

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: CORELITE

Report Number: P303049

Luminaire Tested: **CTW-F-2575-20L935-UNV-STD-4**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P303049  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-181-3)  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: CORELITE  
Catalog Number: CTW-F-2575-20L935-UNV-STD-4  
Description: CORELITE CONTINUA LINEAR WALL LED LUMINAIRE  
25% UPLIGHT, 75% DOWNLIGHT, 2000 LUMEN PACKAGE  
Light Source: 3500K CCT, 90 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1703.4 lumens  
Efficiency: N/A  
Efficacy: 94.6 lumens/watt  
Spacing Criteria (0/90/45): 1.18 / 1.22 / 1.32  
Luminous Opening: Rectangular (W 4' x L: 0.12' x H: 0')  
CIE Type: Semi-Direct

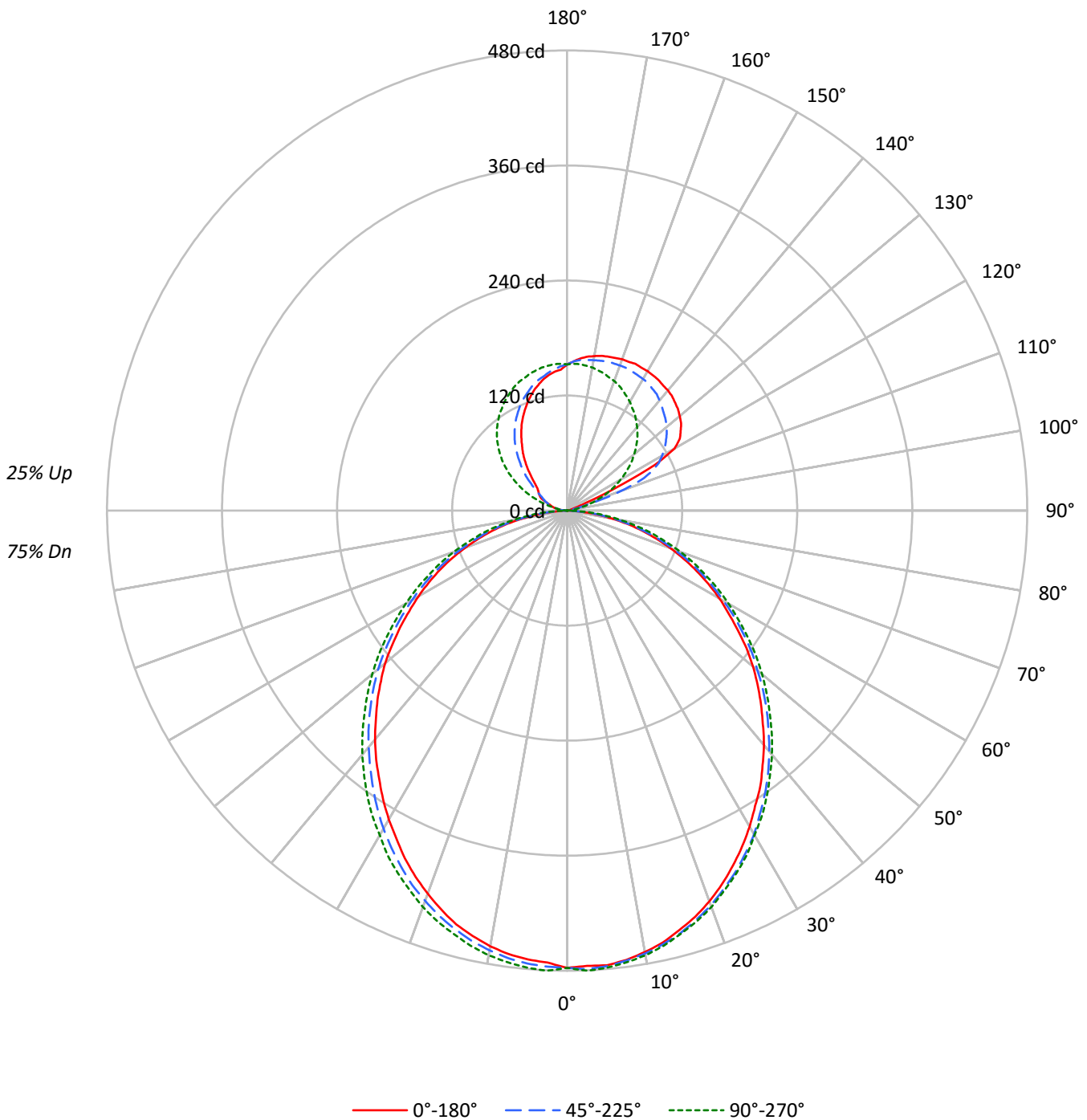
Input Watts (W): 18  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



TEST NUMBER: P303049

CATALOG NUMBER: CTW-F-2575-20L935-UNV-STD-4

### Luminous Intensity Polar Plot





TEST NUMBER: P303049

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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   | 113 | 113 | 113 | 113 | 107 | 107 | 107 | 107 | 97 | 97 | 97 | 88 | 88 | 88 | 79 | 79 | 79 | 75 |
| 1   | 103 | 99  | 94  | 91  | 98  | 94  | 90  | 87  | 85 | 82 | 80 | 77 | 75 | 73 | 69 | 68 | 66 | 63 |
| 2   | 94  | 86  | 79  | 74  | 89  | 82  | 76  | 71  | 74 | 70 | 66 | 67 | 64 | 61 | 61 | 58 | 56 | 52 |
| 3   | 86  | 76  | 68  | 62  | 81  | 72  | 65  | 59  | 66 | 60 | 55 | 60 | 55 | 51 | 54 | 50 | 47 | 44 |
| 4   | 78  | 67  | 59  | 52  | 74  | 64  | 56  | 50  | 58 | 52 | 47 | 53 | 48 | 44 | 48 | 44 | 41 | 38 |
| 5   | 72  | 60  | 51  | 45  | 68  | 57  | 49  | 43  | 52 | 46 | 41 | 48 | 42 | 38 | 43 | 39 | 35 | 33 |
| 6   | 66  | 54  | 45  | 39  | 63  | 51  | 44  | 38  | 47 | 40 | 36 | 43 | 38 | 33 | 39 | 35 | 31 | 29 |
| 7   | 61  | 49  | 40  | 34  | 58  | 47  | 39  | 33  | 43 | 36 | 31 | 39 | 34 | 30 | 36 | 31 | 28 | 25 |
| 8   | 57  | 44  | 36  | 31  | 54  | 42  | 35  | 30  | 39 | 33 | 28 | 36 | 30 | 26 | 33 | 28 | 25 | 23 |
| 9   | 53  | 41  | 33  | 27  | 51  | 39  | 32  | 27  | 36 | 30 | 25 | 33 | 28 | 24 | 30 | 26 | 22 | 20 |
| 10  | 50  | 37  | 30  | 25  | 47  | 36  | 29  | 24  | 33 | 27 | 23 | 31 | 25 | 22 | 28 | 24 | 20 | 19 |

