

Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions

Brand: CORELITE

Report Number: P709334

Luminaire Tested: DL2W-WB-M-025U-125D-930-UNV-STD-W-WM-4

Issue Date: 3/5/2020

**Test Information**

Test Method: LM-79-2019  
Report Number: P709334  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2303-941-1, G3-2104-222-8)  
Test Lab: INNOVATION CENTER  
Issue Date: 3/5/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: DL2W-WB-M-025U-125D-930-UNV-STD-W-WM-4  
Description: CORELITE DISCREET DL2W WALL MOUNT LED LUMINAIRE  
DOWNLIGHT 1250 LUMENS PER FOOT  
UPLIGHT 250 LUMENS PER FOOT  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6164.4 lumens  
Efficiency: N/A  
Efficacy: 107.8 lumens/watt  
Spacing Criteria (0/90/45): 1.18 / 1.23 / 1.17  
Luminous Opening: Rectangular (W 4' x L: 0.17' x H: 0')  
CIE Type: Semi-Direct

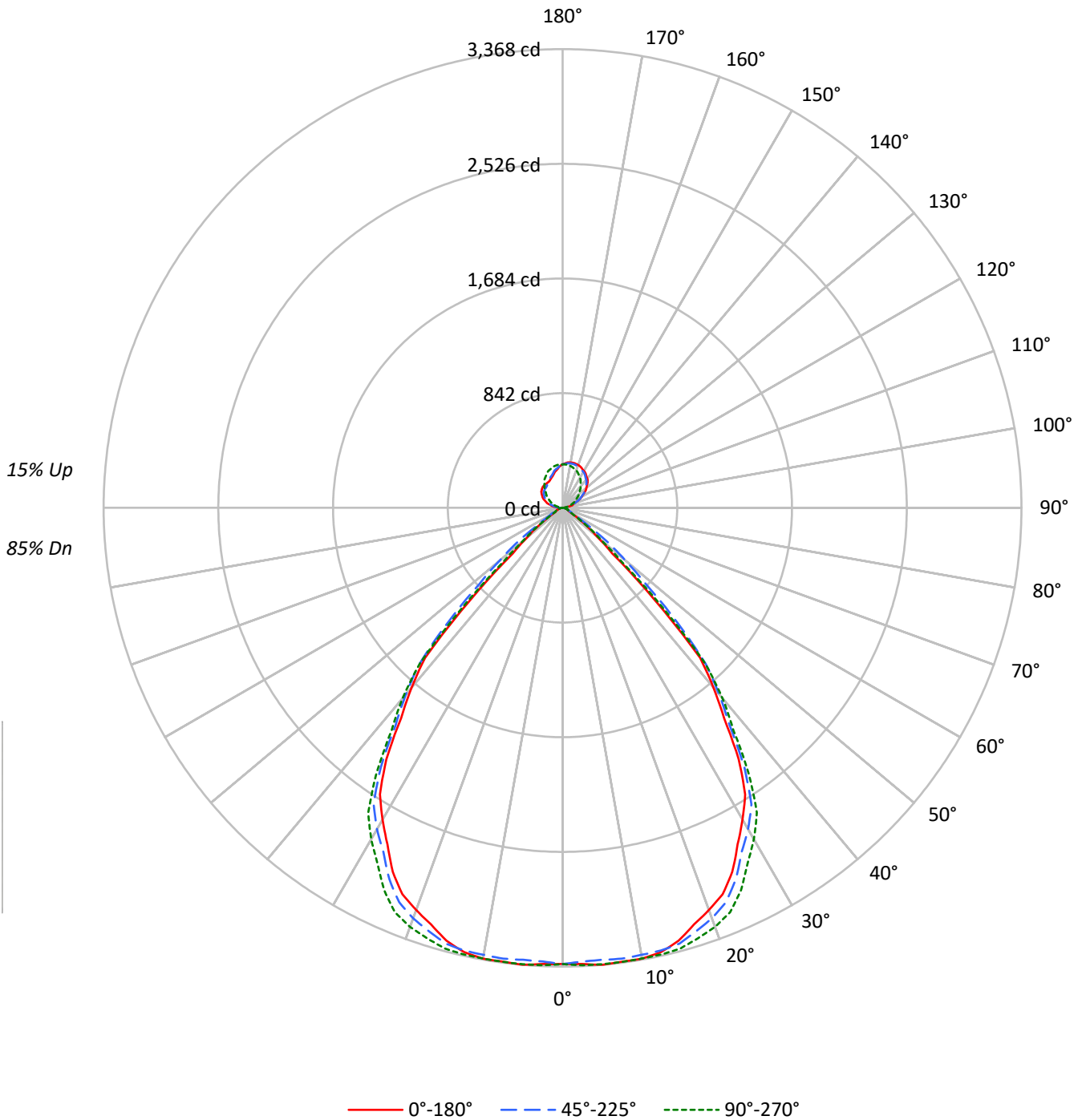
Input Watts (W): 57.2  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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CATALOG NUMBER: DL2W-WB-M-025U-125D-930-UNV-STD-W-WM-4

