  | 233.3  | 232.6  | 231.3  | 230.6  | 227.9  | 227.3  | 227.3  |
| 52.5° | 222.6  | 221.9  | 219.9  | 216.5  | 215.2  | 213.8  | 213.1  | 212.5  | 209.8  | 208.4  | 209.1  |
| 55°   | 204.4  | 203.1  | 201.0  | 197.0  | 196.3  | 195.0  | 194.3  | 193.6  | 191.0  | 192.3  | 190.3  |
| 57.5° | 187.6  | 184.9  | 182.2  | 181.5  | 178.9  | 178.2  | 177.5  | 176.8  | 174.8  | 175.5  | 174.1  |
| 60°   | 167.4  | 166.8  | 165.4  | 162.7  | 162.7  | 162.0  | 162.0  | 160.7  | 159.4  | 158.7  | 158.7  |
| 62.5° | 152.6  | 150.6  | 149.3  | 149.3  | 147.3  | 147.3  | 147.3  | 145.9  | 144.6  | 145.2  | 144.6  |
| 65°   | 136.5  | 135.8  | 135.2  | 133.8  | 133.8  | 133.1  | 133.1  | 131.8  | 129.8  | 130.4  | 129.1  |
| 67.5° | 123.0  | 121.7  | 120.4  | 119.7  | 117.0  | 115.7  | 115.0  | 114.3  | 111.6  | 112.3  | 110.9  |
| 70°   | 106.2  | 104.2  | 102.9  | 101.5  | 99.5   | 98.2   | 98.2   | 96.8   | 94.8   | 95.5   | 94.1   |
| 72.5° | 88.8   | 87.4   | 86.1   | 85.4   | 83.4   | 82.7   | 82.0   | 81.4   | 79.3   | 80.0   | 79.3   |
| 75°   | 74.0   | 74.0   | 73.3   | 72.6   | 70.6   | 68.6   | 67.2   | 66.6   | 65.2   | 65.9   | 64.5   |
| 77.5° | 61.2   | 59.8   | 58.5   | 58.5   | 56.5   | 55.1   | 53.8   | 53.8   | 53.8   | 53.1   | 52.4   |
| 80°   | 47.7   | 46.4   | 46.4   | 45.7   | 44.4   | 43.0   | 42.4   | 42.4   | 41.7   | 41.7   | 41.0   |
| 82.5° | 36.3   | 35.0   | 34.3   | 34.3   | 32.9   | 32.3   | 31.6   | 30.9   | 30.9   | 30.9   | 30.3   |
| 85°   | 25.6   | 24.2   | 23.5   | 23.5   | 22.2   | 21.5   | 21.5   | 20.8   | 20.8   | 20.2   | 20.2   |
| 87.5° | 15.5   | 14.8   | 14.1   | 14.1   | 12.8   | 12.1   | 12.1   | 12.1   | 11.4   | 11.4   | 10.8   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |





TEST NUMBER: P#

CATALOG NUMBER: 4SNLED-LD5-32SL-RW-UNV-L935-CD1-U

**CANDELA DISTRIBUTION (continued):**

|       | 82.5°  | 85°    | 87.5°  | 90°    | 92.5°  | 95°    | 97.5°  | 100°   | 102.5° | 105°   | 107.5° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 |
| 2.5°  | 1582.8 | 1582.8 | 1578.1 | 1579.5 | 1577.4 | 1580.1 | 1576.8 | 1576.8 | 1580.8 | 1580.8 | 1583.5 |
| 5°    | 1526.3 | 1523.0 | 1522.3 | 1521.0 | 1514.2 | 1516.9 | 1513.6 | 1510.2 | 1514.9 | 1514.9 | 1521.0 |
| 7.5°  | 1449.0 | 1443.0 | 1445.6 | 1441.6 | 1437.6 | 1431.5 | 1433.5 | 1430.9 | 1434.2 | 1438.9 | 1445.0 |
| 10°   | 1409.3 | 1404.0 | 1407.3 | 1403.3 | 1405.3 | 1396.6 | 1397.2 | 1397.9 | 1401.3 | 1402.6 | 1408.0 |
| 12.5° | 1383.8 | 1382.4 | 1381.1 | 1379.8 | 1381.1 | 1376.4 | 1373.7 | 1374.4 | 1375.7 | 1376.4 | 1380.4 |
| 15°   | 1330.0 | 1321.3 | 1323.9 | 1314.5 | 1315.2 | 1315.9 | 1310.5 | 1315.9 | 1315.2 | 1323.9 | 1332.0 |
| 17.5° | 1286.3 | 1286.3 | 1281.6 | 1277.5 | 1274.9 | 1274.2 | 1270.2 | 1272.8 | 1270.2 | 1275.5 | 1277.5 |
| 20°   | 1256.0 | 1255.4 | 1254.7 | 1252.7 | 1245.9 | 1246.6 | 1248.6 | 1242.6 | 1241.9 | 1241.2 | 1245.3 |
| 22.5° | 1241.9 | 1242.6 | 1239.9 | 1239.9 | 1233.8 | 1235.2 | 1235.9 | 1229.1 | 1229.8 | 1227.8 | 1229.8 |
| 25°   | 1227.1 | 1228.5 | 1225.1 | 1225.1 | 1223.8 | 1223.1 | 1219.7 | 1221.1 | 1217.0 | 1213.7 | 1217.0 |
| 27.5° | 1209.6 | 1212.3 | 1209.6 | 1211.0 | 1208.3 | 1206.9 | 1204.9 | 1203.6 | 1199.5 | 1198.9 | 1200.9 |
| 30°   | 1193.5 | 1194.8 | 1194.2 | 1190.8 | 1190.1 | 1186.1 | 1188.1 | 1184.1 | 1180.0 | 1180.7 | 1182.1 |
| 32.5° | 611.9  | 584.3  | 450.5  | 406.8  | 402.8  | 417.6  | 494.9  | 602.5  | 780.6  | 953.5  | 1077.8 |
| 35°   | 266.9  | 266.9  | 266.9  | 266.3  | 266.3  | 265.6  | 264.9  | 264.3  | 263.6  | 262.9  | 262.2  |
| 37.5° | 268.3  | 268.3  | 268.3  | 268.3  | 267.6  | 266.9  | 266.9  | 265.6  | 264.9  | 264.3  | 263.6  |
| 40°   | 269.0  | 269.6  | 269.6  | 269.6  | 269.0  | 269.0  | 268.3  | 266.9  | 266.3  | 264.9  | 263.6  |
| 42.5° | 268.3  | 269.0  | 269.0  | 268.3  | 268.3  | 267.6  | 267.6  | 266.9  | 266.3  | 265.6  | 264.9  |
| 45°   | 259.5  | 260.2  | 258.9  | 258.9  | 258.2  | 258.2  | 258.2  | 258.2  | 258.2  | 258.9  | 258.9  |
| 47.5° | 244.1  | 244.1  | 243.4  | 242.7  | 242.7  | 242.1  | 242.7  | 242.1  | 243.4  | 244.1  | 245.4  |
| 50°   | 225.9  | 225.9  | 224.6  | 223.9  | 223.9  | 223.9  | 223.9  | 224.6  | 225.3  | 226.6  | 227.9  |
| 52.5° | 207.1  | 207.1  | 206.4  | 205.8  | 205.1  | 205.1  | 207.1  | 206.4  | 207.1  | 207.8  | 209.8  |
| 55°   | 188.9  | 189.6  | 188.3  | 188.3  | 187.6  | 187.6  | 187.6  | 188.3  | 188.9  | 189.6  | 191.6  |
| 57.5° | 173.5  | 173.5  | 172.1  | 172.1  | 172.1  | 171.5  | 173.5  | 172.1  | 172.8  | 173.5  | 174.8  |
| 60°   | 158.0  | 157.3  | 157.3  | 156.7  | 156.7  | 156.7  | 158.0  | 157.3  | 157.3  | 158.0  | 159.4  |
| 62.5° | 143.9  | 143.9  | 143.2  | 143.2  | 142.5  | 142.5  | 143.9  | 143.2  | 143.2  | 143.9  | 144.6  |
| 65°   | 127.8  | 127.8  | 127.1  | 126.4  | 128.4  | 126.4  | 128.4  | 127.1  | 128.4  | 129.1  | 130.4  |
| 67.5° | 109.6  | 109.6  | 109.6  | 108.9  | 108.9  | 110.3  | 110.9  | 109.6  | 110.3  | 111.6  | 112.3  |
| 70°   | 93.5   | 93.5   | 92.8   | 92.8   | 92.8   | 94.1   | 94.8   | 93.5   | 94.1   | 94.8   | 96.2   |
| 72.5° | 79.3   | 78.0   | 78.0   | 77.3   | 78.7   | 78.7   | 79.3   | 78.7   | 79.3   | 79.3   | 80.7   |
| 75°   | 65.2   | 63.9   | 63.9   | 63.9   | 65.2   | 64.5   | 65.2   | 64.5   | 65.2   | 65.2   | 65.9   |
| 77.5° | 52.4   | 51.8   | 51.1   | 51.1   | 52.4   | 52.4   | 52.4   | 51.8   | 52.4   | 53.1   | 53.8   |
| 80°   | 41.0   | 40.3   | 39.7   | 39.7   | 41.0   | 41.0   | 41.0   | 41.7   | 41.0   | 41.7   | 42.4   |
| 82.5° | 30.3   | 29.6   | 28.9   | 30.3   | 30.3   | 30.3   | 30.3   | 30.9   | 30.3   | 30.9   | 31.6   |
| 85°   | 20.2   | 19.5   | 18.8   | 20.2   | 20.2   | 20.2   | 20.2   | 20.8   | 20.2   | 20.8   | 21.5   |
| 87.5° | 10.8   | 10.1   | 10.1   | 10.8   | 10.8   | 10.8   | 11.4   | 11.4   | 11.4   | 12.1   | 12.1   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



