

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: NEO-RAY

Report Number: P333301-830

Luminaire Tested: **S125DIP-S1270D365U830-4F0-1E-UDD-F**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P333301-830  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-7,  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: S125DIP-S1270D365U830-4F0-1E-UDD-F  
Description: DEFINE 5 DIRECT-INDIRECT PENDANT LED LUMINAIRE  
DOWNLIGHT 1270 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER  
UPLIGHT 365 LUMENS PER FOOT, NO LENS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6214.6 lumens  
Efficiency: N/A  
Efficacy: 124.8 lumens/watt  
Spacing Criteria (0/90/45): 1.21 / 1.18 / 1.31  
Luminous Opening: Rectangular (W 0.42' x L: 4' x H: 0')  
CIE Type: Semi-Direct

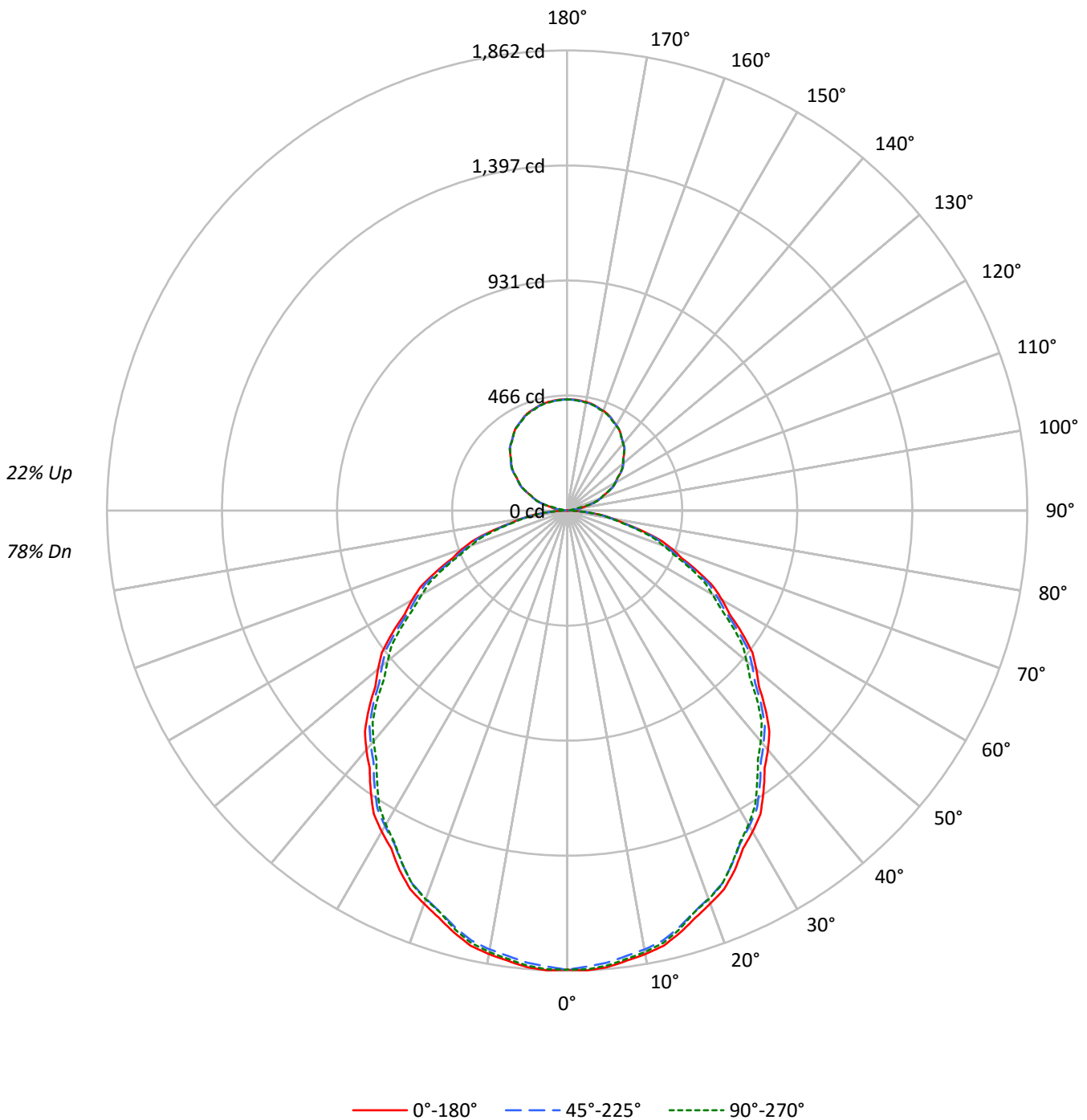
Input Watts (W): 49.8  
Input Voltage (V): 120  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Luminous Intensity Polar Plot