### Luminous Intensity Polar Plot



TEST NUMBER: P709334

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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 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |  |  |  |  |
| RCR |     |     |     |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |  |  |  |  |
| 0   | 115 | 115 | 115 | 115 | 111 | 111 | 111 | 111 | 103 | 103 | 103 | 95 | 95 | 95 | 88 | 88 | 88 | 85 |    |    |    |    |    |    |    |    |    |    |    |   |  |  |  |  |
| 1   | 109 | 105 | 102 | 100 | 104 | 102 | 99  | 97  | 95  | 93  | 91  | 88 | 87 | 85 | 83 | 81 | 80 | 78 |    |    |    |    |    |    |    |    |    |    |    |   |  |  |  |  |
| 2   | 102 | 96  | 91  | 87  | 98  | 93  | 88  | 85  | 87  | 84  | 81  | 82 | 79 | 77 | 77 | 75 | 73 | 70 |    |    |    |    |    |    |    |    |    |    |    |   |  |  |  |  |
| 3   | 95  | 87  | 81  | 77  | 92  | 85  | 79  | 75  | 80  | 75  | 72  | 75 | 72 | 69 | 71 | 68 | 66 | 64 |    |    |    |    |    |    |    |    |    |    |    |   |  |  |  |  |
| 4   | 89  | 80  | 73  | 68  | 86  | 78  | 72  | 67  | 73  | 68  | 64  | 69 | 65 | 62 | 66 | 63 | 60 | 58 |    |    |    |    |    |    |    |    |    |    |    |   |  |  |  |  |
| 5   | 83  | 73  | 66  | 61  | 80  | 71  | 65  | 60  | 68  | 62  | 58  | 64 | 60 | 56 | 61 | 57 | 54 | 52 |    |    |    |    |    |    |    |    |    |    |    |   |  |  |  |  |
| 6   | 78  | 67  | 60  | 55  | 75  | 66  | 59  | 54  | 62  | 57  | 53  | 59 | 55 | 51 | 57 | 53 | 50 | 48 |    |    |    |    |    |    |    |    |    |    |    |   |  |  |  |  |
| 7   | 73  | 62  | 55  | 50  | 70  | 60  | 54  | 49  | 58  | 52  | 48  | 55 | 50 | 47 | 53 | 49 | 45 | 44 |    |    |    |    |    |    |    |    |    |    |    |   |  |  |  |  |
| 8   | 68  | 57  | 50  | 46  | 66  | 56  | 49  | 45  | 54  | 48  | 44  | 51 | 46 | 43 | 49 | 45 | 42 | 40 |    |    |    |    |    |    |    |    |    |    |    |   |  |  |  |  |
| 9   | 64  | 53  | 46  | 42  | 62  | 52  | 46  | 41  | 50  | 44  | 40  | 48 | 43 | 39 | 46 | 42 | 38 | 37 |    |    |    |    |    |    |    |    |    |    |    |   |  |  |  |  |
| 10  | 61  | 49  | 43  | 38  | 59  | 48  | 42  | 38  | 47  | 41  | 37  | 45 | 40 | 36 | 43 | 39 | 36 | 34 |    |    |    |    |    |    |    |    |    |    |    |   |  |  |  |  |