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

|     | 0°    | 90°   | 180°  |
|-----|-------|-------|-------|
| 0°  | 10269 | 10269 | 10269 |
| 5°  | 10289 | 10345 | 10159 |
| 10° | 10220 | 10296 | 10088 |
| 15° | 10094 | 10190 | 9960  |
| 20° | 9940  | 10080 | 9743  |
| 25° | 9715  | 9919  | 9511  |
| 30° | 9461  | 9717  | 9247  |
| 35° | 9232  | 9548  | 8983  |
| 40° | 8976  | 9338  | 8760  |
| 45° | 8704  | 9097  | 8518  |
| 50° | 8477  | 8882  | 8306  |
| 55° | 8145  | 8629  | 7983  |
| 60° | 7896  | 8379  | 7711  |
| 65° | 7590  | 8115  | 7457  |
| 70° | 7207  | 7912  | 7100  |
| 75° | 6729  | 7594  | 6662  |
| 80° | 5765  | 7042  | 5765  |
| 85° | 3829  | 6175  | 3829  |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 45.0   | 2.6       |
| 10°-20°   | 127.5  | 7.5       |
| 20°-30°   | 188.9  | 11.1      |
| 30°-40°   | 221.6  | 13.0      |
| 40°-50°   | 224.6  | 13.2      |
| 50°-60°   | 199.3  | 11.7      |
| 60°-70°   | 151.9  | 8.9       |
| 70°-80°   | 89.9   | 5.3       |
| 80°-90°   | 23.7   | 1.4       |
| 90°-100°  | 4.4    | 0.3       |
| 100°-110° | 19.1   | 1.1       |
| 110°-120° | 53.0   | 3.1       |
| 120°-130° | 75.8   | 4.4       |
| 130°-140° | 81.5   | 4.8       |
| 140°-150° | 77.5   | 4.5       |
| 150°-160° | 63.6   | 3.7       |
| 160°-170° | 41.7   | 2.4       |
| 170°-180° | 14.5   | 0.8       |
| 0°-30°    | 361.4  | 21.2      |
| 0°-40°    | 583.0  | 34.2      |
| 0°-60°    | 1006.9 | 59.1      |
| 0°-90°    | 1272.5 | 74.7      |
| 90°-120°  | 76.4   | 4.5       |
| 90°-150°  | 311.2  | 18.3      |
| 90°-180°  | 431.0  | 25.3      |
| 0°-180°   | 1703.4 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°  | 45° | 90° | 135° | 180° | Flux |
|------|-----|-----|-----|------|------|------|
| 0°   | 477 | 477 | 477 | 477  | 477  |      |
| 5°   | 476 | 477 | 479 | 474  | 470  | 45   |
| 15°  | 453 | 456 | 457 | 452  | 447  | 128  |
| 25°  | 409 | 416 | 418 | 410  | 400  | 188  |
| 35°  | 351 | 360 | 363 | 353  | 342  | 219  |
| 45°  | 286 | 294 | 299 | 290  | 280  | 221  |
| 55°  | 217 | 225 | 230 | 221  | 213  | 195  |
| 65°  | 149 | 154 | 159 | 152  | 146  | 147  |
| 75°  | 81  | 84  | 91  | 84   | 80   | 85   |
| 85°  | 16  | 19  | 25  | 19   | 16   | 19   |
| 90°  | 0   | 0   | 0   | 1    | 2    | 1    |
| 95°  | 1   | 2   | 3   | 6    | 5    | 1    |
| 105° | 5   | 15  | 21  | 15   | 16   | 6    |
| 115° | 55  | 98  | 50  | 27   | 29   | 61   |
| 125° | 145 | 126 | 78  | 43   | 37   | 129  |
| 135° | 159 | 143 | 103 | 69   | 55   | 123  |
| 145° | 166 | 155 | 123 | 96   | 82   | 104  |
| 155° | 169 | 160 | 138 | 118  | 108  | 78   |
| 165° | 166 | 161 | 148 | 136  | 131  | 47   |
| 175° | 159 | 158 | 153 | 148  | 146  | 15   |
| 180° | 152 | 152 | 152 | 152  | 152  |      |