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

|     |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20  |     |     |     | 20 |    |    |    | 20 |    |    |    | 20 |    |
| RC  | 80  |     |     |     | 70  |     |     |     | 50 |    |    |    | 30 |    |    |    | 10 | 0  |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0  |
| RCR |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |
| 0   | 114 | 114 | 114 | 114 | 109 | 109 | 109 | 109 | 99 | 99 | 99 | 90 | 90 | 90 | 82 | 82 | 82 | 78 |
| 1   | 104 | 99  | 95  | 92  | 99  | 95  | 91  | 88  | 87 | 84 | 81 | 79 | 77 | 75 | 72 | 70 | 69 | 65 |
| 2   | 95  | 87  | 80  | 75  | 90  | 83  | 77  | 72  | 76 | 71 | 67 | 69 | 66 | 62 | 63 | 60 | 58 | 55 |
| 3   | 86  | 76  | 69  | 62  | 82  | 73  | 66  | 60  | 67 | 61 | 57 | 61 | 57 | 53 | 56 | 52 | 49 | 46 |
| 4   | 79  | 68  | 59  | 53  | 75  | 65  | 57  | 51  | 60 | 53 | 48 | 55 | 50 | 45 | 50 | 46 | 42 | 40 |
| 5   | 73  | 60  | 52  | 46  | 69  | 58  | 50  | 44  | 53 | 47 | 42 | 49 | 44 | 39 | 45 | 41 | 37 | 34 |
| 6   | 67  | 54  | 46  | 40  | 64  | 52  | 44  | 39  | 48 | 42 | 37 | 45 | 39 | 35 | 41 | 36 | 33 | 30 |
| 7   | 62  | 49  | 41  | 35  | 59  | 47  | 40  | 34  | 44 | 37 | 32 | 41 | 35 | 31 | 38 | 33 | 29 | 27 |
| 8   | 58  | 45  | 37  | 31  | 55  | 43  | 36  | 30  | 40 | 34 | 29 | 37 | 32 | 27 | 35 | 30 | 26 | 24 |
| 9   | 54  | 41  | 33  | 28  | 51  | 40  | 32  | 27  | 37 | 31 | 26 | 34 | 29 | 25 | 32 | 27 | 24 | 22 |
| 10  | 51  | 38  | 30  | 25  | 48  | 37  | 30  | 25  | 34 | 28 | 24 | 32 | 26 | 23 | 30 | 25 | 21 | 20 |