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

|     | 0°    | 45°   | 90°   | 135°  | 180°  |
|-----|-------|-------|-------|-------|-------|
| 0°  | 54077 | 54077 | 54077 | 54077 | 54077 |
| 5°  | 54579 | 53986 | 54501 | 53986 | 54579 |
| 10° | 55100 | 54644 | 55085 | 54644 | 55100 |
| 15° | 55005 | 55362 | 55968 | 55362 | 55005 |
| 20° | 53983 | 55098 | 56244 | 55098 | 53983 |
| 25° | 52533 | 53597 | 55184 | 53597 | 52533 |
| 30° | 49264 | 50781 | 52361 | 50781 | 49264 |
| 35° | 44415 | 45849 | 46952 | 45849 | 44415 |
| 40° | 36320 | 37693 | 38545 | 37693 | 36320 |
| 45° | 21866 | 27223 | 24103 | 27223 | 21866 |
| 50° | 8518  | 15123 | 9530  | 15123 | 8518  |
| 55° | 4569  | 6853  | 4622  | 6853  | 4569  |
| 60° | 1986  | 3389  | 2170  | 3389  | 1986  |
| 65° | 1872  | 2071  | 1945  | 2071  | 1872  |
| 70° | 1770  | 1950  | 1902  | 1950  | 1770  |
| 75° | 1678  | 1865  | 1859  | 1865  | 1678  |
| 80° | 1609  | 1795  | 1785  | 1795  | 1609  |
| 85° | 1593  | 1621  | 1593  | 1621  | 1593  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 60°  
 Vertical Angle: 45°  
 Luminance: 27414 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 320.0  | 5.2       |
| 10°-20°   | 935.4  | 15.2      |
| 20°-30°   | 1382.9 | 22.4      |
| 30°-40°   | 1428.9 | 23.2      |
| 40°-50°   | 859.8  | 13.9      |
| 50°-60°   | 206.4  | 3.3       |
| 60°-70°   | 56.4   | 0.9       |
| 70°-80°   | 31.4   | 0.5       |
| 80°-90°   | 11.2   | 0.2       |
| 90°-100°  | 25.5   | 0.4       |
| 100°-110° | 74.1   | 1.2       |
| 110°-120° | 120.9  | 2.0       |
| 120°-130° | 153.3  | 2.5       |
| 130°-140° | 164.1  | 2.7       |
| 140°-150° | 153.2  | 2.5       |
| 150°-160° | 126.1  | 2.0       |
| 160°-170° | 84.6   | 1.4       |
| 170°-180° | 30.0   | 0.5       |
| 0°-30°    | 2638.4 | 42.8      |
| 0°-40°    | 4067.3 | 66.0      |
| 0°-60°    | 5133.5 | 83.3      |
| 0°-90°    | 5232.5 | 84.9      |
| 90°-120°  | 220.5  | 3.6       |
| 90°-150°  | 691.1  | 11.2      |
| 90°-180°  | 932.0  | 15.1      |
| 0°-180°   | 6164.4 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 45°  | 90°  | 135° | 180° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 3349 | 3349 | 3349 | 3349 | 3349 |      |
| 5°   | 3368 | 3331 | 3363 | 3331 | 3368 | 321  |
| 15°  | 3291 | 3312 | 3348 | 3312 | 3291 | 924  |
| 25°  | 2949 | 3009 | 3098 | 3009 | 2949 | 1346 |
| 35°  | 2253 | 2326 | 2382 | 2326 | 2253 | 1382 |
| 45°  | 958  | 1192 | 1056 | 1192 | 958  | 753  |
| 55°  | 162  | 243  | 164  | 243  | 162  | 158  |
| 65°  | 49   | 54   | 51   | 54   | 49   | 48   |
| 75°  | 27   | 30   | 30   | 30   | 27   | 29   |
| 85°  | 9    | 9    | 9    | 9    | 9    | 9    |
| 90°  | 7    | 6    | 1    | 9    | 15   | 3    |
| 95°  | 8    | 10   | 11   | 32   | 44   | 13   |
| 105° | 77   | 57   | 47   | 85   | 105  | 71   |
| 115° | 125  | 125  | 90   | 134  | 155  | 123  |
| 125° | 197  | 192  | 134  | 167  | 188  | 176  |
| 135° | 260  | 247  | 181  | 187  | 209  | 199  |
| 145° | 299  | 289  | 232  | 199  | 214  | 187  |
| 155° | 326  | 317  | 275  | 226  | 221  | 150  |
| 165° | 340  | 331  | 304  | 265  | 255  | 96   |
| 175° | 332  | 326  | 318  | 303  | 300  | 32   |
| 180° | 319  | 319  | 319  | 319  | 319  |      |