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**CANDELA DISTRIBUTION (FULL):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 477.0 | 477.0 | 477.0 | 477.0 | 477.0 | 477.0 | 477.0 | 477.0 | 477.0 | 477.0 | 477.0 |
| 2.5°   | 475.3 | 475.3 | 475.3 | 476.1 | 477.0 | 477.0 | 477.0 | 476.1 | 477.0 | 479.6 | 478.7 |
| 5°     | 476.1 | 475.3 | 475.3 | 474.4 | 475.3 | 475.3 | 475.3 | 474.4 | 475.3 | 477.9 | 477.0 |
| 7.5°   | 472.7 | 472.7 | 472.7 | 471.8 | 472.7 | 471.8 | 471.8 | 471.0 | 472.7 | 474.4 | 473.5 |
| 10°    | 467.5 | 466.7 | 466.7 | 466.7 | 467.5 | 467.5 | 466.7 | 466.7 | 467.5 | 470.1 | 469.2 |
| 12.5°  | 461.5 | 461.5 | 461.5 | 460.6 | 461.5 | 461.5 | 461.5 | 460.6 | 461.5 | 464.1 | 463.2 |
| 15°    | 452.9 | 453.7 | 453.7 | 452.9 | 454.6 | 454.6 | 453.7 | 453.7 | 454.6 | 456.3 | 456.3 |
| 17.5°  | 444.3 | 444.3 | 444.3 | 444.3 | 446.0 | 445.1 | 445.1 | 445.1 | 446.0 | 447.7 | 447.7 |
| 20°    | 433.9 | 433.9 | 433.9 | 433.1 | 434.8 | 434.8 | 434.8 | 434.8 | 435.7 | 438.2 | 438.2 |
| 22.5°  | 421.9 | 421.9 | 421.9 | 421.9 | 422.8 | 422.8 | 422.8 | 422.8 | 423.6 | 426.2 | 427.1 |
| 25°    | 409.0 | 409.0 | 409.0 | 409.0 | 409.8 | 409.8 | 409.8 | 410.7 | 411.6 | 414.1 | 415.9 |
| 27.5°  | 395.2 | 396.1 | 396.1 | 396.1 | 396.1 | 396.9 | 396.9 | 397.8 | 398.6 | 400.4 | 402.9 |
| 30°    | 380.6 | 380.6 | 381.4 | 381.4 | 382.3 | 382.3 | 382.3 | 383.1 | 384.9 | 386.6 | 390.0 |
| 32.5°  | 365.1 | 365.9 | 366.8 | 366.8 | 367.6 | 367.6 | 368.5 | 368.5 | 370.2 | 371.1 | 374.5 |
| 35°    | 351.3 | 351.3 | 350.4 | 352.1 | 352.1 | 352.1 | 353.0 | 353.9 | 353.9 | 355.6 | 359.9 |
| 37.5°  | 334.9 | 335.8 | 334.9 | 336.7 | 337.5 | 336.7 | 337.5 | 338.4 | 339.2 | 340.1 | 344.4 |
| 40°    | 319.4 | 319.4 | 319.4 | 320.3 | 321.2 | 321.2 | 321.2 | 322.0 | 323.7 | 325.5 | 328.0 |
| 42.5°  | 302.2 | 303.1 | 303.1 | 303.9 | 304.8 | 303.9 | 304.8 | 306.5 | 307.4 | 309.1 | 310.8 |
| 45°    | 285.9 | 286.7 | 285.9 | 287.6 | 288.4 | 288.4 | 288.4 | 290.2 | 291.0 | 291.9 | 294.5 |
| 47.5°  | 269.5 | 270.4 | 269.5 | 270.4 | 272.1 | 272.1 | 272.1 | 272.9 | 274.7 | 275.5 | 277.2 |
| 50°    | 253.1 | 253.1 | 253.1 | 254.0 | 254.9 | 255.7 | 255.7 | 255.7 | 257.4 | 258.3 | 259.2 |
| 52.5°  | 235.9 | 235.9 | 235.9 | 237.6 | 237.6 | 237.6 | 238.5 | 239.4 | 240.2 | 241.9 | 242.8 |
| 55°    | 217.0 | 217.0 | 217.0 | 217.8 | 218.7 | 218.7 | 219.6 | 220.4 | 221.3 | 222.1 | 224.7 |
| 57.5°  | 199.8 | 200.6 | 199.8 | 200.6 | 201.5 | 201.5 | 203.2 | 203.2 | 204.1 | 204.9 | 206.6 |
| 60°    | 183.4 | 183.4 | 183.4 | 183.4 | 184.3 | 184.3 | 184.3 | 185.1 | 186.8 | 187.7 | 188.6 |
| 62.5°  | 166.2 | 166.2 | 166.2 | 167.0 | 167.0 | 167.0 | 167.9 | 168.8 | 169.6 | 170.5 | 171.3 |
| 65°    | 149.0 | 149.0 | 149.0 | 149.8 | 149.8 | 149.8 | 149.8 | 151.5 | 152.4 | 153.3 | 154.1 |
| 67.5°  | 131.7 | 131.7 | 131.7 | 132.6 | 132.6 | 132.6 | 133.5 | 134.3 | 135.2 | 136.0 | 136.9 |
| 70°    | 114.5 | 115.4 | 114.5 | 115.4 | 115.4 | 115.4 | 116.2 | 117.1 | 117.1 | 118.8 | 118.8 |
| 72.5°  | 97.3  | 97.3  | 97.3  | 98.2  | 98.2  | 99.0  | 99.0  | 99.9  | 99.9  | 100.7 | 101.6 |
| 75°    | 80.9  | 80.1  | 80.9  | 81.8  | 80.9  | 80.9  | 81.8  | 82.7  | 83.5  | 84.4  | 84.4  |
| 77.5°  | 63.7  | 63.7  | 63.7  | 64.6  | 65.4  | 64.6  | 65.4  | 66.3  | 66.3  | 68.0  | 67.2  |
| 80°    | 46.5  | 46.5  | 47.4  | 48.2  | 48.2  | 48.2  | 48.2  | 49.1  | 49.9  | 50.8  | 50.8  |
| 82.5°  | 30.1  | 31.0  | 31.0  | 31.9  | 31.9  | 31.9  | 32.7  | 32.7  | 33.6  | 34.4  | 34.4  |
| 85°    | 15.5  | 16.4  | 15.5  | 16.4  | 16.4  | 17.2  | 17.2  | 17.2  | 18.1  | 18.9  | 18.9  |
| 87.5°  | 3.4   | 2.6   | 2.6   | 3.4   | 2.6   | 3.4   | 3.4   | 3.4   | 3.4   | 4.3   | 6.0   |
| 90°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 92.5°  | 0.9   | 0.9   | 0.9   | 0.9   | 0.9   | 0.9   | 0.9   | 0.9   | 0.9   | 0.9   | 0.9   |
| 95°    | 0.9   | 0.9   | 0.9   | 0.9   | 0.9   | 0.9   | 0.9   | 0.9   | 1.7   | 1.7   | 1.7   |
| 97.5°  | 1.7   | 1.7   | 1.7   | 1.7   | 1.7   | 1.7   | 1.7   | 1.7   | 1.7   | 2.6   | 2.6   |
| 100°   | 2.6   | 2.6   | 2.6   | 2.6   | 2.6   | 2.6   | 2.6   | 3.4   | 3.4   | 3.4   | 4.3   |
| 102.5° | 3.4   | 3.4   | 3.4   | 3.4   | 4.3   | 4.3   | 4.3   | 4.3   | 5.2   | 6.0   | 6.9   |
| 105°   | 5.2   | 5.2   | 5.2   | 5.2   | 5.2   | 5.2   | 6.0   | 6.9   | 7.7   | 10.3  | 14.6  |
| 107.5° | 6.9   | 6.9   | 6.9   | 7.7   | 7.7   | 8.6   | 8.6   | 11.2  | 15.5  | 21.5  | 32.7  |
| 110°   | 10.3  | 11.2  | 11.2  | 12.9  | 14.6  | 16.4  | 18.1  | 25.0  | 34.4  | 48.2  | 59.4  |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 21.5  | 23.2  | 24.1  | 29.3  | 36.2  | 40.5  | 43.9  | 56.8  | 70.6  | 79.2  | 84.4  |
| 115°   | 55.1  | 57.7  | 61.1  | 68.9  | 78.4  | 82.7  | 86.1  | 93.8  | 99.0  | 99.9  | 98.2  |
| 117.5° | 103.3 | 104.2 | 105.9 | 110.2 | 112.8 | 113.7 | 113.7 | 114.5 | 113.7 | 111.1 | 107.6 |
| 120°   | 129.1 | 129.1 | 128.3 | 128.3 | 127.4 | 127.4 | 126.6 | 124.0 | 121.4 | 118.8 | 114.5 |
| 122.5° | 139.5 | 138.6 | 137.8 | 136.9 | 136.0 | 134.3 | 133.5 | 130.9 | 128.3 | 124.8 | 120.5 |
| 125°   | 144.6 | 144.6 | 143.8 | 142.9 | 141.2 | 140.3 | 138.6 | 136.0 | 133.5 | 130.0 | 125.7 |
| 127.5° | 149.8 | 149.0 | 148.1 | 147.2 | 145.5 | 144.6 | 143.8 | 141.2 | 137.8 | 134.3 | 130.9 |
| 130°   | 153.3 | 153.3 | 152.4 | 151.5 | 149.8 | 149.0 | 147.2 | 145.5 | 142.1 | 138.6 | 135.2 |
| 132.5° | 156.7 | 156.7 | 155.8 | 155.0 | 153.3 | 152.4 | 151.5 | 149.0 | 145.5 | 142.9 | 139.5 |
| 135°   | 159.3 | 159.3 | 158.4 | 157.6 | 155.8 | 155.0 | 154.1 | 152.4 | 149.0 | 146.4 | 142.9 |
| 137.5° | 161.9 | 161.0 | 160.1 | 160.1 | 158.4 | 157.6 | 156.7 | 155.0 | 151.5 | 149.0 | 146.4 |
| 140°   | 163.6 | 162.7 | 162.7 | 161.9 | 160.1 | 160.1 | 159.3 | 156.7 | 155.0 | 152.4 | 149.8 |
| 142.5° | 164.5 | 164.5 | 164.5 | 163.6 | 161.9 | 161.9 | 161.0 | 159.3 | 156.7 | 155.0 | 153.3 |
| 145°   | 166.2 | 165.3 | 165.3 | 164.5 | 163.6 | 163.6 | 162.7 | 161.0 | 158.4 | 156.7 | 155.0 |
| 147.5° | 167.0 | 167.0 | 166.2 | 166.2 | 165.3 | 164.5 | 164.5 | 162.7 | 160.1 | 158.4 | 157.6 |
| 150°   | 167.9 | 167.9 | 167.0 | 167.0 | 166.2 | 165.3 | 165.3 | 163.6 | 161.0 | 160.1 | 158.4 |
| 152.5° | 167.9 | 167.9 | 167.9 | 167.0 | 167.0 | 166.2 | 165.3 | 163.6 | 162.7 | 161.0 | 159.3 |
| 155°   | 168.8 | 168.8 | 167.9 | 167.9 | 167.0 | 166.2 | 165.3 | 164.5 | 162.7 | 161.9 | 160.1 |
| 157.5° | 167.9 | 168.8 | 167.9 | 167.0 | 167.0 | 166.2 | 165.3 | 164.5 | 162.7 | 162.7 | 161.0 |
| 160°   | 167.9 | 167.9 | 167.9 | 167.0 | 167.0 | 166.2 | 165.3 | 164.5 | 163.6 | 162.7 | 161.0 |
| 162.5° | 167.0 | 167.0 | 167.0 | 167.0 | 166.2 | 166.2 | 165.3 | 163.6 | 162.7 | 162.7 | 161.0 |
| 165°   | 166.2 | 167.0 | 166.2 | 166.2 | 165.3 | 165.3 | 164.5 | 163.6 | 162.7 | 162.7 | 161.0 |
| 167.5° | 165.3 | 165.3 | 164.5 | 164.5 | 163.6 | 163.6 | 162.7 | 161.9 | 161.9 | 161.9 | 160.1 |
| 170°   | 163.6 | 163.6 | 162.7 | 162.7 | 162.7 | 161.9 | 161.9 | 161.0 | 161.0 | 161.0 | 159.3 |
| 172.5° | 161.9 | 161.9 | 161.0 | 161.0 | 161.0 | 160.1 | 160.1 | 159.3 | 159.3 | 159.3 | 158.4 |
| 175°   | 159.3 | 159.3 | 158.4 | 158.4 | 158.4 | 158.4 | 158.4 | 157.6 | 157.6 | 158.4 | 157.6 |
| 177.5° | 155.8 | 155.0 | 155.8 | 155.8 | 155.8 | 155.8 | 155.8 | 155.0 | 155.8 | 155.8 | 155.8 |
| 180°   | 152.4 | 152.4 | 152.4 | 152.4 | 152.4 | 152.4 | 152.4 | 152.4 | 152.4 | 152.4 | 152.4 |