TEST NUMBER: P#

CATALOG NUMBER: 4SNLED-LD5-32SL-RW-UNV-L935-CD1-U

**CANDELA DISTRIBUTION (continued):**

|       | 110°   | 112.5° | 115°   | 117.5° | 120°   | 122.5° | 125°   | 127.5° | 130°   | 132.5° | 135°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 |
| 2.5°  | 1587.5 | 1589.5 | 1588.9 | 1584.8 | 1580.8 | 1576.1 | 1572.7 | 1573.4 | 1580.1 | 1582.1 | 1576.1 |
| 5°    | 1521.0 | 1533.7 | 1533.7 | 1542.5 | 1537.8 | 1533.7 | 1536.4 | 1551.2 | 1558.6 | 1570.0 | 1574.1 |
| 7.5°  | 1452.4 | 1458.4 | 1457.7 | 1466.5 | 1465.1 | 1465.1 | 1467.2 | 1486.7 | 1496.1 | 1505.5 | 1508.2 |
| 10°   | 1414.0 | 1420.1 | 1419.4 | 1420.1 | 1418.1 | 1413.4 | 1413.4 | 1422.1 | 1430.2 | 1434.9 | 1436.2 |
| 12.5° | 1386.5 | 1389.8 | 1389.2 | 1389.2 | 1387.8 | 1383.8 | 1383.1 | 1390.5 | 1399.2 | 1405.3 | 1406.0 |
| 15°   | 1345.5 | 1354.9 | 1356.9 | 1365.6 | 1363.6 | 1358.2 | 1359.6 | 1365.6 | 1371.0 | 1376.4 | 1374.4 |
| 17.5° | 1284.3 | 1289.0 | 1289.6 | 1293.0 | 1291.7 | 1291.7 | 1299.7 | 1321.9 | 1336.7 | 1349.5 | 1350.8 |
| 20°   | 1249.3 | 1252.7 | 1251.3 | 1258.7 | 1255.4 | 1254.7 | 1256.7 | 1266.1 | 1272.8 | 1278.9 | 1289.6 |
| 22.5° | 1232.5 | 1235.2 | 1233.2 | 1233.8 | 1227.8 | 1222.4 | 1221.1 | 1228.5 | 1235.9 | 1243.9 | 1243.9 |
| 25°   | 1218.4 | 1220.4 | 1219.7 | 1218.4 | 1213.7 | 1206.3 | 1204.9 | 1206.3 | 1209.0 | 1209.6 | 1204.9 |
| 27.5° | 1201.6 | 1202.9 | 1202.9 | 1203.6 | 1197.5 | 1190.8 | 1189.5 | 1188.1 | 1190.8 | 1190.1 | 1182.7 |
| 30°   | 1184.1 | 1182.1 | 1182.7 | 1183.4 | 1178.0 | 1172.0 | 1169.3 | 1168.6 | 1171.3 | 1170.6 | 1163.2 |
| 32.5° | 1142.4 | 1157.9 | 1159.2 | 1160.6 | 1155.8 | 1150.5 | 1147.8 | 1145.8 | 1147.1 | 1146.4 | 1139.7 |
| 35°   | 261.6  | 266.3  | 326.1  | 738.3  | 1002.5 | 1110.1 | 1121.6 | 1118.9 | 1119.5 | 1119.5 | 1114.2 |
| 37.5° | 262.2  | 261.6  | 260.9  | 258.9  | 256.9  | 255.5  | 441.8  | 942.0  | 1091.3 | 1092.0 | 1087.3 |
| 40°   | 262.2  | 261.6  | 260.9  | 259.5  | 256.9  | 254.8  | 251.5  | 248.8  | 254.8  | 560.8  | 1026.1 |
| 42.5° | 263.6  | 262.2  | 260.9  | 259.5  | 256.9  | 254.2  | 251.5  | 248.1  | 250.1  | 248.8  | 245.4  |
| 45°   | 259.5  | 258.9  | 258.9  | 258.2  | 256.9  | 254.2  | 250.8  | 246.8  | 244.8  | 246.8  | 243.4  |
| 47.5° | 246.8  | 247.4  | 249.5  | 250.1  | 250.1  | 250.8  | 248.8  | 246.1  | 242.7  | 244.8  | 240.7  |
| 50°   | 229.3  | 230.6  | 231.3  | 234.7  | 236.0  | 238.7  | 239.4  | 239.4  | 238.7  | 241.4  | 238.7  |
| 52.5° | 210.5  | 211.8  | 215.2  | 216.5  | 217.9  | 221.9  | 223.2  | 225.3  | 226.6  | 230.6  | 233.3  |
| 55°   | 192.3  | 193.0  | 194.3  | 197.0  | 199.0  | 202.4  | 204.4  | 206.4  | 209.8  | 211.8  | 219.9  |
| 57.5° | 175.5  | 176.2  | 178.9  | 179.5  | 180.9  | 183.6  | 185.6  | 188.3  | 191.0  | 192.3  | 201.7  |
| 60°   | 159.4  | 160.0  | 162.0  | 162.7  | 163.4  | 166.1  | 168.1  | 170.1  | 172.1  | 173.5  | 180.2  |
| 62.5° | 145.2  | 145.2  | 147.3  | 147.3  | 147.9  | 149.9  | 151.3  | 152.6  | 154.7  | 155.3  | 158.7  |
| 65°   | 131.1  | 131.8  | 133.1  | 133.1  | 133.8  | 135.2  | 135.8  | 136.5  | 138.5  | 138.5  | 141.2  |
| 67.5° | 113.6  | 114.3  | 116.3  | 117.7  | 118.3  | 121.0  | 121.7  | 122.4  | 123.7  | 124.4  | 125.7  |
| 70°   | 96.8   | 97.5   | 99.5   | 100.2  | 100.9  | 102.9  | 104.2  | 106.2  | 108.3  | 110.3  | 111.6  |
| 72.5° | 81.4   | 82.0   | 84.0   | 84.0   | 86.1   | 86.7   | 88.1   | 88.8   | 90.8   | 92.1   | 94.1   |
| 75°   | 66.6   | 67.2   | 69.3   | 69.3   | 71.3   | 71.9   | 72.6   | 73.3   | 74.6   | 76.0   | 77.3   |
| 77.5° | 54.5   | 54.5   | 57.2   | 58.5   | 59.8   | 59.8   | 60.5   | 60.5   | 60.5   | 61.2   | 62.5   |
| 80°   | 43.0   | 43.0   | 45.1   | 46.4   | 47.7   | 47.7   | 48.4   | 49.1   | 49.8   | 49.8   | 50.4   |
| 82.5° | 32.3   | 32.3   | 34.3   | 35.0   | 36.3   | 36.3   | 36.3   | 37.0   | 37.7   | 37.0   | 38.3   |
| 85°   | 22.2   | 22.2   | 23.5   | 24.2   | 25.6   | 25.6   | 25.6   | 26.2   | 26.9   | 26.2   | 26.9   |
| 87.5° | 12.8   | 13.4   | 14.1   | 14.8   | 15.5   | 16.1   | 16.1   | 16.1   | 16.8   | 16.8   | 17.5   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



