

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: io LED

Report Number: P273488

Luminaire Tested: **0.10-1W-830-10-OD-STD-UNV-AN-1F6**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P273488
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1708-246-26)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: io LED
Catalog Number: 0.10-1W-830-10-OD-STD-UNV-AN-1F6
Description: iO LIGHTING SERIES 1.5 LINEAR LED LUMINAIRE, 10 DEGREE OPTIC.
STANDARD OUTPUT
Light Source: 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 123.4 lumens
Efficiency: N/A
Efficacy: 19.9 lumens/watt
Spacing Criteria (0/90/45): 0.22 / 0.95 / 0.36
Luminous Opening: Rectangular w/ Sides (W: 1.4' x L: 0.08' x H: 0.04')
CIE Type: Direct

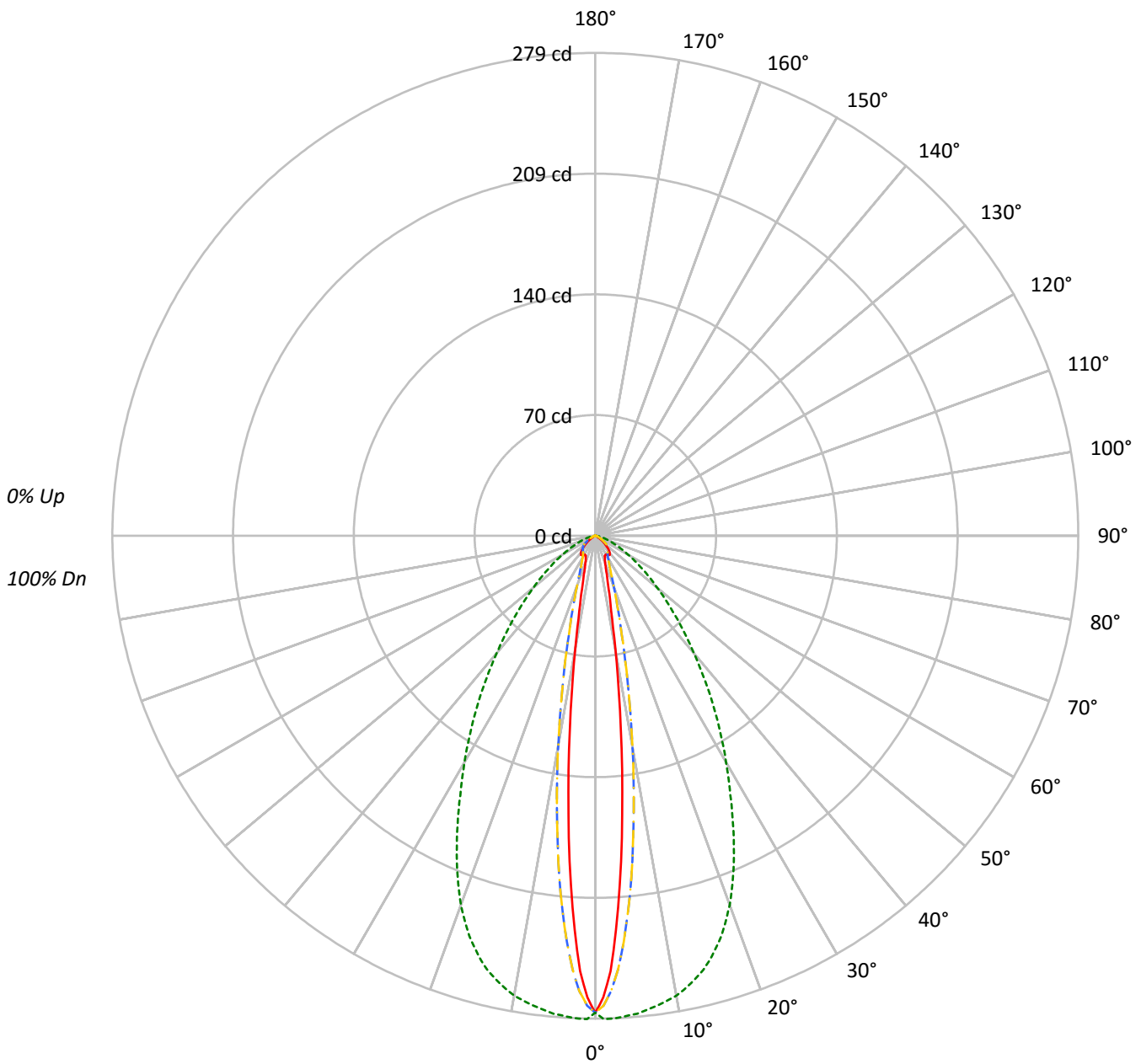
Input Watts (W): 6.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P273488

CATALOG NUMBER: 0.10-1W-830-10-OD-STD-UNV-AN-1F6

Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - - - 90°-270° - - - 135°-315°



TEST NUMBER: P273488

CATALOG NUMBER: 0.10-1W-830-10-OD-STD-UNV-AN-1F6

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 | 112 | 109 | 106 | 103 | 110 | 107 | 104 | 102 | 103 | 101 | 99 | 99 | 97 | 96 | 95 | 94 | 93 | 91 | | | | | 91 | | | |
| 2 | 106 | 100 | 95 | 91 | 103 | 98 | 94 | 90 | 95 | 91 | 88 | 92 | 89 | 86 | 89 | 86 | 84 | 82 | | | | | 82 | | | |
| 3 | 99 | 92 | 86 | 81 | 97 | 90 | 85 | 81 | 88 | 83 | 79 | 85 | 81 | 78 | 83 | 79 | 77 | 75 | | | | | 75 | | | |
| 4 | 93 | 85 | 78 | 73 | 91 | 83 | 78 | 73 | 81 | 76 | 72 | 79 | 75 | 71 | 77 | 73 | 70 | 69 | | | | | 69 | | | |
| 5 | 88 | 79 | 72 | 67 | 86 | 78 | 71 | 67 | 76 | 70 | 66 | 74 | 69 | 65 | 72 | 68 | 65 | 63 | | | | | 63 | | | |
| 6 | 83 | 73 | 67 | 62 | 82 | 72 | 66 | 61 | 71 | 65 | 61 | 69 | 64 | 61 | 68 | 64 | 60 | 59 | | | | | 59 | | | |
| 7 | 79 | 69 | 62 | 57 | 77 | 68 | 62 | 57 | 67 | 61 | 57 | 65 | 60 | 56 | 64 | 60 | 56 | 55 | | | | | 55 | | | |
| 8 | 75 | 65 | 58 | 53 | 74 | 64 | 58 | 53 | 63 | 57 | 53 | 62 | 57 | 53 | 61 | 56 | 53 | 51 | | | | | 51 | | | |
| 9 | 71 | 61 | 54 | 50 | 70 | 60 | 54 | 50 | 59 | 54 | 50 | 58 | 53 | 50 | 58 | 53 | 49 | 48 | | | | | 48 | | | |
| 10 | 68 | 58 | 51 | 47 | 67 | 57 | 51 | 47 | 56 | 51 | 47 | 56 | 50 | 47 | 55 | 50 | 47 | 45 | | | | | 45 | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 25409 | 25409 | 25409 | 25409 |
| 5° | 15543 | 25587 | 15543 | 25587 |
| 10° | 5721 | 25126 | 5721 | 25126 |
| 15° | 2289 | 24090 | 2289 | 24090 |
| 20° | 1370 | 22033 | 1370 | 22033 |
| 25° | 1064 | 18943 | 1064 | 18943 |
| 30° | 1041 | 15814 | 1041 | 15814 |
| 35° | 1142 | 12999 | 1142 | 12999 |
| 40° | 1094 | 10392 | 1094 | 10392 |
| 45° | 887 | 8243 | 887 | 8243 |
| 50° | 620 | 6469 | 620 | 6469 |
| 55° | 384 | 5042 | 384 | 5042 |
| 60° | 188 | 3858 | 188 | 3858 |
| 65° | 116 | 2871 | 116 | 2871 |
| 70° | 91 | 2118 | 91 | 2118 |
| 75° | 62 | 1571 | 62 | 1571 |
| 80° | 42 | 999 | 42 | 999 |
| 85° | 47 | 395 | 47 | 395 |