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**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 477.0 | 477.0 | 477.0 | 477.0 | 477.0 | 477.0 | 477.0 | 477.0 | 477.0 | 477.0 | 477.0 |
| 2.5°   | 475.3 | 474.4 | 473.5 | 475.3 | 476.1 | 477.0 | 477.9 | 479.6 | 480.4 | 480.4 | 479.6 |
| 5°     | 473.5 | 472.7 | 471.8 | 473.5 | 474.4 | 474.4 | 475.3 | 477.9 | 477.9 | 478.7 | 477.9 |
| 7.5°   | 470.1 | 469.2 | 469.2 | 470.1 | 471.0 | 471.8 | 472.7 | 474.4 | 475.3 | 475.3 | 474.4 |
| 10°    | 465.8 | 464.9 | 464.9 | 465.8 | 466.7 | 467.5 | 467.5 | 469.2 | 470.1 | 471.0 | 470.1 |
| 12.5°  | 460.6 | 458.9 | 458.9 | 459.8 | 460.6 | 461.5 | 462.4 | 464.1 | 464.9 | 464.9 | 464.1 |
| 15°    | 452.9 | 451.2 | 451.2 | 452.9 | 453.7 | 454.6 | 454.6 | 456.3 | 457.2 | 457.2 | 457.2 |
| 17.5°  | 445.1 | 443.4 | 443.4 | 444.3 | 445.1 | 446.0 | 446.0 | 448.6 | 448.6 | 449.4 | 448.6 |
| 20°    | 435.7 | 433.9 | 433.9 | 434.8 | 435.7 | 436.5 | 436.5 | 438.2 | 439.1 | 440.0 | 439.1 |
| 22.5°  | 424.5 | 423.6 | 423.6 | 424.5 | 425.3 | 426.2 | 426.2 | 427.9 | 428.8 | 428.8 | 428.8 |
| 25°    | 413.3 | 411.6 | 411.6 | 412.4 | 413.3 | 414.1 | 415.0 | 416.7 | 417.6 | 417.6 | 416.7 |
| 27.5°  | 401.2 | 399.5 | 398.6 | 399.5 | 401.2 | 402.1 | 402.9 | 404.7 | 405.5 | 405.5 | 404.7 |
| 30°    | 388.3 | 385.7 | 384.9 | 386.6 | 388.3 | 389.2 | 389.2 | 390.9 | 391.8 | 390.9 | 390.9 |
| 32.5°  | 373.7 | 372.8 | 371.1 | 372.0 | 373.7 | 374.5 | 375.4 | 377.1 | 378.0 | 378.0 | 376.3 |
| 35°    | 359.9 | 358.2 | 357.3 | 357.3 | 359.0 | 359.9 | 360.8 | 361.6 | 362.5 | 363.3 | 362.5 |
| 37.5°  | 345.3 | 343.5 | 342.7 | 343.5 | 344.4 | 345.3 | 346.1 | 347.0 | 347.8 | 347.8 | 347.0 |
| 40°    | 329.8 | 328.0 | 327.2 | 328.0 | 328.0 | 328.9 | 330.6 | 331.5 | 333.2 | 332.3 | 330.6 |
| 42.5°  | 313.4 | 311.7 | 311.7 | 310.8 | 312.5 | 314.3 | 314.3 | 315.1 | 316.8 | 316.0 | 315.1 |
| 45°    | 297.0 | 296.2 | 295.3 | 296.2 | 295.3 | 297.0 | 298.8 | 298.8 | 299.6 | 298.8 | 298.8 |
| 47.5°  | 279.8 | 279.0 | 279.0 | 279.8 | 279.8 | 279.8 | 281.5 | 282.4 | 282.4 | 282.4 | 282.4 |
| 50°    | 262.6 | 261.7 | 262.6 | 263.5 | 263.5 | 263.5 | 264.3 | 265.2 | 265.2 | 265.2 | 264.3 |
| 52.5°  | 244.5 | 246.2 | 245.4 | 246.2 | 246.2 | 247.1 | 248.0 | 248.0 | 248.8 | 248.0 | 247.1 |
| 55°    | 225.6 | 227.3 | 228.2 | 229.0 | 229.9 | 229.0 | 229.9 | 230.7 | 231.6 | 229.9 | 229.9 |
| 57.5°  | 207.5 | 208.4 | 209.2 | 210.1 | 210.9 | 210.1 | 210.9 | 211.8 | 210.9 | 211.8 | 210.9 |
| 60°    | 190.3 | 191.1 | 191.1 | 192.9 | 193.7 | 192.9 | 193.7 | 194.6 | 194.6 | 194.6 | 193.7 |
| 62.5°  | 173.9 | 173.9 | 173.9 | 176.5 | 175.6 | 175.6 | 176.5 | 177.4 | 177.4 | 177.4 | 176.5 |
| 65°    | 155.8 | 156.7 | 156.7 | 157.6 | 158.4 | 158.4 | 158.4 | 159.3 | 160.1 | 159.3 | 159.3 |
| 67.5°  | 136.9 | 139.5 | 138.6 | 139.5 | 140.3 | 141.2 | 142.1 | 142.1 | 142.1 | 142.9 | 142.1 |
| 70°    | 120.5 | 121.4 | 121.4 | 123.1 | 124.0 | 124.0 | 124.8 | 124.8 | 125.7 | 125.7 | 124.8 |
| 72.5°  | 103.3 | 104.2 | 105.0 | 105.9 | 105.9 | 106.8 | 106.8 | 106.8 | 108.5 | 107.6 | 107.6 |
| 75°    | 86.1  | 87.0  | 87.8  | 88.7  | 88.7  | 89.5  | 89.5  | 89.5  | 90.4  | 91.3  | 90.4  |
| 77.5°  | 68.9  | 69.7  | 70.6  | 71.5  | 71.5  | 72.3  | 73.2  | 72.3  | 73.2  | 74.0  | 73.2  |
| 80°    | 52.5  | 53.4  | 53.4  | 54.2  | 55.1  | 55.1  | 56.0  | 56.0  | 56.0  | 56.8  | 56.0  |
| 82.5°  | 36.2  | 37.0  | 37.0  | 38.7  | 38.7  | 39.6  | 39.6  | 39.6  | 39.6  | 40.5  | 39.6  |
| 85°    | 20.7  | 21.5  | 21.5  | 22.4  | 23.2  | 23.2  | 24.1  | 24.1  | 24.1  | 25.0  | 24.1  |
| 87.5°  | 6.0   | 6.9   | 6.9   | 7.7   | 8.6   | 8.6   | 9.5   | 9.5   | 9.5   | 10.3  | 10.3  |
| 90°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.9   |
| 92.5°  | 0.9   | 0.9   | 0.9   | 0.9   | 0.9   | 1.7   | 1.7   | 1.7   | 1.7   | 0.9   | 1.7   |
| 95°    | 1.7   | 1.7   | 2.6   | 3.4   | 3.4   | 4.3   | 5.2   | 5.2   | 4.3   | 3.4   | 3.4   |
| 97.5°  | 2.6   | 3.4   | 5.2   | 7.7   | 8.6   | 9.5   | 10.3  | 9.5   | 7.7   | 6.0   | 6.0   |
| 100°   | 5.2   | 7.7   | 11.2  | 14.6  | 16.4  | 17.2  | 17.2  | 14.6  | 12.1  | 10.3  | 8.6   |
| 102.5° | 10.3  | 15.5  | 21.5  | 25.8  | 26.7  | 26.7  | 25.0  | 21.5  | 18.1  | 14.6  | 12.9  |
| 105°   | 21.5  | 31.0  | 37.0  | 38.7  | 37.9  | 37.0  | 33.6  | 29.3  | 25.0  | 20.7  | 18.1  |
| 107.5° | 43.0  | 51.7  | 52.5  | 50.8  | 49.1  | 47.4  | 42.2  | 37.0  | 31.9  | 27.6  | 24.1  |
| 110°   | 66.3  | 68.0  | 66.3  | 61.1  | 59.4  | 56.0  | 50.8  | 45.6  | 39.6  | 34.4  | 31.0  |