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

|     | 0°    | 45°   | 90°   |
|-----|-------|-------|-------|
| 0°  | 11996 | 11996 | 11996 |
| 5°  | 12023 | 11909 | 11985 |
| 10° | 11950 | 11825 | 11893 |
| 15° | 11820 | 11683 | 11732 |
| 20° | 11635 | 11483 | 11504 |
| 25° | 11436 | 11247 | 11236 |
| 30° | 11189 | 10992 | 10937 |
| 35° | 10925 | 10717 | 10566 |
| 40° | 10655 | 10420 | 10270 |
| 45° | 10361 | 10147 | 9945  |
| 50° | 10040 | 9818  | 9523  |
| 55° | 9730  | 9448  | 9183  |
| 60° | 9357  | 9074  | 8751  |
| 65° | 8915  | 8623  | 8332  |
| 70° | 8492  | 8103  | 7825  |
| 75° | 7738  | 7481  | 7224  |
| 80° | 6884  | 6776  | 6616  |
| 85° | 5995  | 6099  | 5772  |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 175.1  | 2.8       |
| 10°-20°   | 494.7  | 8.0       |
| 20°-30°   | 730.5  | 11.8      |
| 30°-40°   | 852.4  | 13.7      |
| 40°-50°   | 856.1  | 13.8      |
| 50°-60°   | 751.5  | 12.1      |
| 60°-70°   | 559.9  | 9.0       |
| 70°-80°   | 320.2  | 5.2       |
| 80°-90°   | 94.1   | 1.5       |
| 90°-100°  | 16.3   | 0.3       |
| 100°-110° | 100.7  | 1.6       |
| 110°-120° | 182.6  | 2.9       |
| 120°-130° | 234.3  | 3.8       |
| 130°-140° | 252.0  | 4.1       |
| 140°-150° | 236.5  | 3.8       |
| 150°-160° | 191.3  | 3.1       |
| 160°-170° | 123.8  | 2.0       |
| 170°-180° | 42.7   | 0.7       |
| 0°-30°    | 1400.3 | 22.5      |
| 0°-40°    | 2252.7 | 36.2      |
| 0°-60°    | 3860.3 | 62.1      |
| 0°-90°    | 4834.5 | 77.8      |
| 90°-120°  | 299.6  | 4.8       |
| 90°-150°  | 1022.4 | 16.5      |
| 90°-180°  | 1380.0 | 22.2      |
| 0°-180°   | 6214.6 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 22.5° | 45°  | 67.5° | 90°  | Flux |
|------|------|-------|------|-------|------|------|
| 0°   | 1858 | 1858  | 1858 | 1858  | 1858 |      |
| 5°   | 1854 | 1851  | 1837 | 1849  | 1849 | 176  |
| 15°  | 1768 | 1763  | 1747 | 1754  | 1755 | 498  |
| 25°  | 1605 | 1597  | 1578 | 1581  | 1577 | 738  |
| 35°  | 1386 | 1379  | 1359 | 1352  | 1340 | 866  |
| 45°  | 1134 | 1128  | 1111 | 1094  | 1089 | 874  |
| 55°  | 864  | 859   | 839  | 826   | 816  | 771  |
| 65°  | 583  | 580   | 564  | 551   | 545  | 579  |
| 75°  | 310  | 307   | 300  | 295   | 290  | 331  |
| 85°  | 81   | 82    | 82   | 81    | 78   | 90   |
| 90°  | 0    | 3     | 5    | 7     | 8    | 5    |
| 95°  | 19   | 17    | 5    | 7     | 7    | 24   |
| 105° | 98   | 99    | 99   | 99    | 99   | 104  |
| 115° | 184  | 186   | 186  | 185   | 183  | 182  |
| 125° | 262  | 264   | 264  | 263   | 262  | 234  |
| 135° | 326  | 328   | 328  | 327   | 325  | 251  |
| 145° | 378  | 379   | 379  | 379   | 377  | 236  |
| 155° | 416  | 415   | 415  | 416   | 414  | 192  |
| 165° | 439  | 438   | 438  | 440   | 437  | 124  |
| 175° | 449  | 448   | 448  | 450   | 447  | 43   |
| 180° | 449  | 449   | 449  | 449   | 449  |      |