TEST NUMBER: P#

CATALOG NUMBER: 4SNLED-LD5-32SL-RW-UNV-L935-CD1-U

**CANDELA DISTRIBUTION (continued):**

|       | 137.5° | 140°   | 142.5° | 145°   | 147.5° | 150°   | 152.5° | 155°   | 157.5° | 160°   | 162.5° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 |
| 2.5°  | 1569.4 | 1561.3 | 1560.6 | 1551.2 | 1548.5 | 1549.2 | 1541.8 | 1539.1 | 1527.0 | 1524.3 | 1511.5 |
| 5°    | 1575.4 | 1579.5 | 1577.4 | 1576.8 | 1578.8 | 1577.4 | 1572.1 | 1569.4 | 1567.3 | 1562.0 | 1551.2 |
| 7.5°  | 1508.8 | 1511.5 | 1513.6 | 1522.3 | 1529.7 | 1542.5 | 1555.9 | 1564.7 | 1571.4 | 1572.7 | 1564.0 |
| 10°   | 1440.9 | 1453.7 | 1462.5 | 1475.9 | 1486.7 | 1494.1 | 1502.1 | 1509.5 | 1529.0 | 1548.5 | 1560.0 |
| 12.5° | 1406.0 | 1409.3 | 1408.7 | 1416.1 | 1423.5 | 1443.0 | 1461.8 | 1472.5 | 1487.3 | 1496.1 | 1516.9 |
| 15°   | 1376.4 | 1377.1 | 1379.1 | 1384.5 | 1388.5 | 1395.2 | 1404.0 | 1420.1 | 1449.7 | 1463.1 | 1474.6 |
| 17.5° | 1349.5 | 1349.5 | 1350.8 | 1355.5 | 1360.9 | 1367.0 | 1372.4 | 1379.1 | 1393.9 | 1416.1 | 1444.3 |
| 20°   | 1306.5 | 1325.3 | 1327.3 | 1326.6 | 1329.3 | 1340.8 | 1342.1 | 1354.2 | 1361.6 | 1370.3 | 1397.9 |
| 22.5° | 1242.6 | 1254.0 | 1270.2 | 1295.0 | 1304.4 | 1309.8 | 1313.9 | 1319.2 | 1330.7 | 1340.8 | 1352.2 |
| 25°   | 1207.6 | 1215.0 | 1219.7 | 1227.1 | 1246.6 | 1278.2 | 1284.3 | 1290.3 | 1297.7 | 1305.1 | 1319.2 |
| 27.5° | 1176.7 | 1176.0 | 1179.4 | 1186.1 | 1191.5 | 1208.3 | 1237.9 | 1261.4 | 1262.8 | 1273.5 | 1285.6 |
| 30°   | 1154.5 | 1150.5 | 1145.8 | 1144.4 | 1151.8 | 1160.6 | 1169.3 | 1206.3 | 1231.8 | 1237.2 | 1250.0 |
| 32.5° | 1133.7 | 1126.9 | 1120.2 | 1114.8 | 1110.1 | 1117.5 | 1122.9 | 1139.0 | 1172.0 | 1202.9 | 1209.6 |
| 35°   | 1108.1 | 1101.4 | 1093.3 | 1087.3 | 1079.9 | 1079.2 | 1078.5 | 1094.0 | 1104.7 | 1141.7 | 1174.0 |
| 37.5° | 1081.9 | 1074.5 | 1067.8 | 1061.0 | 1053.6 | 1048.3 | 1044.9 | 1048.9 | 1059.0 | 1075.2 | 1128.9 |
| 40°   | 1054.3 | 1045.6 | 1038.8 | 1033.5 | 1023.4 | 1019.3 | 1012.6 | 1009.9 | 1010.6 | 1024.7 | 1053.0 |
| 42.5° | 630.0  | 1004.6 | 1007.9 | 1001.9 | 993.1  | 987.7  | 980.3  | 977.0  | 970.3  | 977.0  | 993.1  |
| 45°   | 242.7  | 245.4  | 734.9  | 970.9  | 960.2  | 953.5  | 946.7  | 943.4  | 936.0  | 930.6  | 945.4  |
| 47.5° | 238.0  | 240.7  | 235.3  | 333.5  | 916.5  | 918.5  | 910.4  | 907.1  | 899.7  | 895.6  | 891.6  |
| 50°   | 234.7  | 236.7  | 232.6  | 234.0  | 229.3  | 839.8  | 873.4  | 869.4  | 861.3  | 856.6  | 848.6  |
| 52.5° | 231.3  | 231.3  | 228.6  | 225.3  | 223.9  | 224.6  | 706.7  | 831.1  | 821.7  | 817.0  | 806.2  |
| 55°   | 220.5  | 221.9  | 224.6  | 219.2  | 217.9  | 217.2  | 215.2  | 673.1  | 778.0  | 772.6  | 763.2  |
| 57.5° | 204.4  | 207.1  | 214.5  | 213.1  | 213.1  | 207.8  | 206.4  | 206.4  | 624.7  | 727.5  | 718.1  |
| 60°   | 185.6  | 188.3  | 196.3  | 199.0  | 201.0  | 199.7  | 198.4  | 197.7  | 195.0  | 658.3  | 670.4  |
| 62.5° | 166.1  | 168.8  | 171.5  | 180.2  | 182.9  | 186.3  | 190.3  | 188.3  | 185.6  | 185.6  | 619.9  |
| 65°   | 145.2  | 149.3  | 150.6  | 158.7  | 162.0  | 168.1  | 171.5  | 176.2  | 174.8  | 174.1  | 177.5  |
| 67.5° | 127.1  | 131.8  | 132.5  | 135.8  | 141.9  | 144.6  | 148.6  | 157.3  | 161.4  | 162.7  | 164.1  |
| 70°   | 111.6  | 114.3  | 116.3  | 117.7  | 121.7  | 122.4  | 129.8  | 135.8  | 141.9  | 148.6  | 150.6  |
| 72.5° | 96.2   | 98.2   | 102.2  | 100.9  | 102.2  | 104.9  | 108.9  | 113.0  | 119.0  | 128.4  | 134.5  |
| 75°   | 78.7   | 80.0   | 82.7   | 84.0   | 86.7   | 88.8   | 91.4   | 94.8   | 100.2  | 104.9  | 113.0  |
| 77.5° | 63.2   | 63.9   | 65.9   | 66.6   | 69.3   | 71.3   | 76.0   | 78.0   | 81.4   | 84.7   | 89.4   |
| 80°   | 51.1   | 51.1   | 51.8   | 51.8   | 53.8   | 55.8   | 59.2   | 61.2   | 65.2   | 67.9   | 67.9   |
| 82.5° | 39.0   | 39.0   | 41.0   | 41.0   | 42.4   | 42.4   | 44.4   | 44.4   | 46.4   | 47.7   | 49.1   |
| 85°   | 27.6   | 28.2   | 29.6   | 28.9   | 30.3   | 29.6   | 30.9   | 32.3   | 32.9   | 32.3   | 31.6   |
| 87.5° | 18.2   | 18.2   | 19.5   | 18.8   | 19.5   | 19.5   | 20.8   | 20.8   | 21.5   | 21.5   | 20.8   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



TEST NUMBER: P#

CATALOG NUMBER: 4SNLED-LD5-32SL-RW-UNV-L935-CD1-U

**CANDELA DISTRIBUTION (continued):**

|       | 165°   | 167.5° | 170°   | 172.5° | 175°   | 177.5° | 180°   | 182.5° | 185°   | 187.5° | 190°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 |
| 2.5°  | 1506.8 | 1496.7 | 1490.7 | 1483.3 | 1481.3 | 1479.3 | 1482.0 | 1482.0 | 1477.9 | 1474.6 | 1468.5 |
| 5°    | 1541.8 | 1531.0 | 1519.6 | 1507.5 | 1496.1 | 1484.0 | 1479.3 | 1478.6 | 1471.2 | 1467.2 | 1465.1 |
| 7.5°  | 1560.0 | 1554.6 | 1541.8 | 1525.0 | 1507.5 | 1486.0 | 1476.6 | 1471.2 | 1463.8 | 1462.5 | 1462.5 |
| 10°   | 1562.0 | 1555.9 | 1549.2 | 1537.1 | 1516.9 | 1488.7 | 1470.5 | 1459.8 | 1453.0 | 1457.7 | 1466.5 |
| 12.5° | 1542.5 | 1553.9 | 1547.8 | 1539.8 | 1523.6 | 1489.4 | 1463.1 | 1447.0 | 1445.0 | 1457.1 | 1479.9 |
| 15°   | 1492.7 | 1526.3 | 1543.1 | 1535.1 | 1522.3 | 1488.0 | 1451.0 | 1432.2 | 1432.2 | 1457.1 | 1486.7 |
| 17.5° | 1455.1 | 1481.3 | 1522.3 | 1529.0 | 1514.2 | 1485.3 | 1439.6 | 1417.4 | 1423.5 | 1459.8 | 1491.4 |
| 20°   | 1424.1 | 1440.3 | 1479.9 | 1517.6 | 1503.5 | 1479.3 | 1422.8 | 1399.9 | 1412.0 | 1455.7 | 1498.1 |
| 22.5° | 1375.7 | 1408.0 | 1432.2 | 1488.0 | 1492.7 | 1467.8 | 1406.0 | 1378.4 | 1402.6 | 1455.7 | 1494.7 |
| 25°   | 1328.6 | 1367.6 | 1393.2 | 1447.7 | 1476.6 | 1453.7 | 1390.5 | 1355.5 | 1392.5 | 1453.7 | 1492.0 |
| 27.5° | 1295.7 | 1313.9 | 1360.3 | 1399.2 | 1452.4 | 1434.9 | 1369.7 | 1330.7 | 1379.8 | 1443.0 | 1476.6 |
| 30°   | 1260.7 | 1272.8 | 1318.6 | 1355.5 | 1420.1 | 1413.4 | 1348.1 | 1303.1 | 1363.6 | 1432.9 | 1436.2 |
| 32.5° | 1222.4 | 1235.9 | 1259.4 | 1313.2 | 1375.0 | 1393.2 | 1323.9 | 1275.5 | 1346.1 | 1417.4 | 1389.2 |
| 35°   | 1183.4 | 1193.5 | 1212.3 | 1270.2 | 1322.6 | 1362.9 | 1294.4 | 1243.9 | 1334.0 | 1393.9 | 1344.1 |
| 37.5° | 1144.4 | 1155.2 | 1171.3 | 1219.7 | 1267.5 | 1334.7 | 1268.8 | 1212.3 | 1311.8 | 1352.2 | 1297.0 |
| 40°   | 1107.4 | 1113.5 | 1130.3 | 1160.6 | 1221.7 | 1305.8 | 1239.9 | 1179.4 | 1289.0 | 1299.1 | 1233.2 |
| 42.5° | 1039.5 | 1069.8 | 1085.2 | 1109.4 | 1170.0 | 1266.1 | 1206.3 | 1144.4 | 1263.4 | 1245.9 | 1169.3 |
| 45°   | 966.2  | 1032.1 | 1038.8 | 1063.1 | 1124.2 | 1223.8 | 1174.7 | 1110.1 | 1239.2 | 1200.2 | 1108.8 |
| 47.5° | 906.4  | 954.1  | 993.1  | 1013.3 | 1069.8 | 1174.0 | 1145.1 | 1081.2 | 1202.9 | 1142.4 | 1049.6 |
| 50°   | 853.3  | 878.8  | 949.4  | 964.2  | 1004.6 | 1114.2 | 1110.1 | 1047.6 | 1152.5 | 1069.8 | 991.8  |
| 52.5° | 801.5  | 819.6  | 883.5  | 915.1  | 948.1  | 1049.6 | 1068.4 | 1014.6 | 1097.3 | 997.2  | 933.3  |
| 55°   | 756.4  | 762.5  | 797.5  | 864.0  | 893.6  | 984.4  | 1022.7 | 976.3  | 1027.4 | 927.9  | 876.8  |
| 57.5° | 710.0  | 704.7  | 730.2  | 815.6  | 837.1  | 917.8  | 974.3  | 937.3  | 970.9  | 857.3  | 818.3  |
| 60°   | 661.6  | 654.2  | 665.0  | 721.5  | 777.3  | 851.9  | 917.1  | 894.3  | 902.4  | 787.4  | 753.1  |
| 62.5° | 611.2  | 603.8  | 600.4  | 636.1  | 718.8  | 784.0  | 859.3  | 846.5  | 818.3  | 723.5  | 672.4  |
| 65°   | 558.8  | 551.4  | 546.0  | 560.1  | 654.2  | 695.9  | 794.8  | 791.4  | 726.2  | 656.3  | 566.2  |
| 67.5° | 170.1  | 501.6  | 490.2  | 489.5  | 551.4  | 615.9  | 724.8  | 719.5  | 633.4  | 584.3  | 487.5  |
| 70°   | 153.3  | 406.8  | 432.3  | 426.3  | 453.2  | 534.6  | 644.8  | 640.8  | 543.3  | 468.7  | 431.0  |
| 72.5° | 140.5  | 143.9  | 381.9  | 375.2  | 381.2  | 454.5  | 561.4  | 550.7  | 460.6  | 369.8  | 372.5  |
| 75°   | 120.4  | 126.4  | 131.8  | 316.7  | 308.6  | 376.5  | 470.7  | 453.9  | 379.9  | 305.3  | 311.3  |
| 77.5° | 98.2   | 105.6  | 109.6  | 230.6  | 249.5  | 268.3  | 375.9  | 353.7  | 261.6  | 244.1  | 116.3  |
| 80°   | 73.3   | 79.3   | 86.1   | 92.1   | 189.6  | 187.6  | 279.0  | 256.9  | 182.2  | 152.0  | 90.8   |
| 82.5° | 53.8   | 55.8   | 59.8   | 66.6   | 75.3   | 125.7  | 179.5  | 158.0  | 126.4  | 69.3   | 62.5   |
| 85°   | 33.6   | 36.3   | 38.3   | 40.3   | 45.7   | 75.3   | 88.8   | 70.6   | 53.1   | 42.4   | 39.7   |
| 87.5° | 21.5   | 21.5   | 20.8   | 21.5   | 22.2   | 26.9   | 30.3   | 28.9   | 22.9   | 21.5   | 21.5   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



