

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: P286857

Luminaire Tested: **DWI-WA-25L830-1D-UNV-STD-W-WM-4**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P286857
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (ITL87014-GONIOPHOTOMETRY)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: DWI-WA-25L830-1D-UNV-STD-W-WM-4
Description: DIVIDE 4' WALL MOUNTED DIRECT/INDIRECT LED LUMINAIRE
WAVESTREAM SPECULAR OPTIC, ASYMMETRIC
Light Source: (154) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2358.1 lumens
Efficiency: N/A
Efficacy: 124.1 lumens/watt
Spacing Criteria (0/90/45): 1.55 / 1.46 / 1.61
Luminous Opening: Rectangular (W 3.86' x L: 0.36' x H: 0')
CIE Type: General Diffuse

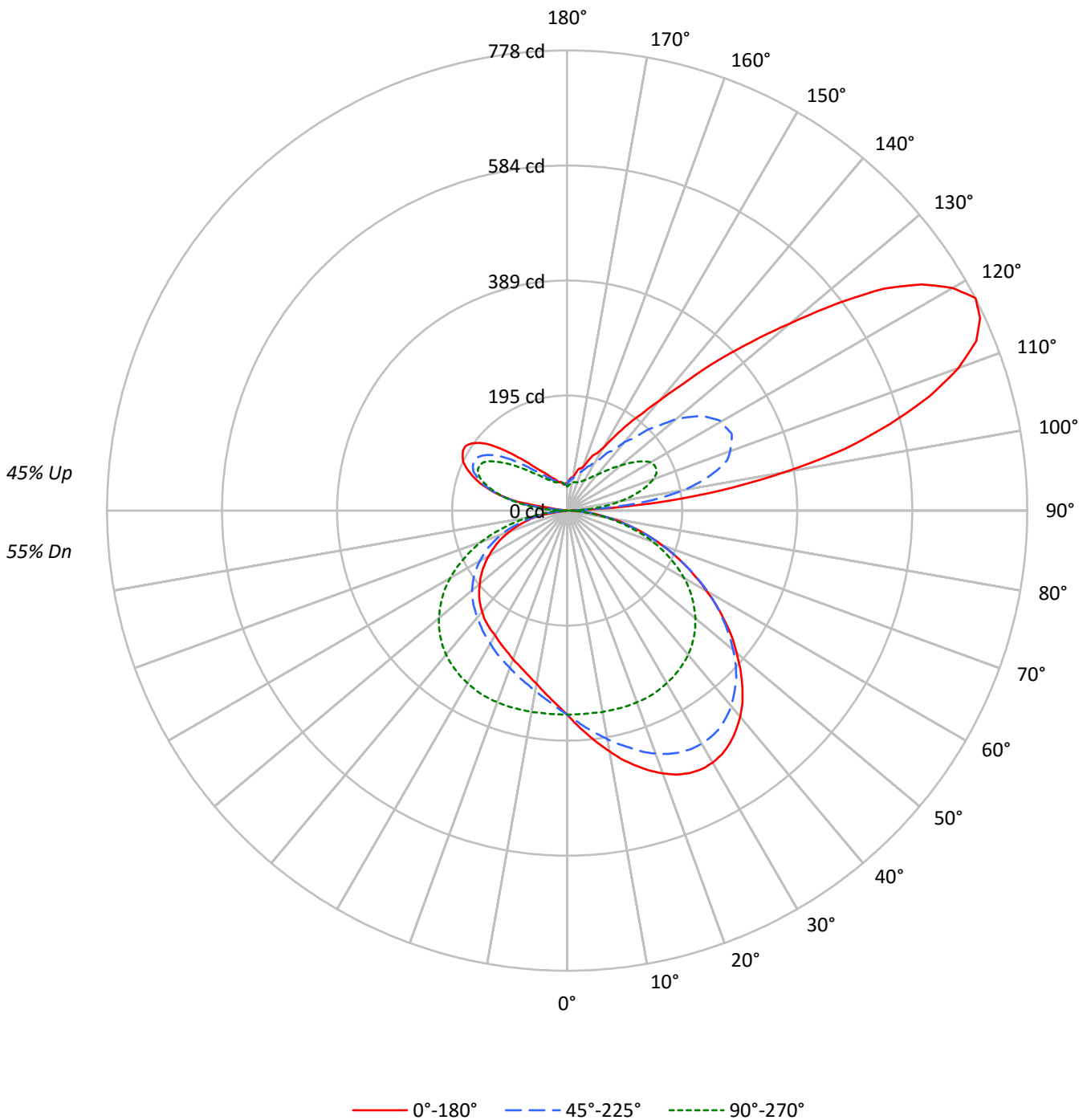
Input Watts (W): 19
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P286857