TEST NUMBER: P273488

CATALOG NUMBER: 0.10-1W-830-10-OD-STD-UNV-AN-1F6

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 18.6 | 15.0 |
| 10°-20° | 27.2 | 22.0 |
| 20°-30° | 24.0 | 19.5 |
| 30°-40° | 20.6 | 16.7 |
| 40°-50° | 16.1 | 13.0 |
| 50°-60° | 9.9 | 8.0 |
| 60°-70° | 4.7 | 3.8 |
| 70°-80° | 1.8 | 1.5 |
| 80°-90° | 0.5 | 0.4 |
| 90°-100° | 0.1 | 0.1 |
| 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° | 69.8 | 56.5 |
| 0°-40° | 90.3 | 73.2 |
| 0°-60° | 116.3 | 94.2 |
| 0°-90° | 123.3 | 99.9 |
| 90°-120° | 0.1 | 0.1 |
| 90°-150° | 0.1 | 0.1 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 123.4 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|-----|-----|------|------|------|------|
| 0° | 276 | 276 | 276 | 276 | 276 | |
| 5° | 175 | 277 | 175 | 277 | 175 | 13 |
| 15° | 27 | 254 | 27 | 254 | 27 | 8 |
| 25° | 13 | 189 | 13 | 189 | 13 | 6 |
| 35° | 14 | 118 | 14 | 118 | 14 | 8 |
| 45° | 10 | 65 | 10 | 65 | 10 | 8 |
| 55° | 4 | 33 | 4 | 33 | 4 | 4 |
| 65° | 1 | 14 | 1 | 14 | 1 | 1 |
| 75° | 0 | 5 | 0 | 5 | 0 | 1 |
| 85° | 0 | 0 | 0 | 0 | 0 | 0 |
| 90° | 0 | 0 | 0 | 0 | 0 | 0 |
| 95° | 0 | 0 | 0 | 0 | 0 | 0 |
| 105° | 0 | 0 | 0 | 0 | 0 | 0 |
| 115° | 0 | 0 | 0 | 0 | 0 | 0 |
| 125° | 0 | 0 | 0 | 0 | 0 | 0 |
| 135° | 0 | 0 | 0 | 0 | 0 | 0 |
| 145° | 0 | 0 | 0 | 0 | 0 | 0 |
| 155° | 0 | 0 | 0 | 0 | 0 | 0 |
| 165° | 0 | 0 | 0 | 0 | 0 | 0 |
| 175° | 0 | 0 | 0 | 0 | 0 | 0 |
| 180° | 0 | 0 | 0 | 0 | 0 | 0 |



TEST NUMBER: P273488

CATALOG NUMBER: 0.10-1W-830-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 275.6 | 275.6 | 275.6 | 275.6 | 275.6 | 275.6 | 275.6 | 275.6 | 275.6 | 275.6 | 275.6 |
| 1° | 266.8 | 267.1 | 266.5 | 266.3 | 266.8 | 267.1 | 267.4 | 268.7 | 270.1 | 270.7 | 271.5 |
| 2° | 251.7 | 251.4 | 250.9 | 251.4 | 252.8 | 253.9 | 254.2 | 256.9 | 259.7 | 261.0 | 263.2 |
| 3° | 228.1 | 229.7 | 229.4 | 230.5 | 232.7 | 235.2 | 235.2 | 239.6 | 244.0 | 246.7 | 250.9 |
| 4° | 202.2 | 203.9 | 203.9 | 205.8 | 209.1 | 211.0 | 212.7 | 218.4 | 224.5 | 228.6 | 235.2 |
| 5° | 175.3 | 176.7 | 177.2 | 179.7 | 183.8 | 186.3 | 187.9 | 195.4 | 203.1 | 208.8 | 217.6 |
| 6° | 148.9 | 150.0 | 150.9 | 153.6 | 158.5 | 161.3 | 163.5 | 171.5 | 180.5 | 187.7 | 198.7 |
| 7° | 124.2 | 125.3 | 126.1 | 129.1 | 134.4 | 137.4 | 139.9 | 148.4 | 158.0 | 166.5 | 178.9 |
| 8° | 101.9 | 103.3 | 104.1 | 107.2 | 112.4 | 115.4 | 118.2 | 126.7 | 136.8 | 146.2 | 159.6 |
| 9° | 83.0 | 84.1 | 84.9 | 87.9 | 92.9 | 95.9 | 98.6 | 106.9 | 117.1 | 126.9 | 141.0 |
| 10° | 66.5 | 67.6 | 68.4 | 72.5 | 76.4 | 79.1 | 81.6 | 89.3 | 99.2 | 109.4 | 123.4 |
| 11° | 53.9 | 55.0 | 55.8 | 58.8 | 62.1 | 64.3 | 67.0 | 74.5 | 83.5 | 93.7 | 107.2 |
| 12° | 44.2 | 45.1 | 46.2 | 48.4 | 51.4 | 53.9 | 55.5 | 61.5 | 70.1 | 79.7 | 92.6 |
| 13° | 37.6 | 37.6 | 38.5 | 40.1 | 42.9 | 44.8 | 46.4 | 51.7 | 58.8 | 67.6 | 79.7 |
| 14° | 31.9 | 31.6 | 32.7 | 34.1 | 36.3 | 37.6 | 38.7 | 43.7 | 50.0 | 57.7 | 68.4 |
| 15° | 27.2 | 27.2 | 28.0 | 29.1 | 30.8 | 32.1 | 33.2 | 37.1 | 42.6 | 49.5 | 58.8 |
| 17.5° | 20.3 | 20.3 | 20.9 | 21.4 | 22.5 | 23.4 | 24.2 | 26.4 | 30.0 | 34.6 | 41.5 |
| 20° | 16.5 | 16.5 | 16.8 | 17.0 | 17.9 | 18.4 | 19.0 | 20.3 | 22.8 | 25.8 | 30.8 |
| 22.5° | 14.3 | 14.3 | 14.6 | 14.6 | 15.1 | 15.4 | 15.9 | 16.8 | 18.4 | 20.3 | 23.9 |
| 25° | 12.9 | 12.9 | 13.2 | 13.2 | 13.5 | 13.7 | 14.0 | 14.6 | 15.7 | 17.0 | 19.5 |
| 27.5° | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.9 | 13.2 | 13.7 | 14.8 | 16.8 |
| 30° | 12.6 | 12.6 | 12.6 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.6 | 13.5 | 14.6 |
| 32.5° | 13.2 | 13.2 | 13.2 | 12.9 | 12.4 | 12.4 | 12.1 | 12.1 | 12.1 | 12.4 | 13.2 |
| 35° | 13.7 | 13.7 | 13.5 | 13.2 | 12.9 | 12.6 | 12.4 | 12.1 | 11.8 | 11.8 | 12.4 |
| 37.5° | 13.7 | 13.7 | 13.5 | 13.5 | 12.9 | 12.9 | 12.6 | 12.1 | 11.5 | 11.5 | 11.5 |
| 40° | 12.9 | 12.9 | 12.9 | 12.9 | 12.6 | 12.6 | 12.4 | 12.1 | 11.5 | 11.3 | 11.3 |
| 42.5° | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.5 | 11.5 | 11.3 | 11.0 | 10.7 |
| 45° | 10.2 | 10.2 | 10.2 | 10.4 | 10.4 | 10.4 | 10.7 | 10.7 | 10.4 | 10.4 | 10.4 |
| 47.5° | 8.5 | 8.5 | 8.5 | 8.8 | 9.1 | 9.1 | 9.1 | 9.3 | 9.6 | 9.6 | 9.6 |
| 50° | 6.9 | 6.9 | 7.1 | 7.1 | 7.4 | 7.4 | 7.7 | 8.0 | 8.2 | 8.5 | 8.8 |
| 52.5° | 5.5 | 5.5 | 5.5 | 5.8 | 6.0 | 6.0 | 6.3 | 6.6 | 7.1 | 7.4 | 8.0 |
| 55° | 4.1 | 4.1 | 4.1 | 4.4 | 4.7 | 4.7 | 4.9 | 5.2 | 5.8 | 6.3 | 6.6 |
| 57.5° | 2.7 | 3.0 | 3.0 | 3.0 | 3.3 | 3.6 | 3.6 | 4.1 | 4.4 | 5.2 | 5.5 |
| 60° | 1.9 | 1.9 | 2.2 | 2.2 | 2.5 | 2.5 | 2.7 | 3.0 | 3.3 | 3.8 | 4.4 |
| 62.5° | 1.4 | 1.4 | 1.4 | 1.6 | 1.6 | 1.9 | 1.9 | 2.2 | 2.5 | 3.0 | 3.6 |
| 65° | 1.1 | 1.1 | 1.1 | 1.1 | 1.4 | 1.4 | 1.4 | 1.6 | 1.9 | 2.2 | 2.7 |
| 67.5° | 0.8 | 0.8 | 0.8 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.4 | 1.6 | 1.9 |
| 70° | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 1.1 | 1.1 | 1.4 | 1.4 |
| 72.5° | 0.5 | 0.5 | 0.5 | 0.5 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 1.1 |
| 75° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.8 | 0.8 | 0.8 |
| 77.5° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.8 |
| 80° | 0.3 | 0.3 | 0.3 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 82.5° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.5 | 0.5 | 0.5 |
| 85° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 87.5° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |



TEST NUMBER: P273488

CATALOG NUMBER: 0.10-1W-830-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|--------|-----|-----|-----|-----|-----|-------|-----|-----|-----|-----|-----|
| 90° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 92.5° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 95° | 0.0 | 0.0 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.0 | 0.0 |
| 97.5° | 0.3 | 0.0 | 0.0 | 0.3 | 0.3 | 0.3 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 102.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 110° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 145° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P273488

CATALOG NUMBER: 0.10-1W-830-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° | 95° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 275.6 | 275.6 | 275.6 | 275.6 | 275.6 | 275.6 | 275.6 | 275.6 | 275.6 | 275.6 | 275.6 |
| 1° | 272.8 | 273.4 | 274.2 | 275.9 | 276.1 | 276.4 | 277.0 | 277.5 | 278.9 | 279.4 | 278.9 |
| 2° | 266.0 | 267.6 | 270.1 | 272.8 | 273.1 | 274.2 | 275.6 | 276.7 | 278.3 | 279.2 | 278.3 |
| 3° | 255.5 | 259.1 | 263.2 | 268.2 | 269.0 | 270.7 | 273.4 | 275.6 | 277.8 | 278.6 | 277.8 |
| 4° | 242.1 | 247.6 | 254.2 | 261.3 | 263.2 | 265.7 | 270.1 | 273.7 | 276.7 | 277.8 | 276.7 |
| 5° | 226.4 | 234.4 | 243.4 | 253.1 | 256.4 | 259.9 | 266.5 | 271.5 | 275.6 | 277.2 | 275.6 |
| 6° | 209.4 | 219.8 | 231.4 | 243.7 | 248.1 | 253.3 | 262.1 | 268.5 | 273.9 | 275.9 | 273.9 |
| 7° | 190.4 | 203.9 | 218.2 | 233.3 | 239.1 | 245.4 | 256.9 | 265.4 | 272.0 | 274.5 | 272.0 |
| 8° | 172.6 | 187.9 | 204.4 | 222.3 | 229.2 | 237.1 | 251.1 | 262.1 | 270.1 | 273.1 | 270.1 |
| 9° | 155.0 | 171.7 | 190.4 | 210.5 | 219.0 | 228.3 | 244.8 | 258.0 | 267.9 | 271.5 | 267.9 |
| 10° | 138.2 | 156.9 | 176.1 | 198.4 | 207.7 | 218.7 | 238.2 | 253.9 | 265.2 | 269.8 | 265.2 |
| 11° | 122.3 | 141.5 | 162.1 | 185.2 | 196.5 | 208.8 | 230.8 | 249.2 | 262.1 | 267.4 | 262.1 |
| 12° | 108.0 | 127.2 | 148.4 | 173.1 | 185.2 | 198.7 | 223.1 | 244.0 | 258.8 | 264.6 | 258.8 |
| 13° | 94.8 | 113.8 | 135.2 | 160.5 | 173.9 | 188.5 | 215.1 | 238.5 | 255.0 | 261.6 | 255.0 |
| 14° | 83.3 | 101.4 | 123.1 | 148.9 | 162.9 | 178.6 | 207.2 | 232.7 | 251.1 | 258.3 | 251.1 |
| 15° | 72.3 | 90.1 | 111.6 | 137.9 | 152.8 | 168.4 | 198.9 | 226.4 | 246.5 | 254.4 | 246.5 |
| 17.5° | 51.7 | 66.2 | 86.6 | 112.7 | 127.5 | 144.5 | 177.8 | 209.7 | 233.3 | 242.4 | 233.3 |
| 20° | 38.2 | 49.7 | 66.5 | 91.2 | 105.8 | 121.4 | 156.9 | 191.2 | 216.8 | 227.0 | 216.8 |
| 22.5° | 29.4 | 38.2 | 51.9 | 74.2 | 87.4 | 102.8 | 137.4 | 172.3 | 198.4 | 208.8 | 198.4 |
| 25° | 23.6 | 30.5 | 41.5 | 60.2 | 72.3 | 87.1 | 119.8 | 153.6 | 178.9 | 188.8 | 178.9 |
| 27.5° | 19.8 | 25.0 | 34.1 | 50.0 | 60.7 | 74.2 | 105.0 | 136.0 | 159.9 | 169.0 | 159.9 |
| 30° | 17.0 | 21.2 | 28.9 | 42.6 | 52.2 | 64.0 | 92.3 | 120.4 | 142.3 | 151.1 | 142.3 |
| 32.5° | 15.1 | 18.4 | 25.0 | 37.1 | 45.9 | 56.1 | 81.3 | 106.3 | 126.1 | 134.1 | 126.1 |
| 35° | 13.5 | 16.5 | 22.0 | 33.0 | 40.7 | 50.0 | 71.4 | 93.1 | 110.5 | 117.9 | 110.5 |
| 37.5° | 12.6 | 14.8 | 19.8 | 29.7 | 36.5 | 44.5 | 62.6 | 81.1 | 95.9 | 102.8 | 95.9 |
| 40° | 11.8 | 13.7 | 18.1 | 26.9 | 33.0 | 39.8 | 55.0 | 69.2 | 82.7 | 88.5 | 82.7 |
| 42.5° | 11.0 | 12.6 | 16.5 | 24.5 | 29.7 | 35.4 | 47.3 | 59.4 | 70.9 | 76.4 | 70.9 |
| 45° | 10.7 | 11.8 | 15.4 | 22.0 | 26.7 | 31.3 | 40.9 | 50.8 | 60.5 | 65.1 | 60.5 |
| 47.5° | 9.9 | 11.0 | 14.0 | 19.8 | 23.4 | 27.2 | 34.9 | 43.4 | 51.4 | 55.2 | 51.4 |
| 50° | 9.1 | 10.2 | 12.9 | 17.6 | 20.6 | 23.4 | 29.7 | 36.8 | 43.7 | 46.7 | 43.7 |
| 52.5° | 8.2 | 9.3 | 11.5 | 15.4 | 17.6 | 20.1 | 25.0 | 31.0 | 36.8 | 39.3 | 36.8 |
| 55° | 7.1 | 8.2 | 10.2 | 13.2 | 15.1 | 16.8 | 20.9 | 25.8 | 30.5 | 32.7 | 30.5 |
| 57.5° | 6.3 | 7.1 | 8.8 | 11.3 | 12.6 | 14.0 | 17.3 | 21.4 | 25.3 | 26.9 | 25.3 |
| 60° | 5.2 | 6.0 | 7.4 | 9.3 | 10.4 | 11.5 | 14.3 | 17.6 | 20.6 | 22.0 | 20.6 |
| 62.5° | 4.1 | 4.9 | 6.0 | 7.7 | 8.5 | 9.6 | 11.5 | 14.3 | 16.8 | 17.6 | 16.8 |
| 65° | 3.3 | 3.8 | 4.9 | 6.3 | 7.1 | 7.7 | 9.3 | 11.5 | 13.2 | 14.0 | 13.2 |
| 67.5° | 2.5 | 3.0 | 3.8 | 4.9 | 5.8 | 6.3 | 7.7 | 9.1 | 10.4 | 11.3 | 10.4 |
| 70° | 1.9 | 2.2 | 3.0 | 3.8 | 4.4 | 4.9 | 6.0 | 7.1 | 8.2 | 8.5 | 8.2 |
| 72.5° | 1.4 | 1.6 | 2.2 | 3.0 | 3.3 | 3.8 | 4.7 | 5.5 | 6.3 | 6.6 | 6.3 |
| 75° | 1.1 | 1.4 | 1.6 | 2.2 | 2.5 | 3.0 | 3.6 | 4.1 | 4.7 | 4.9 | 4.7 |
| 77.5° | 0.8 | 1.1 | 1.4 | 1.6 | 1.9 | 2.2 | 2.5 | 3.0 | 3.3 | 3.6 | 3.3 |
| 80° | 0.5 | 0.8 | 0.8 | 1.1 | 1.4 | 1.4 | 1.9 | 1.9 | 2.2 | 2.2 | 2.2 |
| 82.5° | 0.5 | 0.5 | 0.5 | 0.8 | 0.8 | 1.1 | 1.1 | 1.4 | 1.4 | 1.4 | 1.4 |
| 85° | 0.3 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 87.5° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |



TEST NUMBER: P273488

CATALOG NUMBER: 0.10-1W-830-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° | 95° |
|--------|-----|-----|-----|-----|-------|-----|-----|-----|-----|-----|-----|
| 90° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 92.5° | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 95° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 97.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 102.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 110° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 145° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P273488