TEST NUMBER: P#

CATALOG NUMBER: 4SNLED-LD5-32SL-RW-UNV-L935-CD1-U

**CANDELA DISTRIBUTION (continued):**

|       | 192.5° | 195°   | 197.5° | 200°   | 202.5° | 205°   | 207.5° | 210°   | 212.5° | 215°   | 217.5° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 |
| 2.5°  | 1461.8 | 1452.4 | 1452.4 | 1449.7 | 1451.7 | 1451.7 | 1451.0 | 1451.7 | 1456.4 | 1459.1 | 1463.8 |
| 5°    | 1461.1 | 1458.4 | 1464.5 | 1471.9 | 1480.6 | 1491.4 | 1494.1 | 1503.5 | 1512.2 | 1523.6 | 1535.7 |
| 7.5°  | 1469.9 | 1479.3 | 1490.7 | 1502.8 | 1520.3 | 1533.1 | 1544.5 | 1555.9 | 1564.0 | 1574.7 | 1581.5 |
| 10°   | 1482.6 | 1501.5 | 1521.0 | 1536.4 | 1555.2 | 1566.0 | 1573.4 | 1574.7 | 1563.3 | 1545.2 | 1530.4 |
| 12.5° | 1500.8 | 1523.0 | 1541.1 | 1555.9 | 1564.7 | 1560.6 | 1539.1 | 1516.9 | 1504.1 | 1485.3 | 1459.1 |
| 15°   | 1516.2 | 1536.4 | 1555.2 | 1549.2 | 1525.7 | 1503.5 | 1486.7 | 1460.4 | 1434.9 | 1417.4 | 1406.0 |
| 17.5° | 1523.0 | 1542.5 | 1535.7 | 1504.1 | 1482.0 | 1456.4 | 1422.1 | 1401.9 | 1385.1 | 1371.7 | 1365.0 |
| 20°   | 1527.0 | 1523.6 | 1487.3 | 1464.5 | 1421.4 | 1397.9 | 1375.7 | 1356.9 | 1344.1 | 1337.4 | 1336.0 |
| 22.5° | 1516.2 | 1475.2 | 1444.3 | 1403.3 | 1371.7 | 1352.2 | 1334.7 | 1319.2 | 1310.5 | 1305.1 | 1301.8 |
| 25°   | 1480.6 | 1432.9 | 1387.1 | 1354.9 | 1328.0 | 1311.2 | 1297.7 | 1284.9 | 1274.2 | 1271.5 | 1264.8 |
| 27.5° | 1430.9 | 1391.9 | 1331.3 | 1306.5 | 1282.9 | 1274.9 | 1260.1 | 1247.3 | 1237.9 | 1229.8 | 1208.3 |
| 30°   | 1389.8 | 1328.0 | 1284.3 | 1261.4 | 1247.3 | 1237.9 | 1221.1 | 1207.6 | 1191.5 | 1161.9 | 1149.8 |
| 32.5° | 1339.4 | 1278.2 | 1236.5 | 1223.8 | 1206.3 | 1198.2 | 1179.4 | 1149.8 | 1124.9 | 1112.8 | 1112.1 |
| 35°   | 1274.2 | 1223.8 | 1193.5 | 1182.1 | 1167.9 | 1154.5 | 1115.5 | 1088.6 | 1076.5 | 1077.8 | 1087.9 |
| 37.5° | 1219.7 | 1174.7 | 1155.2 | 1139.0 | 1122.9 | 1088.6 | 1055.7 | 1042.9 | 1046.2 | 1053.0 | 1057.7 |
| 40°   | 1164.6 | 1130.3 | 1108.1 | 1095.3 | 1059.0 | 1025.4 | 1007.9 | 1012.6 | 1018.7 | 1023.4 | 1029.4 |
| 42.5° | 1110.8 | 1086.6 | 1064.4 | 1039.5 | 989.8  | 971.6  | 975.6  | 981.7  | 987.1  | 993.8  | 999.8  |
| 45°   | 1059.7 | 1038.2 | 1012.6 | 956.1  | 931.3  | 936.0  | 942.0  | 946.7  | 954.8  | 959.5  | 965.6  |
| 47.5° | 1011.3 | 988.4  | 943.4  | 893.6  | 890.9  | 900.3  | 905.7  | 911.8  | 917.8  | 905.7  | 499.6  |
| 50°   | 956.8  | 933.3  | 864.7  | 845.9  | 851.9  | 860.7  | 867.4  | 873.4  | 778.0  | 309.3  | 238.0  |
| 52.5° | 903.0  | 843.2  | 799.5  | 804.9  | 810.9  | 821.0  | 825.7  | 613.2  | 244.1  | 232.6  | 233.3  |
| 55°   | 843.2  | 766.5  | 753.8  | 760.5  | 765.9  | 775.9  | 514.4  | 225.3  | 223.9  | 223.2  | 228.6  |
| 57.5° | 749.0  | 702.7  | 708.0  | 714.8  | 720.1  | 508.3  | 219.2  | 217.9  | 218.5  | 219.2  | 219.9  |
| 60°   | 665.0  | 654.9  | 661.0  | 667.0  | 472.0  | 211.8  | 207.8  | 208.4  | 211.1  | 209.1  | 203.7  |
| 62.5° | 598.4  | 606.5  | 612.6  | 536.6  | 201.0  | 199.0  | 201.0  | 199.0  | 194.3  | 191.0  | 184.2  |
| 65°   | 547.3  | 555.4  | 560.1  | 188.9  | 188.3  | 191.0  | 188.9  | 182.2  | 174.8  | 165.4  | 163.4  |
| 67.5° | 493.5  | 501.6  | 179.5  | 174.8  | 177.5  | 174.1  | 166.1  | 158.0  | 152.6  | 144.6  | 141.2  |
| 70°   | 437.7  | 187.6  | 162.7  | 162.0  | 157.3  | 152.0  | 143.2  | 135.2  | 128.4  | 125.1  | 121.7  |
| 72.5° | 316.0  | 148.6  | 146.6  | 141.2  | 133.1  | 125.7  | 118.3  | 113.6  | 110.3  | 108.3  | 106.2  |
| 75°   | 131.8  | 129.1  | 123.0  | 113.6  | 105.6  | 102.2  | 96.8   | 93.5   | 92.1   | 88.1   | 86.7   |
| 77.5° | 110.3  | 104.9  | 96.2   | 89.4   | 84.7   | 82.7   | 78.7   | 74.6   | 72.6   | 71.9   | 69.3   |
| 80°   | 84.7   | 77.3   | 73.3   | 69.9   | 68.6   | 63.9   | 59.2   | 57.2   | 55.8   | 55.1   | 53.1   |
| 82.5° | 57.8   | 55.1   | 52.4   | 47.7   | 47.7   | 45.7   | 43.7   | 42.4   | 41.0   | 41.0   | 39.7   |
| 85°   | 37.7   | 35.6   | 35.0   | 32.9   | 32.9   | 31.6   | 30.9   | 30.3   | 29.6   | 28.9   | 28.2   |
| 87.5° | 21.5   | 21.5   | 22.2   | 21.5   | 21.5   | 20.8   | 20.2   | 19.5   | 18.8   | 18.8   | 17.5   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