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 10°    | 20°    | 30°    | 40°    | 50°    | 60°    | 70°    | 80°    | 90°    | 100°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 3349.3 | 3349.3 | 3349.3 | 3349.3 | 3349.3 | 3349.3 | 3349.3 | 3349.3 | 3349.3 | 3349.3 | 3349.3 |
| 2.5°   | 3352.4 | 3354.8 | 3357.2 | 3347.5 | 3333.8 | 3332.8 | 3344.4 | 3354.1 | 3357.8 | 3361.6 | 3357.8 |
| 5°     | 3367.5 | 3368.4 | 3369.3 | 3353.8 | 3332.9 | 3329.0 | 3342.3 | 3353.4 | 3358.1 | 3362.7 | 3358.1 |
| 7.5°   | 3360.1 | 3363.4 | 3366.7 | 3355.4 | 3339.3 | 3336.9 | 3348.1 | 3357.2 | 3359.7 | 3362.2 | 3359.7 |
| 10°    | 3360.8 | 3362.1 | 3363.4 | 3350.6 | 3333.1 | 3332.9 | 3349.9 | 3362.4 | 3361.1 | 3359.9 | 3361.1 |
| 12.5°  | 3340.8 | 3344.2 | 3347.5 | 3339.1 | 3326.7 | 3331.8 | 3354.3 | 3369.8 | 3364.0 | 3358.3 | 3364.0 |
| 15°    | 3290.7 | 3297.1 | 3303.5 | 3304.8 | 3304.4 | 3319.7 | 3350.9 | 3371.4 | 3359.9 | 3348.3 | 3359.9 |
| 17.5°  | 3207.9 | 3216.0 | 3224.1 | 3234.9 | 3246.6 | 3272.7 | 3313.1 | 3339.8 | 3325.8 | 3311.8 | 3325.8 |
| 20°    | 3141.8 | 3149.9 | 3158.1 | 3173.2 | 3190.7 | 3222.7 | 3269.3 | 3300.7 | 3287.1 | 3273.4 | 3287.1 |
| 22.5°  | 3070.4 | 3077.1 | 3083.9 | 3098.9 | 3116.8 | 3151.5 | 3203.2 | 3238.8 | 3226.1 | 3213.5 | 3226.1 |
| 25°    | 2948.8 | 2952.6 | 2956.5 | 2971.5 | 2990.3 | 3026.8 | 3081.0 | 3119.0 | 3108.3 | 3097.6 | 3108.3 |
| 27.5°  | 2783.8 | 2790.3 | 2796.9 | 2812.3 | 2830.7 | 2864.7 | 2914.4 | 2950.5 | 2946.0 | 2941.5 | 2946.0 |
| 30°    | 2642.4 | 2654.7 | 2667.1 | 2686.5 | 2708.3 | 2739.3 | 2779.4 | 2809.4 | 2809.0 | 2808.5 | 2809.0 |
| 32.5°  | 2494.1 | 2509.5 | 2525.0 | 2545.2 | 2566.9 | 2593.3 | 2624.2 | 2648.1 | 2651.1 | 2654.1 | 2651.1 |
| 35°    | 2253.4 | 2265.7 | 2278.1 | 2295.9 | 2315.6 | 2336.7 | 2359.3 | 2376.9 | 2379.5 | 2382.1 | 2379.5 |
| 37.5°  | 1946.8 | 1959.2 | 1971.7 | 1987.5 | 2004.4 | 2023.6 | 2045.2 | 2061.6 | 2062.0 | 2062.4 | 2062.0 |
| 40°    | 1723.2 | 1730.8 | 1738.5 | 1756.5 | 1777.8 | 1798.9 | 1819.8 | 1834.8 | 1831.8 | 1828.8 | 1831.8 |
| 42.5°  | 1494.2 | 1499.1 | 1504.1 | 1522.9 | 1546.3 | 1567.0 | 1585.2 | 1593.3 | 1571.2 | 1549.1 | 1571.2 |
| 45°    | 957.6  | 1037.5 | 1117.3 | 1157.7 | 1185.1 | 1199.4 | 1200.6 | 1185.4 | 1120.5 | 1055.6 | 1120.5 |
| 47.5°  | 495.8  | 574.0  | 652.2  | 735.4  | 820.3  | 840.2  | 795.1  | 743.8  | 673.8  | 603.8  | 673.8  |
| 50°    | 339.1  | 369.8  | 400.5  | 487.0  | 592.0  | 612.1  | 547.2  | 485.3  | 432.3  | 379.4  | 432.3  |
| 52.5°  | 253.0  | 268.0  | 283.1  | 350.2  | 434.7  | 443.9  | 377.6  | 321.4  | 295.5  | 269.5  | 295.5  |
| 55°    | 162.3  | 168.7  | 175.1  | 204.9  | 242.5  | 244.4  | 210.7  | 183.0  | 173.6  | 164.2  | 173.6  |