CATALOG NUMBER: 0.10-1W-830-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

| | 100° | 105° | 110° | 112.5° | 115° | 120° | 125° | 130° | 135° | 140° | 145° |
|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 275.6 | 275.6 | 275.6 | 275.6 | 275.6 | 275.6 | 275.6 | 275.6 | 275.6 | 275.6 | 275.6 |
| 1° | 277.5 | 277.0 | 276.4 | 276.1 | 275.9 | 274.2 | 273.4 | 272.8 | 271.5 | 270.7 | 270.1 |
| 2° | 276.7 | 275.6 | 274.2 | 273.1 | 272.8 | 270.1 | 267.6 | 266.0 | 263.2 | 261.0 | 259.7 |
| 3° | 275.6 | 273.4 | 270.7 | 269.0 | 268.2 | 263.2 | 259.1 | 255.5 | 250.9 | 246.7 | 244.0 |
| 4° | 273.7 | 270.1 | 265.7 | 263.2 | 261.3 | 254.2 | 247.6 | 242.1 | 235.2 | 228.6 | 224.5 |
| 5° | 271.5 | 266.5 | 259.9 | 256.4 | 253.1 | 243.4 | 234.4 | 226.4 | 217.6 | 208.8 | 203.1 |
| 6° | 268.5 | 262.1 | 253.3 | 248.1 | 243.7 | 231.4 | 219.8 | 209.4 | 198.7 | 187.7 | 180.5 |
| 7° | 265.4 | 256.9 | 245.4 | 239.1 | 233.3 | 218.2 | 203.9 | 190.4 | 178.9 | 166.5 | 158.0 |
| 8° | 262.1 | 251.1 | 237.1 | 229.2 | 222.3 | 204.4 | 187.9 | 172.6 | 159.6 | 146.2 | 136.8 |
| 9° | 258.0 | 244.8 | 228.3 | 219.0 | 210.5 | 190.4 | 171.7 | 155.0 | 141.0 | 126.9 | 117.1 |
| 10° | 253.9 | 238.2 | 218.7 | 207.7 | 198.4 | 176.1 | 156.9 | 138.2 | 123.4 | 109.4 | 99.2 |
| 11° | 249.2 | 230.8 | 208.8 | 196.5 | 185.2 | 162.1 | 141.5 | 122.3 | 107.2 | 93.7 | 83.5 |
| 12° | 244.0 | 223.1 | 198.7 | 185.2 | 173.1 | 148.4 | 127.2 | 108.0 | 92.6 | 79.7 | 70.1 |
| 13° | 238.5 | 215.1 | 188.5 | 173.9 | 160.5 | 135.2 | 113.8 | 94.8 | 79.7 | 67.6 | 58.8 |
| 14° | 232.7 | 207.2 | 178.6 | 162.9 | 148.9 | 123.1 | 101.4 | 83.3 | 68.4 | 57.7 | 50.0 |
| 15° | 226.4 | 198.9 | 168.4 | 152.8 | 137.9 | 111.6 | 90.1 | 72.3 | 58.8 | 49.5 | 42.6 |
| 17.5° | 209.7 | 177.8 | 144.5 | 127.5 | 112.7 | 86.6 | 66.2 | 51.7 | 41.5 | 34.6 | 30.0 |
| 20° | 191.2 | 156.9 | 121.4 | 105.8 | 91.2 | 66.5 | 49.7 | 38.2 | 30.8 | 25.8 | 22.8 |
| 22.5° | 172.3 | 137.4 | 102.8 | 87.4 | 74.2 | 51.9 | 38.2 | 29.4 | 23.9 | 20.3 | 18.4 |
| 25° | 153.6 | 119.8 | 87.1 | 72.3 | 60.2 | 41.5 | 30.5 | 23.6 | 19.5 | 17.0 | 15.7 |
| 27.5° | 136.0 | 105.0 | 74.2 | 60.7 | 50.0 | 34.1 | 25.0 | 19.8 | 16.8 | 14.8 | 13.7 |
| 30° | 120.4 | 92.3 | 64.0 | 52.2 | 42.6 | 28.9 | 21.2 | 17.0 | 14.6 | 13.5 | 12.6 |
| 32.5° | 106.3 | 81.3 | 56.1 | 45.9 | 37.1 | 25.0 | 18.4 | 15.1 | 13.2 | 12.4 | 12.1 |
| 35° | 93.1 | 71.4 | 50.0 | 40.7 | 33.0 | 22.0 | 16.5 | 13.5 | 12.4 | 11.8 | 11.8 |
| 37.5° | 81.1 | 62.6 | 44.5 | 36.5 | 29.7 | 19.8 | 14.8 | 12.6 | 11.5 | 11.5 | 11.5 |
| 40° | 69.2 | 55.0 | 39.8 | 33.0 | 26.9 | 18.1 | 13.7 | 11.8 | 11.3 | 11.3 | 11.5 |
| 42.5° | 59.4 | 47.3 | 35.4 | 29.7 | 24.5 | 16.5 | 12.6 | 11.0 | 10.7 | 11.0 | 11.3 |
| 45° | 50.8 | 40.9 | 31.3 | 26.7 | 22.0 | 15.4 | 11.8 | 10.7 | 10.4 | 10.4 | 10.4 |
| 47.5° | 43.4 | 34.9 | 27.2 | 23.4 | 19.8 | 14.0 | 11.0 | 9.9 | 9.6 | 9.6 | 9.6 |
| 50° | 36.8 | 29.7 | 23.4 | 20.6 | 17.6 | 12.9 | 10.2 | 9.1 | 8.8 | 8.5 | 8.2 |
| 52.5° | 31.0 | 25.0 | 20.1 | 17.6 | 15.4 | 11.5 | 9.3 | 8.2 | 8.0 | 7.4 | 7.1 |
| 55° | 25.8 | 20.9 | 16.8 | 15.1 | 13.2 | 10.2 | 8.2 | 7.1 | 6.6 | 6.3 | 5.8 |
| 57.5° | 21.4 | 17.3 | 14.0 | 12.6 | 11.3 | 8.8 | 7.1 | 6.3 | 5.5 | 5.2 | 4.4 |
| 60° | 17.6 | 14.3 | 11.5 | 10.4 | 9.3 | 7.4 | 6.0 | 5.2 | 4.4 | 3.8 | 3.3 |
| 62.5° | 14.3 | 11.5 | 9.6 | 8.5 | 7.7 | 6.0 | 4.9 | 4.1 | 3.6 | 3.0 | 2.5 |
| 65° | 11.5 | 9.3 | 7.7 | 7.1 | 6.3 | 4.9 | 3.8 | 3.3 | 2.7 | 2.2 | 1.9 |
| 67.5° | 9.1 | 7.7 | 6.3 | 5.8 | 4.9 | 3.8 | 3.0 | 2.5 | 1.9 | 1.6 | 1.4 |
| 70° | 7.1 | 6.0 | 4.9 | 4.4 | 3.8 | 3.0 | 2.2 | 1.9 | 1.4 | 1.4 | 1.1 |
| 72.5° | 5.5 | 4.7 | 3.8 | 3.3 | 3.0 | 2.2 | 1.6 | 1.4 | 1.1 | 0.8 | 0.8 |
| 75° | 4.1 | 3.6 | 3.0 | 2.5 | 2.2 | 1.6 | 1.4 | 1.1 | 0.8 | 0.8 | 0.8 |
| 77.5° | 3.0 | 2.5 | 2.2 | 1.9 | 1.6 | 1.4 | 1.1 | 0.8 | 0.8 | 0.5 | 0.5 |
| 80° | 1.9 | 1.9 | 1.4 | 1.4 | 1.1 | 0.8 | 0.8 | 0.5 | 0.5 | 0.5 | 0.5 |
| 82.5° | 1.4 | 1.1 | 1.1 | 0.8 | 0.8 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 85° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.3 | 0.3 | 0.3 | 0.3 |
| 87.5° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |



TEST NUMBER: P273488

CATALOG NUMBER: 0.10-1W-830-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

| | 100° | 105° | 110° | 112.5° | 115° | 120° | 125° | 130° | 135° | 140° | 145° |
|--------|------|------|------|--------|------|------|------|------|------|------|------|
| 90° | 0.0 | 0.0 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 92.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.3 | 0.3 | 0.3 |
| 95° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 |
| 97.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 102.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 110° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 145° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P273488