TEST NUMBER: P333301-830

CATALOG NUMBER: S125DIP-S1270D365U830-4F0-1E-UDD-F

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1857.5 | 1857.5 | 1857.5 | 1857.5 | 1857.5 | 1857.5 | 1857.5 | 1857.5 | 1857.5 | 1857.5 | 1857.5 |
| 2.5°   | 1862.2 | 1861.4 | 1860.7 | 1859.8 | 1859.1 | 1857.4 | 1854.7 | 1852.1 | 1849.6 | 1846.9 | 1849.6 |
| 5°     | 1854.5 | 1853.9 | 1853.2 | 1852.6 | 1851.9 | 1850.0 | 1846.7 | 1843.4 | 1840.2 | 1836.9 | 1839.8 |
| 7.5°   | 1837.5 | 1836.8 | 1836.2 | 1835.5 | 1834.8 | 1832.8 | 1829.2 | 1825.6 | 1822.0 | 1818.4 | 1821.3 |
| 10°    | 1822.2 | 1821.6 | 1820.9 | 1820.2 | 1819.6 | 1817.5 | 1813.9 | 1810.3 | 1806.7 | 1803.1 | 1805.7 |
| 12.5°  | 1803.4 | 1802.2 | 1801.1 | 1799.9 | 1798.7 | 1796.5 | 1793.1 | 1789.8 | 1786.5 | 1783.1 | 1785.3 |
| 15°    | 1767.8 | 1766.9 | 1765.9 | 1764.9 | 1764.0 | 1761.6 | 1758.0 | 1754.4 | 1750.9 | 1747.3 | 1748.9 |
| 17.5°  | 1727.0 | 1725.6 | 1724.1 | 1722.7 | 1721.3 | 1718.6 | 1715.0 | 1711.2 | 1707.5 | 1703.7 | 1705.8 |
| 20°    | 1692.9 | 1692.2 | 1691.6 | 1690.9 | 1690.3 | 1687.8 | 1683.6 | 1679.3 | 1675.1 | 1670.8 | 1673.1 |
| 22.5°  | 1658.8 | 1657.6 | 1656.4 | 1655.3 | 1654.1 | 1651.5 | 1647.6 | 1643.6 | 1639.6 | 1635.6 | 1637.1 |
| 25°    | 1604.8 | 1603.1 | 1601.5 | 1599.9 | 1598.2 | 1595.3 | 1591.0 | 1586.8 | 1582.5 | 1578.3 | 1578.9 |
| 27.5°  | 1541.5 | 1540.6 | 1539.5 | 1538.6 | 1537.7 | 1534.9 | 1530.6 | 1526.2 | 1521.8 | 1517.4 | 1517.6 |
| 30°    | 1500.4 | 1499.4 | 1498.5 | 1497.4 | 1496.5 | 1493.6 | 1488.7 | 1483.8 | 1478.8 | 1473.9 | 1473.3 |
| 32.5°  | 1455.8 | 1454.2 | 1452.7 | 1451.2 | 1449.7 | 1446.8 | 1442.4 | 1438.0 | 1433.6 | 1429.3 | 1428.1 |
| 35°    | 1385.7 | 1384.5 | 1383.2 | 1381.9 | 1380.5 | 1377.6 | 1373.0 | 1368.5 | 1363.9 | 1359.3 | 1357.7 |
| 37.5°  | 1313.2 | 1311.5 | 1309.9 | 1308.2 | 1306.6 | 1303.6 | 1299.4 | 1295.1 | 1290.7 | 1286.5 | 1284.0 |
| 40°    | 1263.8 | 1262.2 | 1260.6 | 1258.9 | 1257.3 | 1254.1 | 1249.6 | 1245.0 | 1240.5 | 1235.9 | 1232.9 |
| 42.5°  | 1210.9 | 1209.6 | 1208.2 | 1206.7 | 1205.4 | 1202.4 | 1197.9 | 1193.3 | 1188.7 | 1184.1 | 1181.5 |
| 45°    | 1134.4 | 1133.2 | 1131.9 | 1130.6 | 1129.3 | 1126.6 | 1122.8 | 1118.8 | 1114.9 | 1111.0 | 1107.0 |
| 47.5°  | 1052.2 | 1052.3 | 1052.3 | 1052.3 | 1052.4 | 1050.1 | 1045.5 | 1040.8 | 1036.0 | 1031.3 | 1027.4 |
| 50°    | 999.3  | 998.3  | 997.3  | 996.4  | 995.3  | 992.9  | 989.0  | 985.1  | 981.2  | 977.2  | 973.0  |
| 52.5°  | 945.2  | 944.5  | 943.8  | 943.0  | 942.4  | 939.9  | 935.7  | 931.5  | 927.4  | 923.1  | 919.5  |