| 57.5°  | 99.9   | 108.3  | 116.6  | 129.6  | 144.1  | 144.2  | 130.0  | 117.1  | 108.3  | 99.5   | 108.3  |
| 60°    | 61.5   | 69.2   | 76.8   | 89.6   | 104.2  | 105.7  | 94.1   | 83.5   | 75.3   | 67.2   | 75.3   |
| 62.5°  | 55.3   | 58.2   | 61.1   | 70.4   | 81.9   | 82.9   | 73.4   | 65.5   | 62.5   | 59.6   | 62.5   |
| 65°    | 49.0   | 49.8   | 50.7   | 52.2   | 53.9   | 54.5   | 54.1   | 53.5   | 52.2   | 50.9   | 52.2   |
| 67.5°  | 42.1   | 43.4   | 44.6   | 45.3   | 45.7   | 46.1   | 46.6   | 46.7   | 45.8   | 45.0   | 45.8   |
| 70°    | 37.5   | 38.7   | 40.0   | 40.7   | 41.1   | 41.5   | 41.9   | 42.0   | 41.2   | 40.3   | 41.2   |
| 72.5°  | 33.6   | 34.6   | 35.5   | 36.1   | 36.5   | 36.9   | 37.3   | 37.4   | 36.6   | 35.7   | 36.6   |
| 75°    | 26.9   | 27.7   | 28.6   | 29.1   | 29.6   | 30.2   | 31.1   | 31.5   | 30.6   | 29.8   | 30.6   |
| 77.5°  | 21.1   | 22.0   | 22.8   | 23.3   | 23.6   | 24.0   | 24.5   | 24.6   | 23.8   | 23.1   | 23.8   |
| 80°    | 17.3   | 18.1   | 19.0   | 19.2   | 19.2   | 19.4   | 19.9   | 20.1   | 19.6   | 19.2   | 19.6   |
| 82.5°  | 13.4   | 14.0   | 14.5   | 14.6   | 14.6   | 14.8   | 15.2   | 15.5   | 15.5   | 15.4   | 15.5   |
| 85°    | 8.6    | 8.6    | 8.6    | 8.6    | 8.6    | 8.9    | 9.3    | 9.5    | 9.1    | 8.6    | 9.1    |
| 87.5°  | 3.7    | 4.0    | 4.3    | 4.4    | 4.4    | 4.2    | 4.2    | 3.8    | 3.7    | 3.3    | 3.5    |
| 90°    | 6.7    | 6.7    | 6.7    | 6.7    | 6.7    | 5.8    | 5.8    | 3.8    | 2.9    | 1.0    | 1.9    |
| 92.5°  | 8.3    | 8.3    | 8.3    | 8.3    | 7.5    | 6.5    | 5.8    | 5.4    | 6.0    | 3.3    | 6.5    |
| 95°    | 7.7    | 7.7    | 7.7    | 7.7    | 8.7    | 11.5   | 15.4   | 16.4   | 11.5   | 10.6   | 14.4   |
| 97.5°  | 17.5   | 18.7   | 19.8   | 23.5   | 29.4   | 30.6   | 29.0   | 20.4   | 20.2   | 19.2   | 26.0   |
| 100°   | 33.7   | 35.6   | 37.5   | 40.4   | 47.1   | 37.5   | 29.8   | 28.9   | 27.9   | 26.9   | 33.7   |
| 102.5° | 56.0   | 57.1   | 59.8   | 59.6   | 46.4   | 41.4   | 39.8   | 38.1   | 35.6   | 34.6   | 42.1   |
| 105°   | 76.9   | 72.1   | 63.5   | 55.8   | 56.7   | 56.7   | 56.7   | 51.9   | 48.1   | 47.1   | 54.8   |
| 107.5° | 73.9   | 72.9   | 73.9   | 75.6   | 76.6   | 76.4   | 74.1   | 67.9   | 61.2   | 59.8   | 67.5   |
| 110°   | 88.5   | 87.5   | 88.5   | 89.4   | 90.4   | 89.4   | 85.6   | 77.9   | 71.2   | 68.3   | 76.0   |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 10°   | 20°   | 30°   | 40°   | 50°   | 60°   | 70°   | 80°   | 90°   | 100°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 101.6 | 102.1 | 103.1 | 104.1 | 104.3 | 103.3 | 98.7  | 89.4  | 80.4  | 76.8  | 83.7  |