CATALOG NUMBER: DWI-WA-25L830-1D-UNV-STD-W-WM-4

Luminous Intensity Polar Plot





TEST NUMBER: P286857

CATALOG NUMBER: DWI-WA-25L830-1D-UNV-STD-W-WM-4

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 | 108 | 108 | 108 | 108 | 101 | 101 | 101 | 101 | 86 | 86 | 86 | 73 | 73 | 73 | 61 | 61 | 61 | 55 |
| 1 | 98 | 94 | 90 | 86 | 91 | 87 | 84 | 80 | 75 | 72 | 70 | 64 | 62 | 60 | 53 | 52 | 51 | 46 |
| 2 | 89 | 81 | 75 | 69 | 82 | 76 | 70 | 65 | 65 | 61 | 57 | 55 | 52 | 49 | 46 | 44 | 42 | 37 |
| 3 | 81 | 71 | 63 | 57 | 75 | 66 | 59 | 54 | 57 | 52 | 47 | 48 | 44 | 41 | 40 | 37 | 35 | 31 |
| 4 | 74 | 62 | 54 | 48 | 68 | 58 | 51 | 45 | 50 | 44 | 40 | 43 | 38 | 34 | 36 | 32 | 29 | 26 |
| 5 | 68 | 55 | 47 | 41 | 62 | 52 | 44 | 38 | 45 | 38 | 34 | 38 | 33 | 29 | 32 | 28 | 25 | 22 |
| 6 | 62 | 49 | 41 | 35 | 57 | 46 | 38 | 33 | 40 | 34 | 29 | 34 | 29 | 26 | 29 | 25 | 22 | 19 |
| 7 | 57 | 44 | 36 | 30 | 53 | 42 | 34 | 29 | 36 | 30 | 26 | 31 | 26 | 22 | 26 | 22 | 19 | 17 |
| 8 | 53 | 40 | 32 | 27 | 49 | 38 | 30 | 25 | 33 | 27 | 22 | 28 | 23 | 20 | 24 | 20 | 17 | 15 |
| 9 | 49 | 37 | 29 | 24 | 46 | 34 | 27 | 22 | 30 | 24 | 20 | 26 | 21 | 18 | 22 | 18 | 15 | 13 |
| 10 | 46 | 33 | 26 | 21 | 43 | 31 | 25 | 20 | 27 | 22 | 18 | 24 | 19 | 16 | 20 | 16 | 14 | 12 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° |
|-----|------|------|------|
| 0° | 2635 | 2635 | 2635 |
| 5° | 2904 | 2645 | 2448 |
| 10° | 3206 | 2682 | 2308 |
| 15° | 3530 | 2734 | 2219 |
| 20° | 3844 | 2804 | 2177 |
| 25° | 4128 | 2887 | 2149 |
| 30° | 4341 | 2972 | 2149 |
| 35° | 4477 | 3067 | 2190 |
| 40° | 4539 | 3175 | 2229 |
| 45° | 4526 | 3275 | 2268 |
| 50° | 4444 | 3363 | 2294 |
| 55° | 4337 | 3438 | 2324 |
| 60° | 4165 | 3490 | 2335 |
| 65° | 3997 | 3489 | 2355 |
| 70° | 3808 | 3449 | 2298 |
| 75° | 3583 | 3253 | 2208 |
| 80° | 3291 | 2899 | 2015 |
| 85° | 2893 | 2393 | 0 |