TEST NUMBER: P#

CATALOG NUMBER: 4SNLED-LD5-32SL-RW-UNV-L935-CD1-U

**CANDELA DISTRIBUTION (continued):**

|       | 220°   | 222.5° | 225°   | 227.5° | 230°   | 232.5° | 235°   | 237.5° | 240°   | 242.5° | 245°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 |
| 2.5°  | 1469.9 | 1476.6 | 1477.9 | 1500.8 | 1513.6 | 1512.9 | 1508.8 | 1521.0 | 1513.6 | 1509.5 | 1513.6 |
| 5°    | 1547.8 | 1555.9 | 1562.6 | 1587.5 | 1596.3 | 1600.3 | 1599.6 | 1606.3 | 1601.0 | 1596.3 | 1596.3 |
| 7.5°  | 1586.2 | 1588.9 | 1591.6 | 1585.5 | 1581.5 | 1574.7 | 1564.7 | 1549.9 | 1542.5 | 1534.4 | 1524.3 |
| 10°   | 1523.0 | 1514.2 | 1517.6 | 1505.5 | 1495.4 | 1488.0 | 1478.6 | 1466.5 | 1456.4 | 1449.0 | 1437.6 |
| 12.5° | 1445.6 | 1445.0 | 1446.3 | 1448.3 | 1438.2 | 1432.2 | 1424.8 | 1416.1 | 1408.7 | 1400.6 | 1391.2 |
| 15°   | 1398.6 | 1399.2 | 1404.6 | 1402.6 | 1399.2 | 1395.9 | 1387.8 | 1385.1 | 1378.4 | 1369.7 | 1364.3 |
| 17.5° | 1365.0 | 1368.3 | 1373.7 | 1371.0 | 1365.6 | 1362.3 | 1356.2 | 1350.2 | 1344.1 | 1337.4 | 1329.3 |
| 20°   | 1335.4 | 1338.7 | 1342.1 | 1338.7 | 1328.6 | 1323.9 | 1315.9 | 1297.0 | 1283.6 | 1270.2 | 1258.0 |
| 22.5° | 1303.1 | 1305.1 | 1302.4 | 1291.7 | 1266.1 | 1254.0 | 1244.6 | 1239.2 | 1227.8 | 1220.4 | 1213.0 |
| 25°   | 1262.8 | 1251.3 | 1233.8 | 1221.7 | 1211.7 | 1206.3 | 1202.2 | 1201.6 | 1200.2 | 1198.9 | 1195.5 |
| 27.5° | 1196.9 | 1192.8 | 1183.4 | 1178.7 | 1179.4 | 1181.4 | 1182.1 | 1184.1 | 1182.1 | 1179.4 | 1176.7 |
| 30°   | 1147.8 | 1149.8 | 1150.5 | 1151.8 | 1155.2 | 1157.2 | 1157.9 | 1160.6 | 1159.2 | 1157.2 | 1155.8 |
| 32.5° | 1116.8 | 1121.6 | 1124.2 | 1128.3 | 1130.3 | 1133.7 | 1133.7 | 1137.7 | 1133.7 | 1133.0 | 1131.6 |
| 35°   | 1091.3 | 1095.3 | 1096.7 | 1102.7 | 1104.7 | 1108.1 | 1108.1 | 1111.5 | 1108.1 | 1073.8 | 847.9  |
| 37.5° | 1065.7 | 1069.8 | 1072.5 | 1077.8 | 1078.5 | 1080.5 | 997.2  | 729.5  | 470.7  | 364.4  | 278.4  |
| 40°   | 1035.5 | 1040.2 | 1042.9 | 1044.9 | 734.3  | 466.0  | 320.7  | 260.9  | 260.9  | 262.9  | 264.9  |
| 42.5° | 1003.2 | 1006.6 | 701.3  | 408.1  | 254.2  | 253.5  | 255.5  | 257.5  | 259.5  | 262.2  | 264.9  |
| 45°   | 788.7  | 398.1  | 252.8  | 246.8  | 248.8  | 251.5  | 254.2  | 256.9  | 260.2  | 262.9  | 264.3  |
| 47.5° | 258.9  | 242.7  | 246.1  | 243.4  | 246.8  | 250.1  | 252.8  | 255.5  | 256.2  | 256.9  | 256.2  |
| 50°   | 239.4  | 239.4  | 241.4  | 241.4  | 244.1  | 245.4  | 245.4  | 245.4  | 242.7  | 242.1  | 240.0  |
| 52.5° | 231.3  | 236.7  | 234.0  | 235.3  | 234.0  | 232.0  | 230.0  | 227.9  | 223.9  | 222.6  | 219.9  |
| 55°   | 227.3  | 229.3  | 222.6  | 220.5  | 217.9  | 212.5  | 209.8  | 207.1  | 203.7  | 202.4  | 199.0  |
| 57.5° | 217.9  | 213.1  | 205.8  | 202.4  | 197.7  | 192.3  | 189.6  | 187.6  | 184.2  | 182.9  | 180.9  |
| 60°   | 200.4  | 191.0  | 186.3  | 182.2  | 176.8  | 172.1  | 170.1  | 168.8  | 166.1  | 165.4  | 163.4  |
| 62.5° | 178.9  | 170.8  | 166.8  | 161.4  | 157.3  | 154.7  | 152.6  | 152.0  | 149.3  | 149.3  | 147.9  |
| 65°   | 155.3  | 151.3  | 147.9  | 142.5  | 140.5  | 137.8  | 137.2  | 136.5  | 135.2  | 134.5  | 133.1  |
| 67.5° | 136.5  | 133.8  | 129.1  | 126.4  | 125.1  | 123.0  | 121.7  | 120.4  | 117.7  | 116.3  | 114.3  |
| 70°   | 119.7  | 117.7  | 113.0  | 110.9  | 108.3  | 104.9  | 102.9  | 101.5  | 99.5   | 98.2   | 96.2   |
| 72.5° | 103.5  | 97.5   | 94.1   | 92.1   | 90.1   | 86.7   | 86.1   | 84.7   | 82.7   | 82.0   | 80.0   |
| 75°   | 83.4   | 78.7   | 76.7   | 75.3   | 73.3   | 71.3   | 71.3   | 71.3   | 69.3   | 68.6   | 67.9   |
| 77.5° | 66.6   | 63.9   | 62.5   | 61.2   | 60.5   | 59.2   | 57.2   | 56.5   | 54.5   | 54.5   | 53.8   |
| 80°   | 51.1   | 49.8   | 48.4   | 47.7   | 47.1   | 45.7   | 44.4   | 43.7   | 41.7   | 41.7   | 41.0   |
| 82.5° | 37.7   | 37.0   | 36.3   | 35.6   | 35.0   | 34.3   | 32.3   | 31.6   | 30.3   | 30.3   | 29.6   |
| 85°   | 26.9   | 26.2   | 24.9   | 24.2   | 24.2   | 23.5   | 21.5   | 20.8   | 19.5   | 19.5   | 19.5   |
| 87.5° | 16.8   | 16.1   | 15.5   | 14.8   | 14.1   | 13.4   | 12.1   | 11.4   | 11.4   | 10.1   | 9.4    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