| 115°   | 125.0 | 125.0 | 125.0 | 126.0 | 126.0 | 124.1 | 117.3 | 106.8 | 95.2  | 90.4  | 95.2  |
| 117.5° | 147.7 | 147.0 | 147.0 | 147.0 | 147.0 | 143.7 | 135.8 | 123.1 | 110.2 | 103.1 | 107.5 |
| 120°   | 161.6 | 161.6 | 161.6 | 161.6 | 161.6 | 156.8 | 148.1 | 134.7 | 120.2 | 111.6 | 114.5 |
| 122.5° | 176.2 | 175.4 | 176.2 | 175.4 | 174.7 | 169.9 | 159.7 | 146.2 | 131.0 | 120.0 | 121.4 |
| 125°   | 197.2 | 197.2 | 195.2 | 195.2 | 194.3 | 189.5 | 177.9 | 163.5 | 147.2 | 133.7 | 132.7 |
| 127.5° | 216.6 | 217.4 | 214.9 | 213.9 | 212.4 | 205.6 | 195.2 | 181.8 | 162.5 | 146.8 | 142.3 |
| 130°   | 228.9 | 228.9 | 227.9 | 227.0 | 223.1 | 216.4 | 206.8 | 193.3 | 174.1 | 156.8 | 150.0 |
| 132.5° | 242.0 | 242.0 | 241.0 | 238.5 | 233.9 | 227.9 | 218.3 | 204.9 | 184.9 | 166.8 | 157.7 |
| 135°   | 259.7 | 258.7 | 256.8 | 254.9 | 250.1 | 243.3 | 234.7 | 221.2 | 201.0 | 180.8 | 170.2 |
| 137.5° | 274.1 | 273.2 | 271.4 | 267.8 | 263.9 | 257.4 | 248.7 | 236.0 | 217.2 | 196.8 | 182.2 |
| 140°   | 281.8 | 280.8 | 279.9 | 277.0 | 273.2 | 267.4 | 258.7 | 245.3 | 227.9 | 206.8 | 191.4 |
| 142.5° | 288.7 | 288.5 | 286.8 | 284.7 | 280.8 | 274.3 | 267.2 | 254.5 | 237.2 | 217.6 | 200.6 |
| 145°   | 299.1 | 299.1 | 298.2 | 296.2 | 292.4 | 285.7 | 279.9 | 268.3 | 251.0 | 231.8 | 214.5 |
| 147.5° | 308.2 | 308.4 | 307.2 | 305.3 | 301.6 | 295.8 | 290.3 | 278.7 | 263.7 | 246.4 | 228.3 |
| 150°   | 313.5 | 314.5 | 312.6 | 310.7 | 307.8 | 302.0 | 297.2 | 285.7 | 272.2 | 254.9 | 237.6 |
| 152.5° | 318.2 | 319.9 | 318.0 | 316.8 | 313.2 | 307.4 | 302.6 | 291.8 | 279.1 | 264.1 | 246.8 |
| 155°   | 326.0 | 327.0 | 325.1 | 324.1 | 319.3 | 314.5 | 310.7 | 300.1 | 288.5 | 275.1 | 260.6 |
| 157.5° | 331.6 | 332.6 | 331.6 | 329.7 | 324.9 | 320.3 | 316.4 | 307.8 | 297.4 | 286.2 | 272.2 |
| 160°   | 334.7 | 335.7 | 334.7 | 332.8 | 328.0 | 324.1 | 320.3 | 311.6 | 302.0 | 292.4 | 279.9 |
| 162.5° | 337.0 | 338.0 | 337.0 | 335.1 | 330.3 | 326.4 | 323.4 | 315.5 | 306.6 | 297.0 | 286.0 |
| 165°   | 339.5 | 340.5 | 339.5 | 336.6 | 332.8 | 328.9 | 326.0 | 319.3 | 311.6 | 303.9 | 296.2 |
| 167.5° | 339.3 | 341.2 | 339.5 | 338.4 | 332.8 | 330.9 | 328.2 | 322.4 | 316.0 | 309.7 | 302.4 |
| 170°   | 338.6 | 340.5 | 339.5 | 337.6 | 332.8 | 330.9 | 328.9 | 323.2 | 318.4 | 313.5 | 307.8 |
| 172.5° | 337.0 | 338.2 | 337.2 | 336.1 | 331.2 | 329.3 | 328.2 | 323.9 | 319.9 | 315.9 | 310.9 |
| 175°   | 331.8 | 333.7 | 332.8 | 331.8 | 327.0 | 326.0 | 327.0 | 323.2 | 320.3 | 318.4 | 315.5 |
| 177.5° | 324.7 | 326.2 | 325.5 | 324.7 | 322.4 | 321.6 | 323.2 | 321.6 | 320.1 | 319.3 | 317.8 |
| 180°   | 319.3 | 319.3 | 319.3 | 319.3 | 319.3 | 319.3 | 319.3 | 319.3 | 319.3 | 319.3 | 319.3 |