TEST NUMBER: P303049

CATALOG NUMBER: CTW-F-2575-20L935-UNV-STD-4

**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 83.5  | 80.1  | 75.8  | 70.6  | 68.0  | 65.4  | 59.4  | 54.2  | 47.4  | 42.2  | 37.9  |
| 115°   | 94.7  | 89.5  | 84.4  | 79.2  | 75.8  | 73.2  | 67.2  | 62.0  | 55.1  | 49.9  | 44.8  |
| 117.5° | 102.5 | 97.3  | 92.1  | 87.0  | 83.5  | 80.9  | 75.8  | 68.9  | 62.9  | 56.8  | 52.5  |
| 120°   | 109.3 | 105.0 | 99.0  | 93.8  | 91.3  | 88.7  | 82.7  | 76.6  | 69.7  | 64.6  | 59.4  |
| 122.5° | 116.2 | 111.1 | 105.9 | 100.7 | 98.2  | 95.6  | 89.5  | 82.7  | 77.5  | 71.5  | 66.3  |
| 125°   | 121.4 | 117.1 | 111.9 | 106.8 | 104.2 | 101.6 | 95.6  | 89.5  | 83.5  | 78.4  | 73.2  |
| 127.5° | 126.6 | 122.3 | 117.1 | 111.9 | 109.3 | 106.8 | 100.7 | 95.6  | 90.4  | 85.2  | 80.1  |
| 130°   | 131.7 | 127.4 | 122.3 | 117.1 | 114.5 | 111.9 | 106.8 | 101.6 | 96.4  | 91.3  | 86.1  |
| 132.5° | 136.9 | 131.7 | 127.4 | 122.3 | 119.7 | 117.1 | 111.9 | 106.8 | 102.5 | 97.3  | 93.0  |
| 135°   | 140.3 | 136.0 | 130.9 | 126.6 | 124.0 | 121.4 | 117.1 | 111.9 | 107.6 | 103.3 | 99.0  |
| 137.5° | 143.8 | 139.5 | 134.3 | 130.0 | 127.4 | 125.7 | 121.4 | 117.1 | 112.8 | 108.5 | 104.2 |
| 140°   | 146.4 | 142.1 | 137.8 | 133.5 | 130.9 | 130.0 | 125.7 | 121.4 | 118.0 | 113.7 | 109.3 |
| 142.5° | 149.0 | 144.6 | 140.3 | 136.0 | 134.3 | 133.5 | 129.1 | 125.7 | 122.3 | 118.0 | 114.5 |
| 145°   | 151.5 | 147.2 | 142.9 | 139.5 | 137.8 | 136.0 | 132.6 | 129.1 | 126.6 | 123.1 | 118.8 |
| 147.5° | 153.3 | 149.0 | 145.5 | 142.1 | 140.3 | 139.5 | 136.0 | 133.5 | 130.0 | 126.6 | 123.1 |
| 150°   | 155.0 | 150.7 | 148.1 | 144.6 | 143.8 | 142.1 | 138.6 | 136.0 | 133.5 | 130.9 | 127.4 |
| 152.5° | 156.7 | 152.4 | 149.8 | 147.2 | 146.4 | 144.6 | 142.1 | 139.5 | 137.8 | 134.3 | 131.7 |
| 155°   | 156.7 | 154.1 | 151.5 | 149.0 | 148.1 | 147.2 | 144.6 | 142.9 | 140.3 | 137.8 | 135.2 |
| 157.5° | 157.6 | 155.0 | 152.4 | 150.7 | 149.8 | 149.0 | 146.4 | 145.5 | 142.9 | 141.2 | 137.8 |
| 160°   | 158.4 | 155.8 | 153.3 | 152.4 | 151.5 | 150.7 | 149.0 | 147.2 | 145.5 | 143.8 | 141.2 |
| 162.5° | 158.4 | 156.7 | 154.1 | 153.3 | 152.4 | 152.4 | 149.8 | 149.0 | 147.2 | 145.5 | 143.8 |
| 165°   | 158.4 | 156.7 | 155.0 | 154.1 | 154.1 | 153.3 | 151.5 | 150.7 | 149.0 | 148.1 | 146.4 |
| 167.5° | 158.4 | 156.7 | 155.8 | 155.0 | 155.0 | 154.1 | 152.4 | 152.4 | 150.7 | 149.8 | 148.1 |
| 170°   | 157.6 | 156.7 | 155.8 | 155.0 | 155.0 | 155.0 | 153.3 | 153.3 | 152.4 | 151.5 | 149.8 |
| 172.5° | 156.7 | 155.8 | 155.0 | 155.0 | 155.0 | 154.1 | 153.3 | 153.3 | 153.3 | 152.4 | 151.5 |
| 175°   | 155.8 | 155.0 | 154.1 | 154.1 | 154.1 | 154.1 | 153.3 | 153.3 | 153.3 | 153.3 | 152.4 |
| 177.5° | 154.1 | 153.3 | 153.3 | 153.3 | 153.3 | 153.3 | 153.3 | 153.3 | 153.3 | 153.3 | 153.3 |
| 180°   | 152.4 | 152.4 | 152.4 | 152.4 | 152.4 | 152.4 | 152.4 | 152.4 | 152.4 | 152.4 | 152.4 |