| 55°    | 864.1  | 863.1  | 862.1  | 861.1  | 860.2  | 857.4  | 852.8  | 848.3  | 843.7  | 839.1  | 836.1  |
| 57.5°  | 778.5  | 778.1  | 777.5  | 777.0  | 776.5  | 774.3  | 770.4  | 766.6  | 762.7  | 758.8  | 755.1  |
| 60°    | 724.4  | 723.2  | 721.9  | 720.6  | 719.3  | 716.8  | 713.2  | 709.6  | 706.1  | 702.5  | 699.2  |
| 62.5°  | 668.1  | 667.0  | 666.0  | 664.9  | 663.8  | 661.9  | 658.7  | 655.6  | 652.6  | 649.5  | 646.0  |
| 65°    | 583.4  | 582.8  | 582.1  | 581.5  | 580.8  | 578.6  | 575.0  | 571.5  | 567.9  | 564.3  | 561.4  |
| 67.5°  | 501.4  | 500.0  | 498.7  | 497.3  | 496.0  | 493.9  | 491.3  | 488.5  | 485.9  | 483.1  | 480.7  |
| 70°    | 449.7  | 448.1  | 446.4  | 444.8  | 443.2  | 440.8  | 437.9  | 435.0  | 432.1  | 429.1  | 427.2  |
| 72.5°  | 393.2  | 392.1  | 391.1  | 389.9  | 388.8  | 387.3  | 385.4  | 383.5  | 381.6  | 379.8  | 377.5  |
| 75°    | 310.1  | 309.4  | 308.8  | 308.1  | 307.5  | 306.3  | 304.7  | 303.0  | 301.4  | 299.8  | 298.8  |
| 77.5°  | 233.4  | 233.1  | 232.8  | 232.6  | 232.3  | 231.8  | 230.8  | 229.9  | 228.9  | 228.1  | 227.5  |
| 80°    | 185.1  | 185.1  | 185.1  | 185.1  | 185.1  | 184.8  | 184.2  | 183.5  | 182.9  | 182.2  | 181.9  |
| 82.5°  | 142.8  | 142.3  | 141.8  | 141.3  | 140.7  | 140.4  | 140.3  | 140.2  | 140.1  | 139.9  | 139.3  |
| 85°    | 80.9   | 81.2   | 81.4   | 81.8   | 82.1   | 82.3   | 82.3   | 82.3   | 82.3   | 82.3   | 82.0   |
| 87.5°  | 31.8   | 32.0   | 32.0   | 32.1   | 32.3   | 32.2   | 32.1   | 32.0   | 31.8   | 31.7   | 31.7   |
| 90°    | 0.4    | 0.9    | 1.5    | 2.1    | 2.7    | 3.3    | 3.8    | 4.3    | 4.8    | 5.4    | 5.7    |
| 92.5°  | 5.1    | 4.7    | 4.3    | 3.9    | 3.5    | 3.5    | 4.0    | 4.4    | 4.9    | 5.4    | 5.7    |
| 95°    | 18.9   | 18.8   | 18.6   | 18.3   | 18.1   | 16.6   | 13.8   | 10.9   | 8.1    | 5.4    | 5.7    |
| 97.5°  | 39.7   | 40.1   | 40.4   | 40.8   | 41.3   | 38.6   | 33.1   | 27.5   | 22.0   | 16.4   | 14.3   |
| 100°   | 55.6   | 55.9   | 56.1   | 56.3   | 56.6   | 56.7   | 57.1   | 57.4   | 57.7   | 58.0   | 46.9   |
| 102.5° | 71.9   | 72.2   | 72.5   | 72.8   | 73.0   | 73.2   | 73.4   | 73.6   | 73.8   | 74.0   | 71.9   |
| 105°   | 97.9   | 98.2   | 98.6   | 98.9   | 99.2   | 99.2   | 99.2   | 99.2   | 99.2   | 99.2   | 99.2   |
| 107.5° | 125.0  | 125.0  | 125.0  | 125.0  | 125.0  | 125.1  | 125.3  | 125.4  | 125.5  | 125.6  | 125.6  |
| 110°   | 142.6  | 142.6  | 142.6  | 142.6  | 142.6  | 142.7  | 142.8  | 143.0  | 143.1  | 143.3  | 143.1  |