TEST NUMBER: P709334

CATALOG NUMBER: DL2W-WB-M-025U-125D-930-UNV-STD-W-WM-4

**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 120°   | 130°   | 140°   | 150°   | 160°   | 170°   | 180°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 3349.3 | 3349.3 | 3349.3 | 3349.3 | 3349.3 | 3349.3 | 3349.3 | 3349.3 |
| 2.5°   | 3354.1 | 3344.4 | 3332.8 | 3333.8 | 3347.5 | 3357.2 | 3354.8 | 3352.4 |
| 5°     | 3353.4 | 3342.3 | 3329.0 | 3332.9 | 3353.8 | 3369.3 | 3368.4 | 3367.5 |
| 7.5°   | 3357.2 | 3348.1 | 3336.9 | 3339.3 | 3355.4 | 3366.7 | 3363.4 | 3360.1 |
| 10°    | 3362.4 | 3349.9 | 3332.9 | 3333.1 | 3350.6 | 3363.4 | 3362.1 | 3360.8 |
| 12.5°  | 3369.8 | 3354.3 | 3331.8 | 3326.7 | 3339.1 | 3347.5 | 3344.2 | 3340.8 |
| 15°    | 3371.4 | 3350.9 | 3319.7 | 3304.4 | 3304.8 | 3303.5 | 3297.1 | 3290.7 |
| 17.5°  | 3339.8 | 3313.1 | 3272.7 | 3246.6 | 3234.9 | 3224.1 | 3216.0 | 3207.9 |
| 20°    | 3300.7 | 3269.3 | 3222.7 | 3190.7 | 3173.2 | 3158.1 | 3149.9 | 3141.8 |
| 22.5°  | 3238.8 | 3203.2 | 3151.5 | 3116.8 | 3098.9 | 3083.9 | 3077.1 | 3070.4 |
| 25°    | 3119.0 | 3081.0 | 3026.8 | 2990.3 | 2971.5 | 2956.5 | 2952.6 | 2948.8 |
| 27.5°  | 2950.5 | 2914.4 | 2864.7 | 2830.7 | 2812.3 | 2796.9 | 2790.3 | 2783.8 |
| 30°    | 2809.4 | 2779.4 | 2739.3 | 2708.3 | 2686.5 | 2667.1 | 2654.7 | 2642.4 |
| 32.5°  | 2648.1 | 2624.2 | 2593.3 | 2566.9 | 2545.2 | 2525.0 | 2509.5 | 2494.1 |
| 35°    | 2376.9 | 2359.3 | 2336.7 | 2315.6 | 2295.9 | 2278.1 | 2265.7 | 2253.4 |
| 37.5°  | 2061.6 | 2045.2 | 2023.6 | 2004.4 | 1987.5 | 1971.7 | 1959.2 | 1946.8 |
| 40°    | 1834.8 | 1819.8 | 1798.9 | 1777.8 | 1756.5 | 1738.5 | 1730.8 | 1723.2 |
| 42.5°  | 1593.3 | 1585.2 | 1567.0 | 1546.3 | 1522.9 | 1504.1 | 1499.1 | 1494.2 |
| 45°    | 1185.4 | 1200.6 | 1199.4 | 1185.1 | 1157.7 | 1117.3 | 1037.5 | 957.6  |
| 47.5°  | 743.8  | 795.1  | 840.2  | 820.3  | 735.4  | 652.2  | 574.0  | 495.8  |
| 50°    | 485.3  | 547.2  | 612.1  | 592.0  | 487.0  | 400.5  | 369.8  | 339.1  |
| 52.5°  | 321.4  | 377.6  | 443.9  | 434.7  | 350.2  | 283.1  | 268.0  | 253.0  |
| 55°    | 183.0  | 210.7  | 244.4  | 242.5  | 204.9  | 175.1  | 168.7  | 162.3  |
| 57.5°  | 117.1  | 130.0  | 144.2  | 144.1  | 129.6  | 116.6  | 108.3  | 99.9   |
| 60°    | 83.5   | 94.1   | 105.7  | 104.2  | 89.6   | 76.8   | 69.2   | 61.5   |
| 62.5°  | 65.5   | 73.4   | 82.9   | 81.9   | 70.4   | 61.1   | 58.2   | 55.3   |
| 65°    | 53.5   | 54.1   | 54.5   | 53.9   | 52.2   | 50.7   | 49.8   | 49.0   |
| 67.5°  | 46.7   | 46.6   | 46.1   | 45.7   | 45.3   | 44.6   | 43.4   | 42.1   |
| 70°    | 42.0   | 41.9   | 41.5   | 41.1   | 40.7   | 40.0   | 38.7   | 37.5   |
| 72.5°  | 37.4   | 37.3   | 36.9   | 36.5   | 36.1   | 35.5   | 34.6   | 33.6   |
| 75°    | 31.5   | 31.1   | 30.2   | 29.6   | 29.1   | 28.6   | 27.7   | 26.9   |
| 77.5°  | 24.6   | 24.5   | 24.0   | 23.6   | 23.3   | 22.8   | 22.0   | 21.1   |
| 80°    | 20.1   | 19.9   | 19.4   | 19.2   | 19.2   | 19.0   | 18.1   | 17.3   |
| 82.5°  | 15.5   | 15.2   | 14.8   | 14.6   | 14.6   | 14.5   | 14.0   | 13.4   |
| 85°    | 9.5    | 9.3    | 8.9    | 8.6    | 8.6    | 8.6    | 8.6    | 8.6    |
| 87.5°  | 3.8    | 4.2    | 4.6    | 5.0    | 5.6    | 5.7    | 5.5    | 5.4    |
| 90°    | 3.8    | 5.8    | 7.7    | 9.6    | 12.5   | 13.5   | 14.4   | 15.4   |
| 92.5°  | 8.5    | 11.9   | 15.4   | 18.1   | 21.7   | 24.2   | 24.4   | 25.4   |
| 95°    | 20.2   | 25.0   | 29.8   | 34.6   | 39.4   | 43.3   | 44.2   | 44.2   |
| 97.5°  | 32.1   | 39.6   | 46.0   | 51.7   | 57.3   | 60.6   | 62.7   | 64.6   |
| 100°   | 41.4   | 48.1   | 56.7   | 62.5   | 67.3   | 72.1   | 75.0   | 76.9   |
| 102.5° | 50.6   | 57.3   | 66.0   | 73.3   | 80.4   | 83.7   | 87.3   | 88.5   |
| 105°   | 64.4   | 72.1   | 80.8   | 89.4   | 95.2   | 100.0  | 102.9  | 104.8  |
| 107.5° | 77.3   | 86.9   | 95.2   | 103.3  | 109.3  | 115.0  | 118.7  | 119.8  |
| 110°   | 86.6   | 96.2   | 106.8  | 112.5  | 119.3  | 125.0  | 127.9  | 129.8  |