TEST NUMBER: P286857

CATALOG NUMBER: DWI-WA-25L830-1D-UNV-STD-W-WM-4

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 33.3 | 1.4 |
| 10°-20° | 100.9 | 4.3 |
| 20°-30° | 165.9 | 7.0 |
| 30°-40° | 216.7 | 9.2 |
| 40°-50° | 240.1 | 10.2 |
| 50°-60° | 228.3 | 9.7 |
| 60°-70° | 182.6 | 7.7 |
| 70°-80° | 109.9 | 4.7 |
| 80°-90° | 27.3 | 1.2 |
| 90°-100° | 69.6 | 2.9 |
| 100°-110° | 232.1 | 9.8 |
| 110°-120° | 282.2 | 12.0 |
| 120°-130° | 225.9 | 9.6 |
| 130°-140° | 127.9 | 5.4 |
| 140°-150° | 62.6 | 2.7 |
| 150°-160° | 32.3 | 1.4 |
| 160°-170° | 15.8 | 0.7 |
| 170°-180° | 4.6 | 0.2 |
| 0°-30° | 300.1 | 12.7 |
| 0°-40° | 516.8 | 21.9 |
| 0°-60° | 985.2 | 41.8 |
| 0°-90° | 1305.0 | 55.3 |
| 90°-120° | 583.9 | 24.8 |
| 90°-150° | 1000.4 | 42.4 |
| 90°-180° | 1053.0 | 44.7 |
| 0°-180° | 2358.1 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|------|-----|-----|-----|------|------|------|
| 0° | 345 | 345 | 345 | 345 | 345 | |
| 5° | 379 | 368 | 345 | 326 | 319 | 37 |
| 15° | 446 | 416 | 346 | 296 | 281 | 127 |
| 25° | 490 | 451 | 342 | 272 | 255 | 226 |
| 35° | 480 | 450 | 329 | 248 | 235 | 300 |
| 45° | 419 | 404 | 303 | 224 | 210 | 322 |
| 55° | 326 | 322 | 258 | 192 | 174 | 291 |
| 65° | 221 | 223 | 193 | 146 | 130 | 219 |
| 75° | 121 | 120 | 110 | 85 | 75 | 129 |
| 85° | 33 | 31 | 27 | 2 | 0 | 35 |
| 90° | 8 | 6 | 0 | 0 | 0 | 8 |
| 95° | 150 | 97 | 48 | 5 | 0 | 166 |
| 105° | 564 | 262 | 129 | 133 | 135 | 587 |
| 115° | 770 | 307 | 166 | 176 | 194 | 750 |
| 125° | 654 | 279 | 144 | 164 | 198 | 577 |
| 135° | 356 | 194 | 97 | 113 | 139 | 281 |
| 145° | 176 | 121 | 68 | 74 | 85 | 113 |
| 155° | 103 | 82 | 54 | 56 | 61 | 47 |
| 165° | 72 | 61 | 50 | 48 | 49 | 20 |
| 175° | 54 | 50 | 44 | 45 | 46 | 5 |
| 180° | 41 | 41 | 41 | 41 | 41 | |