TEST NUMBER: P333301-830

CATALOG NUMBER: S125DIP-S1270D365U830-4F0-1E-UDD-F

**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 25°   | 30°   | 35°   | 40°   | 45°   | 50°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 159.1 | 159.3 | 159.5 | 159.7 | 159.9 | 159.9 | 160.0 | 160.1 | 160.2 | 160.3 | 160.0 |
| 115°   | 183.9 | 184.3 | 184.6 | 185.0 | 185.4 | 185.6 | 185.7 | 185.8 | 185.9 | 185.9 | 185.6 |
| 117.5° | 209.5 | 209.5 | 209.5 | 209.5 | 209.5 | 209.6 | 209.9 | 210.2 | 210.5 | 210.8 | 210.4 |
| 120°   | 225.6 | 225.5 | 225.5 | 225.4 | 225.3 | 225.4 | 225.6 | 225.7 | 226.0 | 226.2 | 226.1 |
| 122.5° | 239.7 | 240.0 | 240.3 | 240.5 | 240.8 | 241.0 | 241.1 | 241.2 | 241.3 | 241.4 | 241.3 |
| 125°   | 261.6 | 262.0 | 262.6 | 263.1 | 263.6 | 263.9 | 263.9 | 263.9 | 263.9 | 263.9 | 263.5 |
| 127.5° | 282.4 | 282.8 | 283.1 | 283.5 | 283.9 | 284.1 | 284.0 | 284.0 | 283.9 | 283.9 | 283.7 |
| 130°   | 295.2 | 295.6 | 296.0 | 296.3 | 296.7 | 296.9 | 297.0 | 297.0 | 297.1 | 297.2 | 297.0 |
| 132.5° | 308.0 | 308.4 | 308.9 | 309.2 | 309.7 | 309.8 | 309.7 | 309.5 | 309.3 | 309.2 | 309.2 |
| 135°   | 326.2 | 326.6 | 327.1 | 327.5 | 327.9 | 328.1 | 327.9 | 327.8 | 327.6 | 327.5 | 327.3 |
| 137.5° | 342.9 | 343.3 | 343.7 | 344.0 | 344.4 | 344.6 | 344.4 | 344.3 | 344.1 | 344.0 | 344.0 |
| 140°   | 353.8 | 354.0 | 354.1 | 354.3 | 354.4 | 354.5 | 354.4 | 354.3 | 354.2 | 354.2 | 354.3 |
| 142.5° | 363.7 | 363.8 | 363.9 | 363.9 | 364.0 | 364.1 | 364.3 | 364.4 | 364.5 | 364.6 | 364.6 |
| 145°   | 378.1 | 378.3 | 378.4 | 378.6 | 378.7 | 378.8 | 378.8 | 378.8 | 378.8 | 378.8 | 378.9 |
| 147.5° | 390.8 | 390.8 | 390.8 | 390.7 | 390.7 | 390.7 | 390.8 | 390.9 | 391.0 | 391.1 | 391.2 |
| 150°   | 398.8 | 398.7 | 398.5 | 398.3 | 398.2 | 398.2 | 398.3 | 398.5 | 398.7 | 398.8 | 399.0 |
| 152.5° | 406.5 | 406.2 | 405.9 | 405.6 | 405.2 | 405.1 | 405.3 | 405.5 | 405.6 | 405.8 | 405.9 |
| 155°   | 416.5 | 416.0 | 415.6 | 415.1 | 414.7 | 414.5 | 414.7 | 414.8 | 415.0 | 415.1 | 415.4 |
| 157.5° | 424.1 | 423.9 | 423.6 | 423.3 | 423.1 | 422.9 | 422.9 | 423.0 | 423.0 | 423.0 | 423.2 |
| 160°   | 429.4 | 429.0 | 428.6 | 428.1 | 427.7 | 427.5 | 427.5 | 427.6 | 427.7 | 427.8 | 428.1 |
| 162.5° | 433.8 | 433.3 | 432.8 | 432.3 | 432.0 | 431.8 | 431.9 | 431.9 | 432.0 | 432.1 | 432.4 |
| 165°   | 439.4 | 439.0 | 438.6 | 438.1 | 437.7 | 437.5 | 437.5 | 437.6 | 437.7 | 437.8 | 438.2 |
| 167.5° | 443.7 | 443.3 | 442.8 | 442.3 | 441.9 | 441.7 | 441.8 | 441.9 | 442.0 | 442.0 | 442.5 |
| 170°   | 446.1 | 445.6 | 445.1 | 444.6 | 444.0 | 443.8 | 443.9 | 443.9 | 444.0 | 444.1 | 444.7 |
| 172.5° | 447.7 | 447.2 | 446.7 | 446.2 | 445.6 | 445.4 | 445.5 | 445.7 | 445.8 | 446.0 | 446.5 |
| 175°   | 449.4 | 449.0 | 448.6 | 448.1 | 447.7 | 447.5 | 447.5 | 447.6 | 447.7 | 447.8 | 448.4 |
| 177.5° | 450.3 | 449.9 | 449.5 | 449.2 | 448.8 | 448.7 | 448.7 | 448.8 | 448.8 | 448.9 | 449.3 |
| 180°   | 449.4 | 449.4 | 449.4 | 449.4 | 449.4 | 449.4 | 449.4 | 449.4 | 449.4 | 449.4 | 449.4 |