TEST NUMBER: P709334

CATALOG NUMBER: DL2W-WB-M-025U-125D-930-UNV-STD-W-WM-4

**CANDELA DISTRIBUTION (continued):**

|        | 110°  | 120°  | 130°  | 140°  | 150°  | 160°  | 170°  | 180°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 95.0  | 105.4 | 116.0 | 123.3 | 130.0 | 135.8 | 138.7 | 140.6 |
| 115°   | 106.8 | 117.3 | 127.9 | 139.5 | 146.2 | 150.0 | 152.9 | 154.8 |
| 117.5° | 117.3 | 128.9 | 139.5 | 149.8 | 157.5 | 160.6 | 162.5 | 163.7 |
| 120°   | 125.0 | 136.6 | 147.2 | 156.8 | 164.5 | 168.3 | 170.2 | 172.2 |
| 122.5° | 131.2 | 142.7 | 153.3 | 162.9 | 170.6 | 175.2 | 177.9 | 179.1 |
| 125°   | 140.4 | 151.0 | 162.5 | 171.2 | 178.9 | 184.7 | 187.6 | 188.5 |
| 127.5° | 147.7 | 158.7 | 170.2 | 179.3 | 187.0 | 191.6 | 194.5 | 196.2 |
| 130°   | 153.9 | 162.5 | 174.1 | 184.7 | 192.4 | 196.2 | 199.1 | 200.1 |
| 132.5° | 160.0 | 167.2 | 177.9 | 188.5 | 196.2 | 200.8 | 203.7 | 204.7 |
| 135°   | 168.3 | 172.2 | 181.8 | 192.4 | 200.1 | 204.9 | 207.7 | 208.7 |
| 137.5° | 178.7 | 180.0 | 185.4 | 195.4 | 203.3 | 208.1 | 210.8 | 211.8 |
| 140°   | 185.6 | 184.7 | 188.5 | 196.2 | 204.9 | 209.7 | 211.6 | 212.6 |
| 142.5° | 191.8 | 190.1 | 191.6 | 197.7 | 204.9 | 209.7 | 212.4 | 212.6 |
| 145°   | 203.9 | 199.1 | 197.2 | 201.0 | 205.8 | 210.6 | 213.5 | 213.5 |
| 147.5° | 215.6 | 209.7 | 205.2 | 206.0 | 208.5 | 212.0 | 213.7 | 213.9 |
| 150°   | 224.1 | 217.4 | 210.6 | 210.6 | 211.6 | 213.5 | 214.5 | 215.4 |
| 152.5° | 233.3 | 225.1 | 217.6 | 216.0 | 215.4 | 215.8 | 217.6 | 217.0 |
| 155°   | 246.2 | 236.6 | 227.9 | 225.1 | 223.1 | 222.2 | 222.2 | 221.2 |
| 157.5° | 258.9 | 250.1 | 239.7 | 235.6 | 232.6 | 230.8 | 229.7 | 228.7 |
| 160°   | 267.4 | 257.8 | 248.1 | 243.3 | 239.5 | 238.5 | 236.6 | 235.6 |
| 162.5° | 275.8 | 265.5 | 256.6 | 251.0 | 247.2 | 246.2 | 245.1 | 243.3 |
| 165°   | 286.6 | 278.9 | 268.3 | 262.6 | 260.6 | 257.8 | 256.8 | 254.9 |
| 167.5° | 296.6 | 290.3 | 281.8 | 276.2 | 272.6 | 270.6 | 269.7 | 267.8 |
| 170°   | 302.0 | 297.2 | 289.5 | 284.7 | 281.8 | 279.9 | 278.9 | 277.0 |
| 172.5° | 306.6 | 302.6 | 296.4 | 292.4 | 290.3 | 289.1 | 287.4 | 286.2 |
| 175°   | 312.6 | 310.7 | 304.9 | 302.0 | 303.0 | 302.0 | 302.0 | 300.1 |
| 177.5° | 317.0 | 316.2 | 313.2 | 311.6 | 313.9 | 313.2 | 313.2 | 310.9 |
| 180°   | 319.3 | 319.3 | 319.3 | 319.3 | 319.3 | 319.3 | 319.3 | 319.3 |

(END OF REPORT)