TEST NUMBER: P303049

CATALOG NUMBER: CTW-F-2575-20L935-UNV-STD-4

**CANDELA DISTRIBUTION (continued):**

|        | 100°  | 105°  | 110°  | 112.5° | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  |
|--------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 477.0 | 477.0 | 477.0 | 477.0  | 477.0 | 477.0 | 477.0 | 477.0 | 477.0 | 477.0 | 477.0 |
| 2.5°   | 477.0 | 474.4 | 474.4 | 474.4  | 475.3 | 476.1 | 476.1 | 474.4 | 476.1 | 478.7 | 476.1 |
| 5°     | 474.4 | 471.8 | 471.8 | 472.7  | 472.7 | 473.5 | 473.5 | 471.8 | 474.4 | 476.1 | 473.5 |
| 7.5°   | 471.8 | 469.2 | 468.4 | 469.2  | 469.2 | 471.0 | 470.1 | 468.4 | 471.0 | 471.8 | 470.1 |
| 10°    | 466.7 | 464.1 | 464.1 | 464.1  | 464.9 | 465.8 | 464.9 | 463.2 | 465.8 | 466.7 | 464.9 |
| 12.5°  | 460.6 | 457.2 | 458.1 | 458.1  | 458.9 | 458.9 | 458.1 | 457.2 | 459.8 | 460.6 | 458.1 |
| 15°    | 452.9 | 450.3 | 450.3 | 450.3  | 451.2 | 452.0 | 451.2 | 449.4 | 452.0 | 452.0 | 449.4 |
| 17.5°  | 444.3 | 442.6 | 441.7 | 441.7  | 442.6 | 443.4 | 442.6 | 440.0 | 443.4 | 443.4 | 441.7 |
| 20°    | 434.8 | 433.1 | 432.2 | 432.2  | 433.1 | 433.1 | 432.2 | 430.5 | 433.1 | 433.1 | 430.5 |
| 22.5°  | 424.5 | 421.9 | 421.0 | 421.9  | 422.8 | 421.9 | 421.0 | 419.3 | 422.8 | 421.0 | 419.3 |
| 25°    | 412.4 | 411.6 | 409.8 | 410.7  | 410.7 | 410.7 | 409.0 | 408.1 | 409.8 | 408.1 | 406.4 |
| 27.5°  | 401.2 | 398.6 | 397.8 | 398.6  | 397.8 | 397.8 | 396.1 | 395.2 | 396.9 | 395.2 | 393.5 |
| 30°    | 387.4 | 384.9 | 384.9 | 384.9  | 384.9 | 384.0 | 382.3 | 382.3 | 383.1 | 382.3 | 379.7 |
| 32.5°  | 373.7 | 371.1 | 370.2 | 372.0  | 371.1 | 370.2 | 368.5 | 368.5 | 368.5 | 366.8 | 364.2 |
| 35°    | 359.0 | 356.5 | 356.5 | 357.3  | 356.5 | 355.6 | 353.9 | 353.9 | 353.0 | 351.3 | 349.6 |
| 37.5°  | 343.5 | 341.8 | 341.0 | 342.7  | 341.8 | 341.0 | 338.4 | 339.2 | 337.5 | 336.7 | 334.9 |
| 40°    | 328.0 | 326.3 | 325.5 | 327.2  | 327.2 | 324.6 | 323.7 | 323.7 | 322.0 | 320.3 | 318.6 |
| 42.5°  | 311.7 | 310.0 | 310.8 | 311.7  | 311.7 | 308.2 | 308.2 | 307.4 | 306.5 | 304.8 | 303.1 |
| 45°    | 296.2 | 294.5 | 294.5 | 296.2  | 295.3 | 292.7 | 292.7 | 291.0 | 290.2 | 288.4 | 285.9 |
| 47.5°  | 279.8 | 278.1 | 279.0 | 279.0  | 279.0 | 276.4 | 276.4 | 274.7 | 273.8 | 272.1 | 270.4 |
| 50°    | 262.6 | 261.7 | 262.6 | 261.7  | 262.6 | 260.0 | 260.0 | 258.3 | 257.4 | 255.7 | 253.1 |
| 52.5°  | 245.4 | 245.4 | 245.4 | 246.2  | 245.4 | 242.8 | 242.8 | 241.1 | 239.4 | 238.5 | 236.8 |
| 55°    | 227.3 | 228.2 | 228.2 | 228.2  | 228.2 | 224.7 | 223.9 | 222.1 | 221.3 | 219.6 | 217.8 |
| 57.5°  | 209.2 | 210.1 | 209.2 | 209.2  | 209.2 | 207.5 | 206.6 | 205.8 | 204.1 | 202.3 | 201.5 |
| 60°    | 192.9 | 192.9 | 192.0 | 192.0  | 192.0 | 190.3 | 189.4 | 188.6 | 186.8 | 185.1 | 185.1 |
| 62.5°  | 175.6 | 175.6 | 174.8 | 174.8  | 173.9 | 173.1 | 172.2 | 171.3 | 169.6 | 168.8 | 167.9 |
| 65°    | 158.4 | 158.4 | 157.6 | 156.7  | 156.7 | 155.8 | 155.0 | 153.3 | 152.4 | 150.7 | 150.7 |
| 67.5°  | 142.1 | 141.2 | 140.3 | 140.3  | 140.3 | 138.6 | 137.8 | 136.0 | 135.2 | 134.3 | 134.3 |
| 70°    | 124.8 | 124.0 | 123.1 | 123.1  | 123.1 | 121.4 | 120.5 | 118.8 | 118.0 | 117.1 | 117.1 |
| 72.5°  | 107.6 | 106.8 | 106.8 | 105.9  | 105.0 | 104.2 | 103.3 | 102.5 | 100.7 | 100.7 | 99.9  |
| 75°    | 90.4  | 89.5  | 88.7  | 88.7   | 87.8  | 87.0  | 86.1  | 84.4  | 84.4  | 84.4  | 83.5  |
| 77.5°  | 73.2  | 72.3  | 72.3  | 71.5   | 71.5  | 69.7  | 68.9  | 69.7  | 67.2  | 67.2  | 66.3  |
| 80°    | 56.0  | 55.1  | 56.0  | 54.2   | 54.2  | 53.4  | 52.5  | 52.5  | 50.8  | 50.8  | 49.9  |
| 82.5°  | 39.6  | 38.7  | 39.6  | 38.7   | 37.9  | 37.0  | 37.0  | 36.2  | 34.4  | 34.4  | 33.6  |
| 85°    | 24.1  | 23.2  | 24.1  | 23.2   | 22.4  | 21.5  | 20.7  | 20.7  | 18.9  | 18.1  | 18.1  |
| 87.5°  | 10.3  | 8.6   | 8.6   | 7.7    | 7.7   | 6.9   | 6.9   | 6.9   | 5.2   | 5.2   | 4.3   |
| 90°    | 0.9   | 0.9   | 0.9   | 0.9    | 0.9   | 0.9   | 0.9   | 0.9   | 0.9   | 0.9   | 0.9   |
| 92.5°  | 1.7   | 2.6   | 2.6   | 2.6    | 3.4   | 3.4   | 3.4   | 2.6   | 2.6   | 2.6   | 2.6   |
| 95°    | 3.4   | 4.3   | 5.2   | 5.2    | 5.2   | 6.0   | 6.0   | 6.0   | 6.0   | 5.2   | 5.2   |
| 97.5°  | 5.2   | 6.0   | 6.0   | 6.9    | 6.9   | 7.7   | 8.6   | 8.6   | 8.6   | 8.6   | 8.6   |
| 100°   | 8.6   | 7.7   | 8.6   | 9.5    | 9.5   | 9.5   | 9.5   | 10.3  | 10.3  | 11.2  | 11.2  |
| 102.5° | 12.1  | 11.2  | 11.2  | 11.2   | 11.2  | 12.1  | 12.1  | 12.1  | 12.1  | 12.9  | 12.9  |
| 105°   | 16.4  | 14.6  | 13.8  | 13.8   | 13.8  | 14.6  | 15.5  | 15.5  | 14.6  | 14.6  | 14.6  |
| 107.5° | 21.5  | 18.9  | 17.2  | 17.2   | 17.2  | 17.2  | 17.2  | 18.1  | 18.9  | 18.1  | 18.1  |
| 110°   | 27.6  | 24.1  | 22.4  | 21.5   | 20.7  | 19.8  | 19.8  | 20.7  | 21.5  | 22.4  | 22.4  |