TEST NUMBER: P333301-830

CATALOG NUMBER: S125DIP-S1270D365U830-4F0-1E-UDD-F

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1857.5 | 1857.5 | 1857.5 | 1857.5 | 1857.5 | 1857.5 | 1857.5 | 1857.5 |
| 2.5°   | 1852.1 | 1854.7 | 1857.4 | 1858.5 | 1858.3 | 1858.0 | 1857.8 | 1857.5 |
| 5°     | 1842.8 | 1845.8 | 1848.7 | 1850.0 | 1849.6 | 1849.4 | 1849.0 | 1848.7 |
| 7.5°   | 1824.1 | 1827.0 | 1829.9 | 1831.2 | 1830.9 | 1830.5 | 1830.2 | 1829.9 |
| 10°    | 1808.4 | 1811.0 | 1813.5 | 1814.7 | 1814.4 | 1814.0 | 1813.7 | 1813.5 |
| 12.5°  | 1787.3 | 1789.4 | 1791.5 | 1792.5 | 1792.4 | 1792.3 | 1792.3 | 1792.2 |
| 15°    | 1750.6 | 1752.2 | 1753.8 | 1754.6 | 1754.6 | 1754.6 | 1754.6 | 1754.6 |
| 17.5°  | 1707.8 | 1709.9 | 1711.8 | 1712.0 | 1710.4 | 1708.8 | 1707.1 | 1705.5 |
| 20°    | 1675.5 | 1677.7 | 1680.0 | 1680.4 | 1678.7 | 1677.1 | 1675.5 | 1673.8 |
| 22.5°  | 1638.6 | 1640.1 | 1641.6 | 1641.8 | 1640.7 | 1639.6 | 1638.4 | 1637.4 |
| 25°    | 1579.6 | 1580.3 | 1580.9 | 1580.7 | 1579.8 | 1578.8 | 1577.8 | 1576.8 |
| 27.5°  | 1517.7 | 1517.9 | 1518.0 | 1517.5 | 1516.6 | 1515.6 | 1514.6 | 1513.6 |
| 30°    | 1472.6 | 1472.0 | 1471.3 | 1470.6 | 1469.5 | 1468.6 | 1467.5 | 1466.6 |
| 32.5°  | 1426.9 | 1425.8 | 1424.6 | 1423.1 | 1421.4 | 1419.6 | 1417.8 | 1416.1 |
| 35°    | 1356.0 | 1354.4 | 1352.8 | 1350.7 | 1348.0 | 1345.5 | 1342.8 | 1340.2 |
| 37.5°  | 1281.6 | 1279.2 | 1276.8 | 1274.8 | 1273.3 | 1271.8 | 1270.3 | 1268.8 |
| 40°    | 1230.0 | 1227.1 | 1224.1 | 1222.2 | 1221.2 | 1220.2 | 1219.2 | 1218.2 |
| 42.5°  | 1178.8 | 1176.1 | 1173.5 | 1171.4 | 1169.9 | 1168.4 | 1166.9 | 1165.4 |
| 45°    | 1103.2 | 1099.2 | 1095.3 | 1092.9 | 1091.8 | 1090.9 | 1089.9 | 1088.9 |
| 47.5°  | 1023.3 | 1019.4 | 1015.4 | 1012.3 | 1009.9 | 1007.7 | 1005.4 | 1003.1 |
| 50°    | 968.7  | 964.5  | 960.3  | 957.0  | 954.7  | 952.4  | 950.2  | 947.8  |
| 52.5°  | 915.7  | 912.0  | 908.2  | 905.1  | 902.6  | 900.0  | 897.5  | 894.9  |
| 55°    | 833.2  | 830.3  | 827.4  | 824.7  | 822.5  | 820.2  | 817.8  | 815.6  |
| 57.5°  | 751.3  | 747.5  | 743.8  | 741.2  | 740.0  | 738.8  | 737.4  | 736.2  |
| 60°    | 695.9  | 692.7  | 689.4  | 686.6  | 684.3  | 682.0  | 679.8  | 677.5  |
| 62.5°  | 642.4  | 638.9  | 635.5  | 632.8  | 631.0  | 629.2  | 627.5  | 625.8  |
| 65°    | 558.5  | 555.4  | 552.5  | 550.4  | 549.1  | 547.8  | 546.5  | 545.2  |
| 67.5°  | 478.2  | 475.7  | 473.3  | 471.6  | 470.8  | 470.0  | 469.3  | 468.4  |
| 70°    | 425.2  | 423.2  | 421.2  | 419.6  | 418.3  | 417.0  | 415.8  | 414.4  |
| 72.5°  | 375.3  | 373.1  | 370.9  | 369.1  | 367.8  | 366.5  | 365.1  | 363.8  |
| 75°    | 297.8  | 296.8  | 295.9  | 294.7  | 293.4  | 292.1  | 290.8  | 289.5  |
| 77.5°  | 226.9  | 226.3  | 225.7  | 225.0  | 224.0  | 223.1  | 222.3  | 221.3  |
| 80°    | 181.5  | 181.3  | 180.9  | 180.4  | 179.7  | 179.1  | 178.4  | 177.9  |
| 82.5°  | 138.7  | 138.2  | 137.5  | 137.2  | 137.0  | 137.0  | 136.8  | 136.7  |
| 85°    | 81.6   | 81.3   | 81.0   | 80.5   | 79.8   | 79.2   | 78.5   | 77.9   |
| 87.5°  | 31.8   | 31.9   | 32.0   | 31.8   | 31.3   | 30.7   | 30.3   | 29.8   |
| 90°    | 6.0    | 6.4    | 6.8    | 7.1    | 7.4    | 7.5    | 7.7    | 8.0    |
| 92.5°  | 6.0    | 6.4    | 6.8    | 7.1    | 7.2    | 7.3    | 7.4    | 7.4    |
| 95°    | 6.0    | 6.4    | 6.8    | 7.0    | 7.0    | 7.0    | 7.0    | 7.0    |
| 97.5°  | 12.3   | 10.1   | 8.0    | 7.0    | 7.0    | 7.0    | 7.0    | 7.0    |
| 100°   | 35.9   | 24.9   | 13.9   | 8.2    | 7.9    | 7.6    | 7.3    | 7.0    |
| 102.5° | 69.7   | 67.7   | 65.6   | 62.0   | 57.0   | 52.0   | 46.9   | 41.9   |
| 105°   | 99.2   | 99.2   | 99.2   | 99.2   | 99.2   | 99.1   | 99.1   | 99.0   |
| 107.5° | 125.7  | 125.7  | 125.7  | 125.6  | 125.5  | 125.2  | 125.0  | 124.7  |
| 110°   | 142.8  | 142.6  | 142.4  | 142.3  | 142.4  | 142.4  | 142.5  | 142.6  |