TEST NUMBER: P#

CATALOG NUMBER: 4SNLED-LD5-32SL-RW-UNV-L935-CD1-U

**CANDELA DISTRIBUTION (continued):**

|       | 247.5° | 250°   | 252.5° | 255°   | 257.5° | 260°   | 262.5° | 265°   | 267.5° | 270°   | 272.5° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 |
| 2.5°  | 1505.5 | 1516.9 | 1515.6 | 1523.6 | 1525.7 | 1529.7 | 1531.0 | 1531.7 | 1521.6 | 1529.7 | 1530.4 |
| 5°    | 1594.2 | 1596.3 | 1597.6 | 1601.0 | 1604.3 | 1605.0 | 1601.6 | 1597.6 | 1599.0 | 1596.3 | 1589.5 |
| 7.5°  | 1523.0 | 1512.9 | 1510.9 | 1508.2 | 1506.8 | 1505.5 | 1499.4 | 1504.8 | 1498.8 | 1496.1 | 1486.7 |
| 10°   | 1435.6 | 1426.1 | 1425.5 | 1425.5 | 1427.5 | 1426.8 | 1425.5 | 1422.8 | 1428.2 | 1424.8 | 1422.8 |
| 12.5° | 1389.8 | 1386.5 | 1388.5 | 1387.1 | 1392.5 | 1393.9 | 1392.5 | 1392.5 | 1391.2 | 1388.5 | 1389.8 |
| 15°   | 1362.3 | 1359.6 | 1361.6 | 1359.6 | 1363.6 | 1364.3 | 1360.9 | 1362.9 | 1359.6 | 1356.2 | 1354.9 |
| 17.5° | 1326.0 | 1319.9 | 1315.2 | 1308.5 | 1309.1 | 1307.8 | 1303.8 | 1303.8 | 1300.4 | 1291.7 | 1292.3 |
| 20°   | 1256.0 | 1250.0 | 1247.3 | 1247.3 | 1250.7 | 1252.0 | 1251.3 | 1252.7 | 1249.3 | 1248.0 | 1242.6 |
| 22.5° | 1212.3 | 1211.7 | 1213.0 | 1216.4 | 1221.7 | 1229.1 | 1229.8 | 1229.8 | 1229.8 | 1229.1 | 1222.4 |
| 25°   | 1196.9 | 1196.9 | 1198.2 | 1202.9 | 1206.9 | 1212.3 | 1213.7 | 1215.0 | 1213.7 | 1213.7 | 1207.6 |
| 27.5° | 1179.4 | 1178.0 | 1180.7 | 1185.4 | 1190.1 | 1194.2 | 1197.5 | 1198.2 | 1196.2 | 1196.2 | 1198.2 |
| 30°   | 1157.9 | 1157.2 | 1160.6 | 1165.3 | 1169.3 | 1173.3 | 1176.7 | 1179.4 | 1176.7 | 1176.7 | 1174.7 |
| 32.5° | 1135.7 | 1135.7 | 1137.0 | 1108.8 | 1028.1 | 925.9  | 927.9  | 868.7  | 827.7  | 775.9  | 844.5  |
| 35°   | 708.7  | 515.7  | 443.1  | 375.2  | 327.5  | 296.5  | 295.9  | 285.8  | 281.1  | 277.7  | 277.0  |
| 37.5° | 267.6  | 269.0  | 271.6  | 273.0  | 275.0  | 276.4  | 277.0  | 277.0  | 277.0  | 277.0  | 276.4  |
| 40°   | 266.9  | 269.6  | 271.6  | 273.7  | 275.7  | 277.0  | 277.0  | 277.7  | 278.4  | 278.4  | 278.4  |
| 42.5° | 267.6  | 270.3  | 273.0  | 275.0  | 276.4  | 277.0  | 277.7  | 278.4  | 278.4  | 278.4  | 278.4  |
| 45°   | 266.9  | 268.3  | 268.3  | 269.0  | 269.0  | 269.0  | 269.6  | 269.6  | 269.0  | 268.3  | 269.6  |
| 47.5° | 256.9  | 256.9  | 254.8  | 254.2  | 253.5  | 252.1  | 252.8  | 252.1  | 251.5  | 250.8  | 252.1  |
| 50°   | 239.4  | 236.7  | 235.3  | 234.0  | 233.3  | 232.0  | 232.6  | 232.0  | 231.3  | 230.0  | 232.0  |
| 52.5° | 218.5  | 217.9  | 215.2  | 213.8  | 213.1  | 213.8  | 212.5  | 211.8  | 211.1  | 210.5  | 211.1  |
| 55°   | 198.4  | 195.7  | 195.0  | 193.6  | 193.0  | 193.6  | 193.0  | 192.3  | 191.6  | 191.0  | 191.6  |
| 57.5° | 180.2  | 178.2  | 177.5  | 176.2  | 176.2  | 176.2  | 176.2  | 175.5  | 174.8  | 174.1  | 174.8  |
| 60°   | 162.7  | 161.4  | 160.7  | 160.7  | 160.0  | 160.0  | 160.0  | 159.4  | 158.7  | 158.7  | 159.4  |
| 62.5° | 147.9  | 147.9  | 145.9  | 145.2  | 145.2  | 145.9  | 145.2  | 144.6  | 143.9  | 143.2  | 144.6  |
| 65°   | 132.5  | 129.8  | 129.1  | 127.8  | 126.4  | 127.1  | 126.4  | 125.7  | 125.1  | 124.4  | 125.7  |
| 67.5° | 113.6  | 113.0  | 110.3  | 108.9  | 108.3  | 108.9  | 108.3  | 107.6  | 106.9  | 106.2  | 107.6  |
| 70°   | 95.5   | 95.5   | 92.8   | 92.1   | 91.4   | 91.4   | 90.8   | 90.8   | 90.1   | 89.4   | 90.8   |
| 72.5° | 79.3   | 79.3   | 78.7   | 77.3   | 76.7   | 76.0   | 75.3   | 74.6   | 74.6   | 75.3   | 75.3   |
| 75°   | 65.9   | 64.5   | 61.9   | 62.5   | 61.9   | 61.2   | 61.2   | 60.5   | 59.8   | 61.2   | 60.5   |
| 77.5° | 51.8   | 51.1   | 49.1   | 49.8   | 49.1   | 48.4   | 48.4   | 47.7   | 47.1   | 47.7   | 47.7   |
| 80°   | 39.0   | 39.0   | 38.3   | 37.7   | 37.7   | 37.0   | 36.3   | 36.3   | 35.6   | 36.3   | 36.3   |
| 82.5° | 28.2   | 28.2   | 27.6   | 26.9   | 26.2   | 26.2   | 25.6   | 25.6   | 25.6   | 25.6   | 25.6   |
| 85°   | 18.2   | 17.5   | 17.5   | 16.1   | 16.1   | 16.1   | 15.5   | 15.5   | 15.5   | 15.5   | 15.5   |
| 87.5° | 8.7    | 8.7    | 8.1    | 8.1    | 7.4    | 6.7    | 6.7    | 6.1    | 6.1    | 6.7    | 6.7    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



TEST NUMBER: P#

CATALOG NUMBER: 4SNLED-LD5-32SL-RW-UNV-L935-CD1-U

**CANDELA DISTRIBUTION (continued):**

|       | 275°   | 277.5° | 280°   | 282.5° | 285°   | 287.5° | 290°   | 292.5° | 295°   | 297.5° | 300°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 |
| 2.5°  | 1518.3 | 1527.0 | 1519.6 | 1523.0 | 1523.6 | 1535.1 | 1534.4 | 1537.1 | 1532.4 | 1527.0 | 1519.6 |
| 5°    | 1595.6 | 1591.6 | 1586.2 | 1599.0 | 1592.2 | 1600.3 | 1603.0 | 1608.4 | 1608.4 | 1607.7 | 1601.6 |
| 7.5°  | 1496.7 | 1488.0 | 1494.7 | 1499.4 | 1501.5 | 1496.1 | 1506.8 | 1518.9 | 1529.0 | 1535.1 | 1535.7 |
| 10°   | 1419.4 | 1422.1 | 1421.4 | 1423.5 | 1428.2 | 1427.5 | 1434.2 | 1440.9 | 1443.6 | 1447.7 | 1449.0 |
| 12.5° | 1383.1 | 1382.4 | 1383.8 | 1388.5 | 1391.2 | 1390.5 | 1397.2 | 1401.3 | 1402.6 | 1403.3 | 1402.6 |
| 15°   | 1354.2 | 1349.5 | 1352.9 | 1353.5 | 1355.5 | 1355.5 | 1363.6 | 1369.7 | 1372.4 | 1373.7 | 1372.4 |
| 17.5° | 1299.7 | 1288.3 | 1299.1 | 1299.1 | 1306.5 | 1305.1 | 1317.9 | 1328.0 | 1333.4 | 1337.4 | 1337.4 |
| 20°   | 1245.9 | 1240.6 | 1244.6 | 1243.3 | 1248.6 | 1248.0 | 1256.0 | 1262.8 | 1267.5 | 1270.8 | 1274.9 |
| 22.5° | 1224.4 | 1225.8 | 1219.7 | 1220.4 | 1220.4 | 1219.7 | 1223.8 | 1227.1 | 1228.5 | 1230.5 | 1229.1 |
| 25°   | 1210.3 | 1211.7 | 1209.6 | 1206.3 | 1204.9 | 1206.3 | 1208.3 | 1212.3 | 1213.0 | 1211.7 | 1206.9 |
| 27.5° | 1196.2 | 1192.2 | 1195.5 | 1189.5 | 1188.1 | 1190.8 | 1193.5 | 1194.2 | 1194.8 | 1194.8 | 1190.8 |
| 30°   | 1174.7 | 1171.3 | 1174.7 | 1172.0 | 1169.3 | 1172.0 | 1174.0 | 1174.0 | 1175.3 | 1176.0 | 1171.3 |
| 32.5° | 821.0  | 827.7  | 936.6  | 1002.5 | 1095.3 | 1142.4 | 1151.1 | 1151.1 | 1152.5 | 1152.5 | 1148.4 |
| 35°   | 279.7  | 280.4  | 303.2  | 328.8  | 383.3  | 450.5  | 538.6  | 584.3  | 739.0  | 923.9  | 1102.7 |
| 37.5° | 276.4  | 275.7  | 275.0  | 274.3  | 273.7  | 273.0  | 271.6  | 271.0  | 275.0  | 326.1  | 442.4  |
| 40°   | 277.7  | 277.0  | 275.7  | 275.0  | 274.3  | 273.0  | 272.3  | 271.0  | 269.6  | 268.3  | 266.9  |
| 42.5° | 277.7  | 277.0  | 276.4  | 275.7  | 275.0  | 274.3  | 273.0  | 271.6  | 270.3  | 268.3  | 266.3  |
| 45°   | 268.3  | 268.3  | 269.0  | 269.0  | 269.6  | 269.6  | 269.6  | 269.0  | 269.0  | 268.3  | 265.6  |
| 47.5° | 250.8  | 250.8  | 252.8  | 252.8  | 254.2  | 255.5  | 255.5  | 256.9  | 258.9  | 260.2  | 260.9  |
| 50°   | 230.6  | 230.6  | 232.6  | 233.3  | 234.7  | 236.7  | 238.7  | 239.4  | 241.4  | 244.1  | 246.8  |
| 52.5° | 210.5  | 210.5  | 212.5  | 212.5  | 213.8  | 215.8  | 217.9  | 218.5  | 221.2  | 223.9  | 227.3  |
| 55°   | 191.6  | 191.6  | 193.0  | 193.6  | 194.3  | 195.7  | 197.7  | 197.7  | 200.4  | 202.4  | 205.8  |
| 57.5° | 174.8  | 176.2  | 176.2  | 176.2  | 176.8  | 178.2  | 179.5  | 179.5  | 181.5  | 183.6  | 186.3  |
| 60°   | 158.7  | 160.0  | 160.0  | 160.0  | 160.7  | 161.4  | 162.7  | 162.7  | 164.1  | 165.4  | 168.1  |
| 62.5° | 143.9  | 145.2  | 145.2  | 145.9  | 145.9  | 146.6  | 147.9  | 147.3  | 148.6  | 149.3  | 151.3  |
| 65°   | 125.1  | 126.4  | 127.1  | 127.8  | 128.4  | 129.8  | 131.8  | 131.1  | 133.1  | 134.5  | 136.5  |
| 67.5° | 106.9  | 108.3  | 108.3  | 108.9  | 109.6  | 110.9  | 112.3  | 112.3  | 114.3  | 115.7  | 118.3  |
| 70°   | 90.1   | 91.4   | 91.4   | 92.1   | 92.8   | 94.1   | 95.5   | 94.8   | 96.8   | 98.2   | 100.2  |
| 72.5° | 74.6   | 76.0   | 76.0   | 76.7   | 76.7   | 78.0   | 79.3   | 80.7   | 80.7   | 82.0   | 83.4   |
| 75°   | 60.5   | 61.2   | 61.9   | 61.9   | 62.5   | 63.2   | 64.5   | 65.9   | 66.6   | 67.2   | 68.6   |
| 77.5° | 47.7   | 48.4   | 49.1   | 49.1   | 49.8   | 50.4   | 51.1   | 53.8   | 55.1   | 55.8   | 55.8   |
| 80°   | 36.3   | 37.0   | 37.0   | 37.0   | 37.7   | 38.3   | 39.7   | 39.7   | 42.4   | 42.4   | 43.0   |
| 82.5° | 25.6   | 26.2   | 26.2   | 26.2   | 26.9   | 28.2   | 28.9   | 29.6   | 30.9   | 31.6   | 31.6   |
| 85°   | 15.5   | 16.1   | 16.1   | 16.1   | 16.8   | 17.5   | 18.8   | 19.5   | 20.2   | 20.2   | 20.8   |
| 87.5° | 6.1    | 6.7    | 7.4    | 7.4    | 8.1    | 8.7    | 9.4    | 10.1   | 10.8   | 10.8   | 11.4   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |





TEST NUMBER: P#

CATALOG NUMBER: 4SNLED-LD5-32SL-RW-UNV-L935-CD1-U

**CANDELA DISTRIBUTION (continued):**

|       | 302.5° | 305°   | 307.5° | 310°   | 312.5° | 315°   | 317.5° | 320°   | 322.5° | 325°   | 327.5° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 |
| 2.5°  | 1511.5 | 1516.2 | 1511.5 | 1514.2 | 1517.6 | 1511.5 | 1497.4 | 1492.0 | 1490.0 | 1482.0 | 1476.6 |
| 5°    | 1595.6 | 1595.6 | 1593.6 | 1599.0 | 1598.3 | 1588.9 | 1574.1 | 1567.3 | 1560.6 | 1551.9 | 1545.2 |
| 7.5°  | 1535.7 | 1541.1 | 1544.5 | 1565.3 | 1578.8 | 1580.1 | 1589.5 | 1591.6 | 1594.2 | 1591.6 | 1587.5 |
| 10°   | 1449.7 | 1447.7 | 1457.1 | 1476.6 | 1488.0 | 1494.1 | 1512.2 | 1521.0 | 1528.3 | 1543.1 | 1558.6 |
| 12.5° | 1401.3 | 1404.0 | 1408.0 | 1422.1 | 1432.9 | 1430.2 | 1437.6 | 1443.6 | 1452.4 | 1467.2 | 1489.4 |
| 15°   | 1369.0 | 1371.7 | 1375.7 | 1386.5 | 1393.2 | 1389.8 | 1393.9 | 1397.9 | 1404.0 | 1411.4 | 1424.8 |
| 17.5° | 1334.0 | 1338.7 | 1343.4 | 1354.9 | 1360.9 | 1360.3 | 1363.6 | 1365.0 | 1367.0 | 1371.7 | 1381.1 |
| 20°   | 1279.6 | 1294.4 | 1303.8 | 1319.2 | 1328.0 | 1326.6 | 1332.7 | 1334.7 | 1337.4 | 1342.1 | 1346.1 |
| 22.5° | 1229.8 | 1233.8 | 1238.5 | 1255.4 | 1270.2 | 1288.3 | 1292.3 | 1297.7 | 1304.4 | 1309.1 | 1313.2 |
| 25°   | 1201.6 | 1198.9 | 1200.9 | 1212.3 | 1220.4 | 1221.7 | 1227.8 | 1245.3 | 1263.4 | 1271.5 | 1280.9 |
| 27.5° | 1184.8 | 1182.1 | 1181.4 | 1186.8 | 1188.1 | 1184.8 | 1183.4 | 1188.8 | 1202.2 | 1215.7 | 1243.9 |
| 30°   | 1166.6 | 1163.2 | 1160.6 | 1165.3 | 1167.3 | 1162.6 | 1153.8 | 1149.1 | 1157.2 | 1160.6 | 1172.0 |
| 32.5° | 1145.1 | 1141.7 | 1140.4 | 1143.1 | 1144.4 | 1140.4 | 1131.0 | 1125.6 | 1124.2 | 1121.6 | 1124.2 |
| 35°   | 1120.9 | 1117.5 | 1115.5 | 1116.2 | 1118.9 | 1115.5 | 1107.4 | 1100.7 | 1097.3 | 1089.9 | 1084.6 |
| 37.5° | 577.6  | 818.3  | 1062.4 | 1087.9 | 1090.6 | 1089.9 | 1081.9 | 1074.5 | 1071.1 | 1062.4 | 1059.7 |
| 40°   | 264.3  | 295.2  | 443.1  | 578.9  | 835.1  | 1061.0 | 1053.6 | 1046.2 | 1040.2 | 1037.5 | 1027.4 |
| 42.5° | 263.6  | 264.3  | 264.9  | 261.6  | 324.1  | 552.0  | 814.9  | 1017.3 | 1013.3 | 1006.6 | 999.2  |
| 45°   | 263.6  | 260.2  | 262.9  | 258.9  | 260.2  | 259.5  | 323.4  | 521.8  | 928.6  | 970.3  | 966.9  |
| 47.5° | 260.9  | 258.9  | 261.6  | 258.2  | 254.2  | 256.2  | 253.5  | 256.9  | 400.7  | 679.8  | 931.3  |
| 50°   | 248.8  | 250.1  | 254.8  | 254.2  | 250.8  | 253.5  | 248.8  | 252.8  | 249.5  | 273.7  | 527.2  |
| 52.5° | 230.6  | 233.3  | 238.0  | 242.1  | 243.4  | 246.8  | 245.4  | 246.8  | 244.1  | 244.8  | 245.4  |
| 55°   | 209.1  | 212.5  | 216.5  | 222.6  | 225.3  | 230.6  | 234.7  | 236.7  | 240.0  | 239.4  | 234.0  |
| 57.5° | 188.9  | 192.3  | 195.7  | 201.7  | 207.8  | 210.5  | 217.9  | 221.9  | 230.6  | 228.6  | 227.3  |
| 60°   | 170.1  | 172.8  | 176.2  | 177.5  | 184.9  | 189.6  | 196.3  | 200.4  | 211.8  | 214.5  | 218.5  |
| 62.5° | 153.3  | 154.7  | 157.3  | 159.4  | 164.1  | 168.8  | 172.1  | 178.9  | 184.9  | 193.6  | 199.7  |
| 65°   | 137.8  | 139.2  | 141.2  | 142.5  | 143.2  | 149.9  | 152.0  | 159.4  | 161.4  | 170.8  | 176.2  |
| 67.5° | 120.4  | 123.0  | 125.7  | 127.1  | 128.4  | 132.5  | 133.8  | 137.2  | 141.9  | 145.9  | 152.6  |
| 70°   | 102.2  | 104.2  | 106.9  | 108.9  | 111.6  | 114.3  | 118.3  | 120.4  | 123.7  | 126.4  | 131.8  |
| 72.5° | 85.4   | 87.4   | 88.8   | 90.8   | 92.8   | 94.8   | 98.2   | 102.9  | 105.6  | 110.3  | 111.6  |
| 75°   | 69.3   | 71.3   | 72.6   | 74.0   | 76.0   | 77.3   | 78.7   | 83.4   | 86.1   | 90.1   | 94.1   |
| 77.5° | 57.2   | 57.2   | 58.5   | 62.5   | 61.9   | 61.9   | 63.2   | 65.9   | 67.9   | 70.6   | 74.6   |
| 80°   | 44.4   | 45.1   | 45.7   | 49.1   | 49.8   | 50.4   | 49.8   | 51.8   | 53.8   | 54.5   | 57.2   |
| 82.5° | 32.9   | 33.6   | 33.6   | 35.6   | 37.7   | 37.7   | 37.7   | 38.3   | 40.3   | 41.0   | 42.4   |
| 85°   | 22.2   | 22.9   | 23.5   | 24.2   | 25.6   | 26.2   | 26.9   | 26.9   | 28.2   | 28.9   | 29.6   |
| 87.5° | 12.1   | 13.4   | 14.1   | 14.8   | 15.5   | 16.1   | 16.8   | 17.5   | 18.2   | 18.8   | 19.5   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