CATALOG NUMBER: 0.10-1W-830-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

| | 150° | 155° | 157.5° | 160° | 165° | 170° | 175° | 180° | 185° | 190° | 195° |
|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 275.6 | 275.6 | 275.6 | 275.6 | 275.6 | 275.6 | 275.6 | 275.6 | 275.6 | 275.6 | 275.6 |
| 1° | 268.7 | 267.4 | 267.1 | 266.8 | 266.3 | 266.5 | 267.1 | 266.8 | 267.1 | 266.5 | 266.3 |
| 2° | 256.9 | 254.2 | 253.9 | 252.8 | 251.4 | 250.9 | 251.4 | 251.7 | 251.4 | 250.9 | 251.4 |
| 3° | 239.6 | 235.2 | 235.2 | 232.7 | 230.5 | 229.4 | 229.7 | 228.1 | 229.7 | 229.4 | 230.5 |
| 4° | 218.4 | 212.7 | 211.0 | 209.1 | 205.8 | 203.9 | 203.9 | 202.2 | 203.9 | 203.9 | 205.8 |
| 5° | 195.4 | 187.9 | 186.3 | 183.8 | 179.7 | 177.2 | 176.7 | 175.3 | 176.7 | 177.2 | 179.7 |
| 6° | 171.5 | 163.5 | 161.3 | 158.5 | 153.6 | 150.9 | 150.0 | 148.9 | 150.0 | 150.9 | 153.6 |
| 7° | 148.4 | 139.9 | 137.4 | 134.4 | 129.1 | 126.1 | 125.3 | 124.2 | 125.3 | 126.1 | 129.1 |
| 8° | 126.7 | 118.2 | 115.4 | 112.4 | 107.2 | 104.1 | 103.3 | 101.9 | 103.3 | 104.1 | 107.2 |
| 9° | 106.9 | 98.6 | 95.9 | 92.9 | 87.9 | 84.9 | 84.1 | 83.0 | 84.1 | 84.9 | 87.9 |
| 10° | 89.3 | 81.6 | 79.1 | 76.4 | 72.5 | 68.4 | 67.6 | 66.5 | 67.6 | 68.4 | 72.5 |
| 11° | 74.5 | 67.0 | 64.3 | 62.1 | 58.8 | 55.8 | 55.0 | 53.9 | 55.0 | 55.8 | 58.8 |
| 12° | 61.5 | 55.5 | 53.9 | 51.4 | 48.4 | 46.2 | 45.1 | 44.2 | 45.1 | 46.2 | 48.4 |
| 13° | 51.7 | 46.4 | 44.8 | 42.9 | 40.1 | 38.5 | 37.6 | 37.6 | 37.6 | 38.5 | 40.1 |
| 14° | 43.7 | 38.7 | 37.6 | 36.3 | 34.1 | 32.7 | 31.6 | 31.9 | 31.6 | 32.7 | 34.1 |
| 15° | 37.1 | 33.2 | 32.1 | 30.8 | 29.1 | 28.0 | 27.2 | 27.2 | 27.2 | 28.0 | 29.1 |
| 17.5° | 26.4 | 24.2 | 23.4 | 22.5 | 21.4 | 20.9 | 20.3 | 20.3 | 20.3 | 20.9 | 21.4 |
| 20° | 20.3 | 19.0 | 18.4 | 17.9 | 17.0 | 16.8 | 16.5 | 16.5 | 16.5 | 16.8 | 17.0 |
| 22.5° | 16.8 | 15.9 | 15.4 | 15.1 | 14.6 | 14.6 | 14.3 | 14.3 | 14.3 | 14.6 | 14.6 |
| 25° | 14.6 | 14.0 | 13.7 | 13.5 | 13.2 | 13.2 | 12.9 | 12.9 | 12.9 | 13.2 | 13.2 |
| 27.5° | 13.2 | 12.9 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 |
| 30° | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.4 |
| 32.5° | 12.1 | 12.1 | 12.4 | 12.4 | 12.9 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 12.9 |
| 35° | 12.1 | 12.4 | 12.6 | 12.9 | 13.2 | 13.5 | 13.7 | 13.7 | 13.7 | 13.5 | 13.2 |
| 37.5° | 12.1 | 12.6 | 12.9 | 12.9 | 13.5 | 13.5 | 13.7 | 13.7 | 13.7 | 13.5 | 13.5 |
| 40° | 12.1 | 12.4 | 12.6 | 12.6 | 12.9 | 12.9 | 12.9 | 12.9 | 12.9 | 12.9 | 12.9 |
| 42.5° | 11.5 | 11.5 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 |
| 45° | 10.7 | 10.7 | 10.4 | 10.4 | 10.4 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.4 |
| 47.5° | 9.3 | 9.1 | 9.1 | 9.1 | 8.8 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.8 |
| 50° | 8.0 | 7.7 | 7.4 | 7.4 | 7.1 | 7.1 | 6.9 | 6.9 | 6.9 | 7.1 | 7.1 |
| 52.5° | 6.6 | 6.3 | 6.0 | 6.0 | 5.8 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.8 |
| 55° | 5.2 | 4.9 | 4.7 | 4.7 | 4.4 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.4 |
| 57.5° | 4.1 | 3.6 | 3.6 | 3.3 | 3.0 | 3.0 | 3.0 | 2.7 | 3.0 | 3.0 | 3.0 |
| 60° | 3.0 | 2.7 | 2.5 | 2.5 | 2.2 | 2.2 | 1.9 | 1.9 | 1.9 | 2.2 | 2.2 |
| 62.5° | 2.2 | 1.9 | 1.9 | 1.6 | 1.6 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.6 |
| 65° | 1.6 | 1.4 | 1.4 | 1.4 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 67.5° | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 1.1 |
| 70° | 1.1 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| 72.5° | 0.8 | 0.8 | 0.8 | 0.8 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 75° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 77.5° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 80° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.5 |
| 82.5° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 85° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 87.5° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |



TEST NUMBER: P273488

CATALOG NUMBER: 0.10-1W-830-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

| | 150° | 155° | 157.5° | 160° | 165° | 170° | 175° | 180° | 185° | 190° | 195° |
|--------|------|------|--------|------|------|------|------|------|------|------|------|
| 90° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 92.5° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 95° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.0 | 0.0 | 0.0 | 0.3 | 0.3 |
| 97.5° | 0.0 | 0.3 | 0.3 | 0.3 | 0.3 | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 | 0.3 |
| 100° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 102.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 110° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 145° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P273488

CATALOG NUMBER: 0.10-1W-830-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