TEST NUMBER: P303049

CATALOG NUMBER: CTW-F-2575-20L935-UNV-STD-4

**CANDELA DISTRIBUTION (continued):**

|        | 100°  | 105°  | 110°  | 112.5° | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  |
|--------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 33.6  | 30.1  | 27.6  | 26.7   | 25.0  | 24.1  | 23.2  | 23.2  | 24.1  | 25.0  | 25.0  |
| 115°   | 40.5  | 37.0  | 32.7  | 31.9   | 30.1  | 28.4  | 26.7  | 26.7  | 26.7  | 26.7  | 27.6  |
| 117.5° | 47.4  | 43.0  | 39.6  | 37.9   | 36.2  | 33.6  | 31.0  | 30.1  | 29.3  | 29.3  | 30.1  |
| 120°   | 54.2  | 50.8  | 45.6  | 43.9   | 42.2  | 39.6  | 36.2  | 34.4  | 32.7  | 32.7  | 32.7  |
| 122.5° | 61.1  | 57.7  | 53.4  | 50.8   | 49.1  | 45.6  | 42.2  | 39.6  | 37.9  | 36.2  | 35.3  |
| 125°   | 68.0  | 64.6  | 60.3  | 57.7   | 56.0  | 51.7  | 48.2  | 45.6  | 43.0  | 41.3  | 39.6  |
| 127.5° | 74.9  | 70.6  | 67.2  | 65.4   | 62.9  | 58.5  | 55.1  | 52.5  | 49.1  | 46.5  | 44.8  |
| 130°   | 80.9  | 77.5  | 74.0  | 71.5   | 69.7  | 65.4  | 62.0  | 58.5  | 56.0  | 53.4  | 50.8  |
| 132.5° | 87.8  | 83.5  | 80.1  | 78.4   | 76.6  | 72.3  | 68.9  | 65.4  | 62.9  | 60.3  | 57.7  |
| 135°   | 93.8  | 89.5  | 86.1  | 84.4   | 82.7  | 79.2  | 74.9  | 72.3  | 68.9  | 67.2  | 64.6  |
| 137.5° | 99.0  | 95.6  | 92.1  | 90.4   | 88.7  | 85.2  | 81.8  | 79.2  | 75.8  | 73.2  | 70.6  |
| 140°   | 105.0 | 100.7 | 98.2  | 96.4   | 94.7  | 91.3  | 88.7  | 86.1  | 82.7  | 80.1  | 77.5  |
| 142.5° | 110.2 | 106.8 | 103.3 | 101.6  | 100.7 | 97.3  | 93.8  | 92.1  | 89.5  | 87.0  | 84.4  |
| 145°   | 114.5 | 111.1 | 108.5 | 106.8  | 105.0 | 102.5 | 99.9  | 98.2  | 95.6  | 93.0  | 90.4  |
| 147.5° | 118.8 | 115.4 | 112.8 | 111.9  | 110.2 | 107.6 | 105.0 | 103.3 | 101.6 | 99.9  | 97.3  |
| 150°   | 123.1 | 119.7 | 118.0 | 117.1  | 115.4 | 113.7 | 110.2 | 109.3 | 107.6 | 105.0 | 103.3 |
| 152.5° | 127.4 | 124.8 | 122.3 | 121.4  | 120.5 | 118.0 | 115.4 | 113.7 | 112.8 | 110.2 | 108.5 |
| 155°   | 131.7 | 128.3 | 126.6 | 125.7  | 124.8 | 123.1 | 120.5 | 118.8 | 118.0 | 116.2 | 114.5 |
| 157.5° | 134.3 | 131.7 | 130.0 | 129.1  | 128.3 | 126.6 | 124.8 | 123.1 | 123.1 | 120.5 | 119.7 |
| 160°   | 137.8 | 135.2 | 133.5 | 132.6  | 132.6 | 130.9 | 129.1 | 127.4 | 127.4 | 125.7 | 124.8 |
| 162.5° | 140.3 | 138.6 | 136.9 | 136.9  | 136.0 | 134.3 | 133.5 | 131.7 | 131.7 | 130.9 | 129.1 |
| 165°   | 143.8 | 141.2 | 140.3 | 139.5  | 139.5 | 138.6 | 136.9 | 135.2 | 136.0 | 135.2 | 133.5 |
| 167.5° | 145.5 | 143.8 | 142.9 | 142.9  | 142.1 | 141.2 | 140.3 | 138.6 | 139.5 | 138.6 | 137.8 |
| 170°   | 148.1 | 145.5 | 145.5 | 144.6  | 144.6 | 144.6 | 143.8 | 142.1 | 142.1 | 142.1 | 141.2 |
| 172.5° | 149.0 | 147.2 | 147.2 | 147.2  | 147.2 | 146.4 | 146.4 | 144.6 | 145.5 | 145.5 | 144.6 |
| 175°   | 150.7 | 149.0 | 149.0 | 149.0  | 149.0 | 149.0 | 148.1 | 147.2 | 148.1 | 148.1 | 147.2 |
| 177.5° | 151.5 | 150.7 | 150.7 | 150.7  | 150.7 | 150.7 | 150.7 | 149.8 | 150.7 | 151.5 | 149.8 |
| 180°   | 152.4 | 152.4 | 152.4 | 152.4  | 152.4 | 152.4 | 152.4 | 152.4 | 152.4 | 152.4 | 152.4 |