TEST NUMBER: P#

CATALOG NUMBER: 4SNLED-LD5-32SL-RW-UNV-L935-CD1-U

**CANDELA DISTRIBUTION (continued):**

|       | 330°   | 332.5° | 335°   | 337.5° | 340°   | 342.5° | 345°   | 347.5° | 350°   | 352.5° | 355°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 | 1467.2 |
| 2.5°  | 1474.6 | 1471.2 | 1469.2 | 1463.8 | 1462.5 | 1453.7 | 1455.1 | 1453.7 | 1453.7 | 1455.7 | 1462.5 |
| 5°    | 1537.8 | 1521.6 | 1517.6 | 1506.2 | 1496.7 | 1480.6 | 1470.5 | 1465.1 | 1457.1 | 1453.7 | 1458.4 |
| 7.5°  | 1580.8 | 1568.7 | 1558.6 | 1548.5 | 1535.1 | 1516.2 | 1502.1 | 1486.0 | 1472.5 | 1459.8 | 1456.4 |
| 10°   | 1573.4 | 1586.8 | 1586.8 | 1580.8 | 1568.0 | 1549.2 | 1532.4 | 1512.2 | 1488.7 | 1468.5 | 1456.4 |
| 12.5° | 1510.9 | 1534.4 | 1553.2 | 1567.3 | 1580.1 | 1567.3 | 1550.5 | 1534.4 | 1508.2 | 1478.6 | 1456.4 |
| 15°   | 1442.3 | 1466.5 | 1490.0 | 1519.6 | 1550.5 | 1563.3 | 1562.6 | 1543.8 | 1520.3 | 1489.4 | 1458.4 |
| 17.5° | 1393.9 | 1410.7 | 1423.5 | 1455.7 | 1493.4 | 1526.3 | 1548.5 | 1549.9 | 1527.0 | 1499.4 | 1459.1 |
| 20°   | 1357.6 | 1369.7 | 1380.4 | 1398.6 | 1431.5 | 1471.9 | 1512.9 | 1535.7 | 1531.7 | 1501.5 | 1461.1 |
| 22.5° | 1324.6 | 1333.4 | 1342.1 | 1355.5 | 1381.8 | 1408.0 | 1455.7 | 1502.8 | 1523.0 | 1498.1 | 1459.1 |
| 25°   | 1291.7 | 1301.1 | 1307.8 | 1317.2 | 1338.1 | 1359.6 | 1393.2 | 1451.7 | 1496.7 | 1495.4 | 1455.1 |
| 27.5° | 1252.7 | 1265.4 | 1273.5 | 1286.3 | 1300.4 | 1316.5 | 1339.4 | 1394.5 | 1459.1 | 1482.0 | 1444.3 |
| 30°   | 1205.6 | 1224.4 | 1236.5 | 1250.7 | 1262.8 | 1276.9 | 1295.0 | 1328.6 | 1408.7 | 1455.7 | 1432.9 |
| 32.5° | 1137.7 | 1171.3 | 1198.2 | 1211.7 | 1225.1 | 1237.2 | 1253.3 | 1281.6 | 1346.8 | 1420.1 | 1420.1 |
| 35°   | 1089.3 | 1104.7 | 1128.9 | 1167.9 | 1184.8 | 1196.9 | 1211.7 | 1233.8 | 1275.5 | 1377.7 | 1399.2 |
| 37.5° | 1051.6 | 1057.7 | 1069.8 | 1108.1 | 1139.7 | 1159.2 | 1174.0 | 1188.1 | 1229.1 | 1319.9 | 1372.4 |
| 40°   | 1023.4 | 1021.4 | 1020.0 | 1038.2 | 1083.2 | 1114.2 | 1131.0 | 1145.1 | 1176.7 | 1250.7 | 1336.7 |
| 42.5° | 990.4  | 988.4  | 981.7  | 986.4  | 1008.6 | 1060.4 | 1085.9 | 1101.4 | 1127.6 | 1178.0 | 1297.7 |
| 45°   | 956.1  | 952.8  | 950.1  | 945.4  | 953.5  | 982.4  | 1034.8 | 1057.7 | 1072.5 | 1117.5 | 1248.6 |
| 47.5° | 921.2  | 916.5  | 913.1  | 909.1  | 904.4  | 917.8  | 967.6  | 1008.6 | 1034.1 | 1062.4 | 1189.5 |
| 50°   | 871.4  | 877.5  | 873.4  | 868.7  | 864.7  | 862.0  | 882.9  | 950.1  | 981.7  | 1004.6 | 1117.5 |
| 52.5° | 410.8  | 798.8  | 832.4  | 827.7  | 822.3  | 817.6  | 822.3  | 873.4  | 930.6  | 948.7  | 1030.8 |
| 55°   | 234.0  | 355.7  | 740.3  | 782.7  | 778.0  | 771.2  | 767.2  | 784.7  | 870.1  | 894.3  | 951.4  |
| 57.5° | 225.3  | 225.9  | 326.8  | 705.3  | 731.6  | 725.5  | 720.8  | 724.8  | 797.5  | 838.5  | 882.2  |
| 60°   | 217.9  | 217.9  | 217.9  | 312.0  | 674.4  | 676.4  | 670.4  | 663.7  | 695.3  | 775.9  | 812.3  |
| 62.5° | 201.7  | 205.8  | 207.8  | 207.8  | 308.0  | 624.7  | 618.6  | 616.6  | 617.9  | 700.6  | 742.3  |
| 65°   | 180.9  | 190.3  | 194.3  | 197.0  | 197.0  | 323.4  | 565.5  | 562.1  | 557.4  | 589.0  | 671.7  |
| 67.5° | 158.0  | 167.4  | 176.2  | 181.5  | 182.2  | 188.3  | 337.5  | 506.3  | 499.6  | 500.3  | 596.4  |
| 70°   | 134.5  | 142.5  | 152.0  | 160.0  | 167.4  | 170.8  | 176.2  | 420.2  | 442.4  | 433.0  | 511.0  |
| 72.5° | 116.3  | 119.7  | 126.4  | 134.5  | 143.2  | 151.3  | 156.0  | 167.4  | 383.9  | 373.9  | 388.6  |
| 75°   | 96.8   | 99.5   | 104.2  | 109.6  | 116.3  | 125.7  | 133.8  | 141.9  | 203.7  | 313.3  | 311.3  |
| 77.5° | 75.3   | 80.0   | 85.4   | 88.8   | 92.1   | 98.8   | 109.6  | 117.7  | 125.7  | 211.8  | 249.5  |
| 80°   | 57.8   | 61.2   | 63.9   | 67.2   | 71.3   | 76.0   | 80.0   | 89.4   | 98.8   | 106.2  | 191.0  |
| 82.5° | 43.0   | 45.1   | 47.1   | 48.4   | 49.8   | 52.4   | 59.8   | 63.2   | 69.3   | 76.0   | 90.1   |
| 85°   | 30.3   | 31.6   | 32.9   | 33.6   | 34.3   | 35.0   | 37.7   | 38.3   | 44.4   | 45.7   | 54.5   |
| 87.5° | 19.5   | 20.2   | 21.5   | 22.2   | 22.2   | 22.9   | 23.5   | 23.5   | 23.5   | 22.2   | 26.9   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



TEST NUMBER: P#

CATALOG NUMBER: 4SNLED-LD5-32SL-RW-UNV-L935-CD1-U

**CANDELA DISTRIBUTION (continued):**

|       | 357.5° | 360°   |
|-------|--------|--------|
| 0°    | 1467.2 | 1467.2 |
| 2.5°  | 1467.8 | 1478.6 |
| 5°    | 1465.8 | 1479.9 |
| 7.5°  | 1460.4 | 1473.9 |
| 10°   | 1452.4 | 1468.5 |
| 12.5° | 1443.6 | 1459.1 |
| 15°   | 1436.2 | 1447.7 |
| 17.5° | 1428.2 | 1434.9 |
| 20°   | 1417.4 | 1422.8 |
| 22.5° | 1406.6 | 1404.0 |
| 25°   | 1394.5 | 1388.5 |
| 27.5° | 1379.1 | 1367.6 |
| 30°   | 1365.0 | 1344.8 |
| 32.5° | 1351.5 | 1318.6 |
| 35°   | 1333.4 | 1291.7 |
| 37.5° | 1314.5 | 1264.1 |
| 40°   | 1292.3 | 1232.5 |
| 42.5° | 1268.8 | 1200.9 |
| 45°   | 1239.2 | 1170.6 |
| 47.5° | 1213.0 | 1134.3 |
| 50°   | 1176.7 | 1095.3 |
| 52.5° | 1132.3 | 1059.0 |
| 55°   | 1079.9 | 1014.6 |
| 57.5° | 1023.4 | 968.2  |
| 60°   | 962.9  | 915.1  |
| 62.5° | 889.6  | 860.0  |
| 65°   | 803.5  | 796.8  |
| 67.5° | 691.2  | 726.9  |
| 70°   | 566.8  | 646.8  |
| 72.5° | 474.0  | 562.1  |
| 75°   | 388.6  | 467.3  |
| 77.5° | 308.0  | 366.5  |
| 80°   | 192.3  | 268.3  |
| 82.5° | 129.1  | 176.2  |
| 85°   | 78.0   | 84.0   |
| 87.5° | 30.3   | 30.9   |
| 90°   | 0.0    | 0.0    |

(END OF REPORT)