| | 200° | 202.5° | 205° | 210° | 215° | 220° | 225° | 230° | 235° | 240° | 245° |
|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 275.6 | 275.6 | 275.6 | 275.6 | 275.6 | 275.6 | 275.6 | 275.6 | 275.6 | 275.6 | 275.6 |
| 1° | 266.8 | 267.1 | 267.4 | 268.7 | 270.1 | 270.7 | 271.5 | 272.8 | 273.4 | 274.2 | 275.9 |
| 2° | 252.8 | 253.9 | 254.2 | 256.9 | 259.7 | 261.0 | 263.2 | 266.0 | 267.6 | 270.1 | 272.8 |
| 3° | 232.7 | 235.2 | 235.2 | 239.6 | 244.0 | 246.7 | 250.9 | 255.5 | 259.1 | 263.2 | 268.2 |
| 4° | 209.1 | 211.0 | 212.7 | 218.4 | 224.5 | 228.6 | 235.2 | 242.1 | 247.6 | 254.2 | 261.3 |
| 5° | 183.8 | 186.3 | 187.9 | 195.4 | 203.1 | 208.8 | 217.6 | 226.4 | 234.4 | 243.4 | 253.1 |
| 6° | 158.5 | 161.3 | 163.5 | 171.5 | 180.5 | 187.7 | 198.7 | 209.4 | 219.8 | 231.4 | 243.7 |
| 7° | 134.4 | 137.4 | 139.9 | 148.4 | 158.0 | 166.5 | 178.9 | 190.4 | 203.9 | 218.2 | 233.3 |
| 8° | 112.4 | 115.4 | 118.2 | 126.7 | 136.8 | 146.2 | 159.6 | 172.6 | 187.9 | 204.4 | 222.3 |
| 9° | 92.9 | 95.9 | 98.6 | 106.9 | 117.1 | 126.9 | 141.0 | 155.0 | 171.7 | 190.4 | 210.5 |
| 10° | 76.4 | 79.1 | 81.6 | 89.3 | 99.2 | 109.4 | 123.4 | 138.2 | 156.9 | 176.1 | 198.4 |
| 11° | 62.1 | 64.3 | 67.0 | 74.5 | 83.5 | 93.7 | 107.2 | 122.3 | 141.5 | 162.1 | 185.2 |
| 12° | 51.4 | 53.9 | 55.5 | 61.5 | 70.1 | 79.7 | 92.6 | 108.0 | 127.2 | 148.4 | 173.1 |
| 13° | 42.9 | 44.8 | 46.4 | 51.7 | 58.8 | 67.6 | 79.7 | 94.8 | 113.8 | 135.2 | 160.5 |
| 14° | 36.3 | 37.6 | 38.7 | 43.7 | 50.0 | 57.7 | 68.4 | 83.3 | 101.4 | 123.1 | 148.9 |
| 15° | 30.8 | 32.1 | 33.2 | 37.1 | 42.6 | 49.5 | 58.8 | 72.3 | 90.1 | 111.6 | 137.9 |
| 17.5° | 22.5 | 23.4 | 24.2 | 26.4 | 30.0 | 34.6 | 41.5 | 51.7 | 66.2 | 86.6 | 112.7 |
| 20° | 17.9 | 18.4 | 19.0 | 20.3 | 22.8 | 25.8 | 30.8 | 38.2 | 49.7 | 66.5 | 91.2 |
| 22.5° | 15.1 | 15.4 | 15.9 | 16.8 | 18.4 | 20.3 | 23.9 | 29.4 | 38.2 | 51.9 | 74.2 |
| 25° | 13.5 | 13.7 | 14.0 | 14.6 | 15.7 | 17.0 | 19.5 | 23.6 | 30.5 | 41.5 | 60.2 |
| 27.5° | 12.6 | 12.6 | 12.9 | 13.2 | 13.7 | 14.8 | 16.8 | 19.8 | 25.0 | 34.1 | 50.0 |
| 30° | 12.4 | 12.4 | 12.4 | 12.4 | 12.6 | 13.5 | 14.6 | 17.0 | 21.2 | 28.9 | 42.6 |
| 32.5° | 12.4 | 12.4 | 12.1 | 12.1 | 12.1 | 12.4 | 13.2 | 15.1 | 18.4 | 25.0 | 37.1 |
| 35° | 12.9 | 12.6 | 12.4 | 12.1 | 11.8 | 11.8 | 12.4 | 13.5 | 16.5 | 22.0 | 33.0 |
| 37.5° | 12.9 | 12.9 | 12.6 | 12.1 | 11.5 | 11.5 | 11.5 | 12.6 | 14.8 | 19.8 | 29.7 |
| 40° | 12.6 | 12.6 | 12.4 | 12.1 | 11.5 | 11.3 | 11.3 | 11.8 | 13.7 | 18.1 | 26.9 |
| 42.5° | 11.8 | 11.8 | 11.5 | 11.5 | 11.3 | 11.0 | 10.7 | 11.0 | 12.6 | 16.5 | 24.5 |
| 45° | 10.4 | 10.4 | 10.7 | 10.7 | 10.4 | 10.4 | 10.4 | 10.7 | 11.8 | 15.4 | 22.0 |
| 47.5° | 9.1 | 9.1 | 9.1 | 9.3 | 9.6 | 9.6 | 9.6 | 9.9 | 11.0 | 14.0 | 19.8 |
| 50° | 7.4 | 7.4 | 7.7 | 8.0 | 8.2 | 8.5 | 8.8 | 9.1 | 10.2 | 12.9 | 17.6 |
| 52.5° | 6.0 | 6.0 | 6.3 | 6.6 | 7.1 | 7.4 | 8.0 | 8.2 | 9.3 | 11.5 | 15.4 |
| 55° | 4.7 | 4.7 | 4.9 | 5.2 | 5.8 | 6.3 | 6.6 | 7.1 | 8.2 | 10.2 | 13.2 |
| 57.5° | 3.3 | 3.6 | 3.6 | 4.1 | 4.4 | 5.2 | 5.5 | 6.3 | 7.1 | 8.8 | 11.3 |
| 60° | 2.5 | 2.5 | 2.7 | 3.0 | 3.3 | 3.8 | 4.4 | 5.2 | 6.0 | 7.4 | 9.3 |
| 62.5° | 1.6 | 1.9 | 1.9 | 2.2 | 2.5 | 3.0 | 3.6 | 4.1 | 4.9 | 6.0 | 7.7 |
| 65° | 1.4 | 1.4 | 1.4 | 1.6 | 1.9 | 2.2 | 2.7 | 3.3 | 3.8 | 4.9 | 6.3 |
| 67.5° | 1.1 | 1.1 | 1.1 | 1.1 | 1.4 | 1.6 | 1.9 | 2.5 | 3.0 | 3.8 | 4.9 |
| 70° | 0.8 | 0.8 | 0.8 | 1.1 | 1.1 | 1.4 | 1.4 | 1.9 | 2.2 | 3.0 | 3.8 |
| 72.5° | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 1.1 | 1.4 | 1.6 | 2.2 | 3.0 |
| 75° | 0.5 | 0.5 | 0.5 | 0.5 | 0.8 | 0.8 | 0.8 | 1.1 | 1.4 | 1.6 | 2.2 |
| 77.5° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.8 | 0.8 | 1.1 | 1.4 | 1.6 |
| 80° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.8 | 0.8 | 1.1 |
| 82.5° | 0.3 | 0.3 | 0.3 | 0.3 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.8 |
| 85° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.5 | 0.5 | 0.5 |
| 87.5° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |



TEST NUMBER: P273488

CATALOG NUMBER: 0.10-1W-830-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

| | 200° | 202.5° | 205° | 210° | 215° | 220° | 225° | 230° | 235° | 240° | 245° |
|--------|------|--------|------|------|------|------|------|------|------|------|------|
| 90° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 92.5° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.0 | 0.0 | 0.0 |
| 95° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 97.5° | 0.3 | 0.3 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 102.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 110° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 145° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P273488