TEST NUMBER: P303049

CATALOG NUMBER: CTW-F-2575-20L935-UNV-STD-4

**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|
| 0°     | 477.0 | 477.0 | 477.0  | 477.0 | 477.0 | 477.0 | 477.0 | 477.0 |
| 2.5°   | 476.1 | 476.1 | 475.3  | 475.3 | 476.1 | 473.5 | 471.8 | 471.8 |
| 5°     | 473.5 | 472.7 | 472.7  | 472.7 | 473.5 | 471.8 | 470.1 | 470.1 |
| 7.5°   | 470.1 | 469.2 | 468.4  | 469.2 | 470.1 | 468.4 | 466.7 | 466.7 |
| 10°    | 464.9 | 464.1 | 463.2  | 463.2 | 464.1 | 462.4 | 461.5 | 461.5 |
| 12.5°  | 458.1 | 456.3 | 455.5  | 456.3 | 457.2 | 455.5 | 454.6 | 454.6 |
| 15°    | 449.4 | 448.6 | 448.6  | 448.6 | 449.4 | 447.7 | 446.0 | 446.9 |
| 17.5°  | 440.8 | 440.0 | 439.1  | 440.0 | 440.0 | 438.2 | 436.5 | 436.5 |
| 20°    | 429.6 | 428.8 | 427.9  | 428.8 | 428.8 | 427.1 | 425.3 | 425.3 |
| 22.5°  | 417.6 | 416.7 | 415.9  | 416.7 | 416.7 | 415.0 | 413.3 | 413.3 |
| 25°    | 404.7 | 402.9 | 402.9  | 403.8 | 402.9 | 402.1 | 400.4 | 400.4 |
| 27.5°  | 391.8 | 390.0 | 390.0  | 390.9 | 390.0 | 387.4 | 386.6 | 385.7 |
| 30°    | 378.0 | 375.4 | 375.4  | 376.3 | 375.4 | 372.8 | 372.0 | 372.0 |
| 32.5°  | 362.5 | 360.8 | 361.6  | 361.6 | 360.8 | 358.2 | 357.3 | 357.3 |
| 35°    | 347.8 | 346.1 | 347.0  | 347.0 | 345.3 | 343.5 | 342.7 | 341.8 |
| 37.5°  | 332.3 | 331.5 | 332.3  | 331.5 | 330.6 | 328.0 | 327.2 | 327.2 |
| 40°    | 316.0 | 316.0 | 316.8  | 315.1 | 314.3 | 312.5 | 310.8 | 311.7 |
| 42.5°  | 300.5 | 299.6 | 300.5  | 299.6 | 298.8 | 297.0 | 295.3 | 295.3 |
| 45°    | 284.1 | 284.1 | 283.3  | 283.3 | 282.4 | 280.7 | 279.0 | 279.8 |
| 47.5°  | 267.8 | 267.8 | 267.8  | 266.9 | 266.0 | 264.3 | 263.5 | 263.5 |
| 50°    | 251.4 | 251.4 | 250.6  | 250.6 | 248.8 | 247.1 | 247.1 | 248.0 |
| 52.5°  | 235.1 | 234.2 | 234.2  | 233.3 | 233.3 | 231.6 | 229.9 | 229.9 |
| 55°    | 217.0 | 216.1 | 215.2  | 215.2 | 214.4 | 213.5 | 211.8 | 212.7 |
| 57.5°  | 200.6 | 198.9 | 199.8  | 198.0 | 198.0 | 196.3 | 195.4 | 195.4 |
| 60°    | 183.4 | 182.5 | 182.5  | 181.7 | 180.8 | 179.9 | 179.1 | 179.1 |
| 62.5°  | 167.0 | 165.3 | 165.3  | 164.5 | 164.5 | 163.6 | 162.7 | 162.7 |
| 65°    | 149.8 | 148.1 | 148.1  | 147.2 | 148.1 | 146.4 | 146.4 | 146.4 |
| 67.5°  | 132.6 | 131.7 | 131.7  | 130.9 | 130.9 | 130.0 | 129.1 | 130.0 |
| 70°    | 116.2 | 115.4 | 114.5  | 113.7 | 114.5 | 113.7 | 113.7 | 112.8 |
| 72.5°  | 99.0  | 98.2  | 98.2   | 98.2  | 97.3  | 96.4  | 96.4  | 96.4  |
| 75°    | 82.7  | 81.8  | 81.8   | 80.9  | 80.9  | 80.1  | 79.2  | 80.1  |
| 77.5°  | 66.3  | 65.4  | 64.6   | 64.6  | 64.6  | 63.7  | 64.6  | 63.7  |
| 80°    | 49.9  | 48.2  | 48.2   | 48.2  | 48.2  | 47.4  | 48.2  | 46.5  |
| 82.5°  | 33.6  | 31.9  | 31.9   | 31.9  | 31.0  | 31.0  | 31.0  | 30.1  |
| 85°    | 17.2  | 17.2  | 17.2   | 16.4  | 16.4  | 16.4  | 16.4  | 15.5  |
| 87.5°  | 4.3   | 4.3   | 4.3    | 4.3   | 4.3   | 4.3   | 4.3   | 4.3   |
| 90°    | 1.7   | 1.7   | 1.7    | 1.7   | 1.7   | 1.7   | 1.7   | 1.7   |
| 92.5°  | 2.6   | 2.6   | 2.6    | 2.6   | 2.6   | 2.6   | 2.6   | 2.6   |
| 95°    | 5.2   | 5.2   | 5.2    | 5.2   | 5.2   | 5.2   | 5.2   | 5.2   |
| 97.5°  | 8.6   | 8.6   | 8.6    | 8.6   | 8.6   | 8.6   | 8.6   | 8.6   |
| 100°   | 11.2  | 11.2  | 11.2   | 11.2  | 12.1  | 11.2  | 11.2  | 11.2  |
| 102.5° | 13.8  | 13.8  | 13.8   | 13.8  | 13.8  | 13.8  | 13.8  | 13.8  |
| 105°   | 15.5  | 15.5  | 15.5   | 15.5  | 16.4  | 16.4  | 16.4  | 16.4  |
| 107.5° | 18.1  | 18.1  | 18.1   | 18.1  | 18.1  | 18.1  | 18.1  | 18.1  |
| 110°   | 22.4  | 21.5  | 21.5   | 21.5  | 20.7  | 20.7  | 20.7  | 20.7  |



TEST NUMBER: P303049

CATALOG NUMBER: CTW-F-2575-20L935-UNV-STD-4

**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|
| 112.5° | 25.8  | 25.8  | 25.8   | 25.8  | 25.8  | 25.8  | 25.0  | 25.0  |
| 115°   | 28.4  | 28.4  | 29.3   | 29.3  | 29.3  | 29.3  | 29.3  | 29.3  |
| 117.5° | 30.1  | 31.0  | 31.0   | 31.0  | 31.9  | 31.9  | 31.9  | 31.9  |
| 120°   | 32.7  | 32.7  | 32.7   | 32.7  | 33.6  | 33.6  | 33.6  | 33.6  |
| 122.5° | 35.3  | 35.3  | 35.3   | 35.3  | 35.3  | 35.3  | 35.3  | 35.3  |
| 125°   | 38.7  | 37.9  | 37.9   | 37.9  | 37.9  | 37.9  | 37.0  | 37.0  |
| 127.5° | 43.0  | 42.2  | 41.3   | 41.3  | 40.5  | 40.5  | 39.6  | 39.6  |
| 130°   | 48.2  | 47.4  | 46.5   | 45.6  | 44.8  | 44.8  | 43.9  | 43.9  |
| 132.5° | 55.1  | 53.4  | 52.5   | 51.7  | 50.8  | 49.9  | 49.1  | 49.1  |
| 135°   | 62.0  | 60.3  | 59.4   | 58.5  | 56.8  | 56.0  | 55.1  | 55.1  |
| 137.5° | 68.9  | 67.2  | 66.3   | 65.4  | 63.7  | 62.9  | 62.0  | 62.0  |
| 140°   | 75.8  | 74.0  | 73.2   | 72.3  | 70.6  | 69.7  | 68.9  | 68.9  |
| 142.5° | 81.8  | 80.1  | 80.1   | 79.2  | 77.5  | 76.6  | 75.8  | 75.8  |
| 145°   | 88.7  | 87.0  | 86.1   | 86.1  | 84.4  | 82.7  | 82.7  | 81.8  |
| 147.5° | 94.7  | 93.8  | 93.0   | 92.1  | 91.3  | 89.5  | 89.5  | 88.7  |
| 150°   | 101.6 | 99.9  | 99.0   | 99.0  | 97.3  | 96.4  | 95.6  | 95.6  |
| 152.5° | 107.6 | 105.9 | 105.0  | 105.0 | 104.2 | 103.3 | 102.5 | 102.5 |
| 155°   | 112.8 | 111.1 | 111.1  | 111.1 | 110.2 | 109.3 | 108.5 | 108.5 |
| 157.5° | 118.0 | 117.1 | 116.2  | 116.2 | 116.2 | 114.5 | 114.5 | 114.5 |
| 160°   | 123.1 | 122.3 | 122.3  | 122.3 | 121.4 | 120.5 | 120.5 | 120.5 |
| 162.5° | 128.3 | 127.4 | 127.4  | 127.4 | 126.6 | 125.7 | 125.7 | 125.7 |
| 165°   | 132.6 | 131.7 | 131.7  | 131.7 | 131.7 | 130.9 | 130.9 | 130.9 |
| 167.5° | 136.9 | 136.0 | 136.0  | 136.0 | 136.0 | 135.2 | 135.2 | 135.2 |
| 170°   | 140.3 | 140.3 | 139.5  | 139.5 | 139.5 | 139.5 | 138.6 | 139.5 |
| 172.5° | 143.8 | 143.8 | 142.9  | 142.9 | 143.8 | 142.9 | 142.1 | 142.9 |
| 175°   | 147.2 | 147.2 | 146.4  | 146.4 | 146.4 | 145.5 | 144.6 | 145.5 |
| 177.5° | 150.7 | 149.8 | 149.8  | 149.8 | 149.8 | 149.0 | 147.2 | 147.2 |
| 180°   | 152.4 | 152.4 | 152.4  | 152.4 | 152.4 | 152.4 | 152.4 | 152.4 |

(END OF REPORT)