TEST NUMBER: P333301-830

CATALOG NUMBER: S125DIP-S1270D365U830-4F0-1E-UDD-F

**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 159.8 | 159.5 | 159.2 | 159.0 | 158.9 | 158.8 | 158.7 | 158.6 |
| 115°   | 185.3 | 185.0 | 184.7 | 184.4 | 183.9 | 183.5 | 183.0 | 182.6 |
| 117.5° | 210.0 | 209.6 | 209.2 | 209.0 | 208.8 | 208.6 | 208.4 | 208.2 |
| 120°   | 225.9 | 225.7 | 225.6 | 225.4 | 225.0 | 224.6 | 224.2 | 223.9 |
| 122.5° | 241.1 | 241.0 | 240.8 | 240.5 | 240.1 | 239.7 | 239.2 | 238.8 |
| 125°   | 263.3 | 263.0 | 262.7 | 262.4 | 262.2 | 262.0 | 261.7 | 261.6 |
| 127.5° | 283.5 | 283.3 | 283.2 | 282.9 | 282.3 | 281.7 | 281.3 | 280.7 |
| 130°   | 296.7 | 296.5 | 296.3 | 296.0 | 295.7 | 295.3 | 294.9 | 294.5 |
| 132.5° | 309.1 | 309.1 | 309.0 | 308.8 | 308.4 | 308.0 | 307.6 | 307.4 |
| 135°   | 327.3 | 327.1 | 326.9 | 326.6 | 326.2 | 325.7 | 325.3 | 324.8 |
| 137.5° | 344.1 | 344.1 | 344.1 | 343.9 | 343.6 | 343.2 | 342.8 | 342.4 |
| 140°   | 354.5 | 354.6 | 354.8 | 354.6 | 354.2 | 353.7 | 353.3 | 352.8 |
| 142.5° | 364.6 | 364.7 | 364.7 | 364.5 | 364.0 | 363.5 | 363.2 | 362.7 |
| 145°   | 379.0 | 379.0 | 379.1 | 378.9 | 378.5 | 378.1 | 377.6 | 377.1 |
| 147.5° | 391.2 | 391.3 | 391.4 | 391.2 | 390.7 | 390.1 | 389.6 | 389.1 |
| 150°   | 399.1 | 399.3 | 399.4 | 399.2 | 398.6 | 398.0 | 397.4 | 396.8 |
| 152.5° | 406.0 | 406.1 | 406.3 | 406.1 | 405.6 | 405.1 | 404.5 | 404.0 |
| 155°   | 415.6 | 415.8 | 416.0 | 415.8 | 415.3 | 414.6 | 414.1 | 413.5 |
| 157.5° | 423.5 | 423.7 | 424.0 | 423.8 | 423.2 | 422.5 | 422.0 | 421.4 |
| 160°   | 428.4 | 428.7 | 429.0 | 428.9 | 428.2 | 427.6 | 427.1 | 426.5 |
| 162.5° | 432.9 | 433.3 | 433.8 | 433.6 | 432.9 | 432.3 | 431.7 | 431.0 |
| 165°   | 438.7 | 439.1 | 439.6 | 439.5 | 438.9 | 438.3 | 437.7 | 437.2 |
| 167.5° | 443.1 | 443.6 | 444.1 | 444.0 | 443.4 | 442.7 | 442.1 | 441.4 |
| 170°   | 445.3 | 445.9 | 446.5 | 446.5 | 445.8 | 445.2 | 444.4 | 443.7 |
| 172.5° | 447.0 | 447.6 | 448.1 | 448.1 | 447.4 | 446.7 | 446.0 | 445.4 |
| 175°   | 448.9 | 449.6 | 450.2 | 450.2 | 449.4 | 448.7 | 448.1 | 447.4 |
| 177.5° | 449.8 | 450.2 | 450.5 | 450.5 | 450.1 | 449.6 | 449.1 | 448.7 |
| 180°   | 449.4 | 449.4 | 449.4 | 449.4 | 449.4 | 449.4 | 449.4 | 449.4 |

(END OF REPORT)