CATALOG NUMBER: 0.10-1W-830-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 255° | 260° | 265° | 270° | 275° | 280° | 285° | 290° | 292.5° |
|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0° | 275.6 | 275.6 | 275.6 | 275.6 | 275.6 | 275.6 | 275.6 | 275.6 | 275.6 | 275.6 | 275.6 |
| 1° | 276.1 | 276.4 | 277.0 | 277.5 | 278.9 | 279.4 | 278.9 | 277.5 | 277.0 | 276.4 | 276.1 |
| 2° | 273.1 | 274.2 | 275.6 | 276.7 | 278.3 | 279.2 | 278.3 | 276.7 | 275.6 | 274.2 | 273.1 |
| 3° | 269.0 | 270.7 | 273.4 | 275.6 | 277.8 | 278.6 | 277.8 | 275.6 | 273.4 | 270.7 | 269.0 |
| 4° | 263.2 | 265.7 | 270.1 | 273.7 | 276.7 | 277.8 | 276.7 | 273.7 | 270.1 | 265.7 | 263.2 |
| 5° | 256.4 | 259.9 | 266.5 | 271.5 | 275.6 | 277.2 | 275.6 | 271.5 | 266.5 | 259.9 | 256.4 |
| 6° | 248.1 | 253.3 | 262.1 | 268.5 | 273.9 | 275.9 | 273.9 | 268.5 | 262.1 | 253.3 | 248.1 |
| 7° | 239.1 | 245.4 | 256.9 | 265.4 | 272.0 | 274.5 | 272.0 | 265.4 | 256.9 | 245.4 | 239.1 |
| 8° | 229.2 | 237.1 | 251.1 | 262.1 | 270.1 | 273.1 | 270.1 | 262.1 | 251.1 | 237.1 | 229.2 |
| 9° | 219.0 | 228.3 | 244.8 | 258.0 | 267.9 | 271.5 | 267.9 | 258.0 | 244.8 | 228.3 | 219.0 |
| 10° | 207.7 | 218.7 | 238.2 | 253.9 | 265.2 | 269.8 | 265.2 | 253.9 | 238.2 | 218.7 | 207.7 |
| 11° | 196.5 | 208.8 | 230.8 | 249.2 | 262.1 | 267.4 | 262.1 | 249.2 | 230.8 | 208.8 | 196.5 |
| 12° | 185.2 | 198.7 | 223.1 | 244.0 | 258.8 | 264.6 | 258.8 | 244.0 | 223.1 | 198.7 | 185.2 |
| 13° | 173.9 | 188.5 | 215.1 | 238.5 | 255.0 | 261.6 | 255.0 | 238.5 | 215.1 | 188.5 | 173.9 |
| 14° | 162.9 | 178.6 | 207.2 | 232.7 | 251.1 | 258.3 | 251.1 | 232.7 | 207.2 | 178.6 | 162.9 |
| 15° | 152.8 | 168.4 | 198.9 | 226.4 | 246.5 | 254.4 | 246.5 | 226.4 | 198.9 | 168.4 | 152.8 |
| 17.5° | 127.5 | 144.5 | 177.8 | 209.7 | 233.3 | 242.4 | 233.3 | 209.7 | 177.8 | 144.5 | 127.5 |
| 20° | 105.8 | 121.4 | 156.9 | 191.2 | 216.8 | 227.0 | 216.8 | 191.2 | 156.9 | 121.4 | 105.8 |
| 22.5° | 87.4 | 102.8 | 137.4 | 172.3 | 198.4 | 208.8 | 198.4 | 172.3 | 137.4 | 102.8 | 87.4 |
| 25° | 72.3 | 87.1 | 119.8 | 153.6 | 178.9 | 188.8 | 178.9 | 153.6 | 119.8 | 87.1 | 72.3 |
| 27.5° | 60.7 | 74.2 | 105.0 | 136.0 | 159.9 | 169.0 | 159.9 | 136.0 | 105.0 | 74.2 | 60.7 |
| 30° | 52.2 | 64.0 | 92.3 | 120.4 | 142.3 | 151.1 | 142.3 | 120.4 | 92.3 | 64.0 | 52.2 |
| 32.5° | 45.9 | 56.1 | 81.3 | 106.3 | 126.1 | 134.1 | 126.1 | 106.3 | 81.3 | 56.1 | 45.9 |
| 35° | 40.7 | 50.0 | 71.4 | 93.1 | 110.5 | 117.9 | 110.5 | 93.1 | 71.4 | 50.0 | 40.7 |
| 37.5° | 36.5 | 44.5 | 62.6 | 81.1 | 95.9 | 102.8 | 95.9 | 81.1 | 62.6 | 44.5 | 36.5 |
| 40° | 33.0 | 39.8 | 55.0 | 69.2 | 82.7 | 88.5 | 82.7 | 69.2 | 55.0 | 39.8 | 33.0 |
| 42.5° | 29.7 | 35.4 | 47.3 | 59.4 | 70.9 | 76.4 | 70.9 | 59.4 | 47.3 | 35.4 | 29.7 |
| 45° | 26.7 | 31.3 | 40.9 | 50.8 | 60.5 | 65.1 | 60.5 | 50.8 | 40.9 | 31.3 | 26.7 |
| 47.5° | 23.4 | 27.2 | 34.9 | 43.4 | 51.4 | 55.2 | 51.4 | 43.4 | 34.9 | 27.2 | 23.4 |
| 50° | 20.6 | 23.4 | 29.7 | 36.8 | 43.7 | 46.7 | 43.7 | 36.8 | 29.7 | 23.4 | 20.6 |
| 52.5° | 17.6 | 20.1 | 25.0 | 31.0 | 36.8 | 39.3 | 36.8 | 31.0 | 25.0 | 20.1 | 17.6 |
| 55° | 15.1 | 16.8 | 20.9 | 25.8 | 30.5 | 32.7 | 30.5 | 25.8 | 20.9 | 16.8 | 15.1 |
| 57.5° | 12.6 | 14.0 | 17.3 | 21.4 | 25.3 | 26.9 | 25.3 | 21.4 | 17.3 | 14.0 | 12.6 |
| 60° | 10.4 | 11.5 | 14.3 | 17.6 | 20.6 | 22.0 | 20.6 | 17.6 | 14.3 | 11.5 | 10.4 |
| 62.5° | 8.5 | 9.6 | 11.5 | 14.3 | 16.8 | 17.6 | 16.8 | 14.3 | 11.5 | 9.6 | 8.5 |
| 65° | 7.1 | 7.7 | 9.3 | 11.5 | 13.2 | 14.0 | 13.2 | 11.5 | 9.3 | 7.7 | 7.1 |
| 67.5° | 5.8 | 6.3 | 7.7 | 9.1 | 10.4 | 11.3 | 10.4 | 9.1 | 7.7 | 6.3 | 5.8 |
| 70° | 4.4 | 4.9 | 6.0 | 7.1 | 8.2 | 8.5 | 8.2 | 7.1 | 6.0 | 4.9 | 4.4 |
| 72.5° | 3.3 | 3.8 | 4.7 | 5.5 | 6.3 | 6.6 | 6.3 | 5.5 | 4.7 | 3.8 | 3.3 |
| 75° | 2.5 | 3.0 | 3.6 | 4.1 | 4.7 | 4.9 | 4.7 | 4.1 | 3.6 | 3.0 | 2.5 |
| 77.5° | 1.9 | 2.2 | 2.5 | 3.0 | 3.3 | 3.6 | 3.3 | 3.0 | 2.5 | 2.2 | 1.9 |
| 80° | 1.4 | 1.4 | 1.9 | 1.9 | 2.2 | 2.2 | 2.2 | 1.9 | 1.9 | 1.4 | 1.4 |
| 82.5° | 0.8 | 1.1 | 1.1 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.1 | 1.1 | 0.8 |
| 85° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 87.5° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |



TEST NUMBER: P273488

CATALOG NUMBER: 0.10-1W-830-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 255° | 260° | 265° | 270° | 275° | 280° | 285° | 290° | 292.5° |
|--------|--------|------|------|------|------|------|------|------|------|------|--------|
| 90° | 0.3 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.3 |
| 92.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 95° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 97.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 102.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 110° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 145° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P273488

CATALOG NUMBER: 0.10-1W-830-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

| | 295° | 300° | 305° | 310° | 315° | 320° | 325° | 330° | 335° | 337.5° | 340° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 0° | 275.6 | 275.6 | 275.6 | 275.6 | 275.6 | 275.6 | 275.6 | 275.6 | 275.6 | 275.6 | 275.6 |
| 1° | 275.9 | 274.2 | 273.4 | 272.8 | 271.5 | 270.7 | 270.1 | 268.7 | 267.4 | 267.1 | 266.8 |
| 2° | 272.8 | 270.1 | 267.6 | 266.0 | 263.2 | 261.0 | 259.7 | 256.9 | 254.2 | 253.9 | 252.8 |
| 3° | 268.2 | 263.2 | 259.1 | 255.5 | 250.9 | 246.7 | 244.0 | 239.6 | 235.2 | 235.2 | 232.7 |
| 4° | 261.3 | 254.2 | 247.6 | 242.1 | 235.2 | 228.6 | 224.5 | 218.4 | 212.7 | 211.0 | 209.1 |
| 5° | 253.1 | 243.4 | 234.4 | 226.4 | 217.6 | 208.8 | 203.1 | 195.4 | 187.9 | 186.3 | 183.8 |
| 6° | 243.7 | 231.4 | 219.8 | 209.4 | 198.7 | 187.7 | 180.5 | 171.5 | 163.5 | 161.3 | 158.5 |
| 7° | 233.3 | 218.2 | 203.9 | 190.4 | 178.9 | 166.5 | 158.0 | 148.4 | 139.9 | 137.4 | 134.4 |
| 8° | 222.3 | 204.4 | 187.9 | 172.6 | 159.6 | 146.2 | 136.8 | 126.7 | 118.2 | 115.4 | 112.4 |
| 9° | 210.5 | 190.4 | 171.7 | 155.0 | 141.0 | 126.9 | 117.1 | 106.9 | 98.6 | 95.9 | 92.9 |
| 10° | 198.4 | 176.1 | 156.9 | 138.2 | 123.4 | 109.4 | 99.2 | 89.3 | 81.6 | 79.1 | 76.4 |
| 11° | 185.2 | 162.1 | 141.5 | 122.3 | 107.2 | 93.7 | 83.5 | 74.5 | 67.0 | 64.3 | 62.1 |
| 12° | 173.1 | 148.4 | 127.2 | 108.0 | 92.6 | 79.7 | 70.1 | 61.5 | 55.5 | 53.9 | 51.4 |
| 13° | 160.5 | 135.2 | 113.8 | 94.8 | 79.7 | 67.6 | 58.8 | 51.7 | 46.4 | 44.8 | 42.9 |
| 14° | 148.9 | 123.1 | 101.4 | 83.3 | 68.4 | 57.7 | 50.0 | 43.7 | 38.7 | 37.6 | 36.3 |
| 15° | 137.9 | 111.6 | 90.1 | 72.3 | 58.8 | 49.5 | 42.6 | 37.1 | 33.2 | 32.1 | 30.8 |
| 17.5° | 112.7 | 86.6 | 66.2 | 51.7 | 41.5 | 34.6 | 30.0 | 26.4 | 24.2 | 23.4 | 22.5 |
| 20° | 91.2 | 66.5 | 49.7 | 38.2 | 30.8 | 25.8 | 22.8 | 20.3 | 19.0 | 18.4 | 17.9 |
| 22.5° | 74.2 | 51.9 | 38.2 | 29.4 | 23.9 | 20.3 | 18.4 | 16.8 | 15.9 | 15.4 | 15.1 |
| 25° | 60.2 | 41.5 | 30.5 | 23.6 | 19.5 | 17.0 | 15.7 | 14.6 | 14.0 | 13.7 | 13.5 |
| 27.5° | 50.0 | 34.1 | 25.0 | 19.8 | 16.8 | 14.8 | 13.7 | 13.2 | 12.9 | 12.6 | 12.6 |
| 30° | 42.6 | 28.9 | 21.2 | 17.0 | 14.6 | 13.5 | 12.6 | 12.4 | 12.4 | 12.4 | 12.4 |
| 32.5° | 37.1 | 25.0 | 18.4 | 15.1 | 13.2 | 12.4 | 12.1 | 12.1 | 12.1 | 12.4 | 12.4 |
| 35° | 33.0 | 22.0 | 16.5 | 13.5 | 12.4 | 11.8 | 11.8 | 12.1 | 12.4 | 12.6 | 12.9 |
| 37.5° | 29.7 | 19.8 | 14.8 | 12.6 | 11.5 | 11.5 | 11.5 | 12.1 | 12.6 | 12.9 | 12.9 |
| 40° | 26.9 | 18.1 | 13.7 | 11.8 | 11.3 | 11.3 | 11.5 | 12.1 | 12.4 | 12.6 | 12.6 |
| 42.5° | 24.5 | 16.5 | 12.6 | 11.0 | 10.7 | 11.0 | 11.3 | 11.5 | 11.5 | 11.8 | 11.8 |
| 45° | 22.0 | 15.4 | 11.8 | 10.7 | 10.4 | 10.4 | 10.4 | 10.7 | 10.7 | 10.4 | 10.4 |
| 47.5° | 19.8 | 14.0 | 11.0 | 9.9 | 9.6 | 9.6 | 9.6 | 9.3 | 9.1 | 9.1 | 9.1 |
| 50° | 17.6 | 12.9 | 10.2 | 9.1 | 8.8 | 8.5 | 8.2 | 8.0 | 7.7 | 7.4 | 7.4 |
| 52.5° | 15.4 | 11.5 | 9.3 | 8.2 | 8.0 | 7.4 | 7.1 | 6.6 | 6.3 | 6.0 | 6.0 |
| 55° | 13.2 | 10.2 | 8.2 | 7.1 | 6.6 | 6.3 | 5.8 | 5.2 | 4.9 | 4.7 | 4.7 |
| 57.5° | 11.3 | 8.8 | 7.1 | 6.3 | 5.5 | 5.2 | 4.4 | 4.1 | 3.6 | 3.6 | 3.3 |
| 60° | 9.3 | 7.4 | 6.0 | 5.2 | 4.4 | 3.8 | 3.3 | 3.0 | 2.7 | 2.5 | 2.5 |
| 62.5° | 7.7 | 6.0 | 4.9 | 4.1 | 3.6 | 3.0 | 2.5 | 2.2 | 1.9 | 1.9 | 1.6 |
| 65° | 6.3 | 4.9 | 3.8 | 3.3 | 2.7 | 2.2 | 1.9 | 1.6 | 1.4 | 1.4 | 1.4 |
| 67.5° | 4.9 | 3.8 | 3.0 | 2.5 | 1.9 | 1.6 | 1.4 | 1.1 | 1.1 | 1.1 | 1.1 |
| 70° | 3.8 | 3.0 | 2.2 | 1.9 | 1.4 | 1.4 | 1.1 | 1.1 | 0.8 | 0.8 | 0.8 |
| 72.5° | 3.0 | 2.2 | 1.6 | 1.4 | 1.1 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| 75° | 2.2 | 1.6 | 1.4 | 1.1 | 0.8 | 0.8 | 0.8 | 0.5 | 0.5 | 0.5 | 0.5 |
| 77.5° | 1.6 | 1.4 | 1.1 | 0.8 | 0.8 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 80° | 1.1 | 0.8 | 0.8 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 82.5° | 0.8 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.3 | 0.3 | 0.3 | 0.3 |
| 85° | 0.5 | 0.5 | 0.5 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 87.5° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |



TEST NUMBER: P273488

CATALOG NUMBER: 0.10-1W-830-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

| | 295° | 300° | 305° | 310° | 315° | 320° | 325° | 330° | 335° | 337.5° | 340° |
|--------|------|------|------|------|------|------|------|------|------|--------|------|
| 90° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 92.5° | 0.0 | 0.0 | 0.0 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 95° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 97.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.3 | 0.3 |
| 100° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 102.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 110° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 145° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P273488

CATALOG NUMBER: 0.10-1W-830-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

| | 345° | 350° | 355° | 360° |
|-------|-------|-------|-------|-------|
| 0° | 275.6 | 275.6 | 275.6 | 275.6 |
| 1° | 266.3 | 266.5 | 267.1 | 266.8 |
| 2° | 251.4 | 250.9 | 251.4 | 251.7 |
| 3° | 230.5 | 229.4 | 229.7 | 228.1 |
| 4° | 205.8 | 203.9 | 203.9 | 202.2 |
| 5° | 179.7 | 177.2 | 176.7 | 175.3 |
| 6° | 153.6 | 150.9 | 150.0 | 148.9 |
| 7° | 129.1 | 126.1 | 125.3 | 124.2 |
| 8° | 107.2 | 104.1 | 103.3 | 101.9 |
| 9° | 87.9 | 84.9 | 84.1 | 83.0 |
| 10° | 72.5 | 68.4 | 67.6 | 66.5 |
| 11° | 58.8 | 55.8 | 55.0 | 53.9 |
| 12° | 48.4 | 46.2 | 45.1 | 44.2 |
| 13° | 40.1 | 38.5 | 37.6 | 37.6 |
| 14° | 34.1 | 32.7 | 31.6 | 31.9 |
| 15° | 29.1 | 28.0 | 27.2 | 27.2 |
| 17.5° | 21.4 | 20.9 | 20.3 | 20.3 |
| 20° | 17.0 | 16.8 | 16.5 | 16.5 |
| 22.5° | 14.6 | 14.6 | 14.3 | 14.3 |
| 25° | 13.2 | 13.2 | 12.9 | 12.9 |
| 27.5° | 12.6 | 12.6 | 12.6 | 12.6 |
| 30° | 12.4 | 12.6 | 12.6 | 12.6 |
| 32.5° | 12.9 | 13.2 | 13.2 | 13.2 |
| 35° | 13.2 | 13.5 | 13.7 | 13.7 |
| 37.5° | 13.5 | 13.5 | 13.7 | 13.7 |
| 40° | 12.9 | 12.9 | 12.9 | 12.9 |
| 42.5° | 11.8 | 11.8 | 11.8 | 11.8 |
| 45° | 10.4 | 10.2 | 10.2 | 10.2 |
| 47.5° | 8.8 | 8.5 | 8.5 | 8.5 |
| 50° | 7.1 | 7.1 | 6.9 | 6.9 |
| 52.5° | 5.8 | 5.5 | 5.5 | 5.5 |
| 55° | 4.4 | 4.1 | 4.1 | 4.1 |
| 57.5° | 3.0 | 3.0 | 3.0 | 2.7 |
| 60° | 2.2 | 2.2 | 1.9 | 1.9 |
| 62.5° | 1.6 | 1.4 | 1.4 | 1.4 |
| 65° | 1.1 | 1.1 | 1.1 | 1.1 |
| 67.5° | 1.1 | 0.8 | 0.8 | 0.8 |
| 70° | 0.8 | 0.8 | 0.8 | 0.8 |
| 72.5° | 0.5 | 0.5 | 0.5 | 0.5 |
| 75° | 0.5 | 0.5 | 0.5 | 0.5 |
| 77.5° | 0.5 | 0.5 | 0.5 | 0.5 |
| 80° | 0.5 | 0.3 | 0.3 | 0.3 |
| 82.5° | 0.3 | 0.3 | 0.3 | 0.3 |
| 85° | 0.3 | 0.3 | 0.3 | 0.3 |
| 87.5° | 0.3 | 0.3 | 0.3 | 0.3 |



TEST NUMBER: P273488

CATALOG NUMBER: 0.10-1W-830-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

| | 345° | 350° | 355° | 360° |
|--------|------|------|------|------|
| 90° | 0.3 | 0.3 | 0.3 | 0.3 |
| 92.5° | 0.3 | 0.3 | 0.3 | 0.3 |
| 95° | 0.3 | 0.3 | 0.0 | 0.0 |
| 97.5° | 0.3 | 0.0 | 0.0 | 0.3 |
| 100° | 0.0 | 0.0 | 0.0 | 0.0 |
| 102.5° | 0.0 | 0.0 | 0.0 | 0.0 |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 |
| 110° | 0.0 | 0.0 | 0.0 | 0.0 |
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 |
| 115° | 0.0 | 0.0 | 0.0 | 0.0 |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 |
| 120° | 0.0 | 0.0 | 0.0 | 0.0 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 |
| 125° | 0.0 | 0.0 | 0.0 | 0.0 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 |
| 130° | 0.0 | 0.0 | 0.0 | 0.0 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 |
| 135° | 0.0 | 0.0 | 0.0 | 0.0 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 |
| 140° | 0.0 | 0.0 | 0.0 | 0.0 |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 |
| 145° | 0.0 | 0.0 | 0.0 | 0.0 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 |
| 150° | 0.0 | 0.0 | 0.0 | 0.0 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 |
| 155° | 0.0 | 0.0 | 0.0 | 0.0 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 |
| 180° | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)