TEST NUMBER: P286857

CATALOG NUMBER: DWI-WA-25L830-1D-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 344.9 | 344.9 | 344.9 | 344.9 | 344.9 | 344.9 | 344.9 | 344.9 | 344.9 | 344.9 | 344.9 |
| 2.5° | 361.8 | 361.8 | 361.0 | 360.2 | 358.6 | 356.2 | 353.8 | 351.4 | 349.0 | 346.6 | 344.9 |
| 5° | 378.7 | 378.7 | 377.1 | 375.5 | 372.3 | 368.3 | 363.4 | 359.4 | 353.0 | 348.2 | 344.9 |
| 7.5° | 396.4 | 396.4 | 394.0 | 390.8 | 386.8 | 380.3 | 373.9 | 366.7 | 357.0 | 349.8 | 344.9 |
| 10° | 413.3 | 413.3 | 410.9 | 407.7 | 401.2 | 392.4 | 383.5 | 373.1 | 361.8 | 351.4 | 345.7 |
| 12.5° | 431.0 | 431.0 | 427.0 | 422.9 | 414.9 | 404.4 | 393.2 | 379.5 | 366.7 | 352.2 | 345.7 |
| 15° | 446.3 | 446.3 | 443.0 | 438.2 | 428.6 | 415.7 | 402.0 | 385.1 | 369.9 | 353.8 | 345.7 |
| 17.5° | 460.7 | 460.7 | 457.5 | 451.1 | 441.4 | 427.8 | 410.9 | 390.8 | 373.1 | 354.6 | 345.7 |
| 20° | 472.8 | 472.8 | 469.6 | 463.1 | 452.7 | 437.4 | 418.1 | 397.2 | 375.5 | 355.4 | 344.9 |
| 22.5° | 483.2 | 482.4 | 479.2 | 472.0 | 461.5 | 445.5 | 425.4 | 400.4 | 377.9 | 355.4 | 344.1 |
| 25° | 489.7 | 488.9 | 485.7 | 479.2 | 467.2 | 451.1 | 429.4 | 402.8 | 378.7 | 355.4 | 342.5 |
| 27.5° | 492.9 | 492.1 | 489.7 | 482.4 | 471.2 | 454.3 | 432.6 | 405.2 | 378.7 | 354.6 | 340.1 |
| 30° | 492.1 | 492.1 | 488.9 | 483.2 | 472.0 | 455.1 | 433.4 | 405.2 | 377.9 | 352.2 | 336.9 |
| 32.5° | 488.1 | 487.3 | 484.9 | 480.0 | 469.6 | 453.5 | 432.6 | 403.6 | 376.3 | 349.0 | 333.7 |
| 35° | 480.0 | 480.0 | 478.4 | 473.6 | 464.8 | 449.5 | 427.8 | 399.6 | 372.3 | 344.1 | 328.9 |
| 37.5° | 468.8 | 468.8 | 468.0 | 463.9 | 455.9 | 441.4 | 421.3 | 394.8 | 366.7 | 339.3 | 324.0 |
| 40° | 455.1 | 455.9 | 454.3 | 451.1 | 444.6 | 431.8 | 413.3 | 387.6 | 360.2 | 332.9 | 318.4 |
| 42.5° | 439.0 | 439.0 | 437.4 | 435.8 | 430.2 | 418.1 | 402.0 | 377.9 | 352.2 | 324.8 | 311.2 |
| 45° | 418.9 | 418.9 | 418.1 | 417.3 | 412.5 | 404.4 | 389.2 | 366.7 | 342.5 | 316.0 | 303.1 |
| 47.5° | 397.2 | 398.0 | 397.2 | 397.2 | 394.0 | 386.8 | 373.1 | 352.2 | 331.3 | 306.3 | 293.5 |
| 50° | 373.9 | 375.5 | 374.7 | 375.5 | 372.3 | 366.7 | 355.4 | 337.7 | 318.4 | 295.1 | 283.0 |
| 52.5° | 351.4 | 350.6 | 349.8 | 351.4 | 349.8 | 344.9 | 335.3 | 321.6 | 303.1 | 282.2 | 271.0 |
| 55° | 325.6 | 324.8 | 325.6 | 327.3 | 325.6 | 322.4 | 315.2 | 302.3 | 287.1 | 268.6 | 258.1 |
| 57.5° | 299.9 | 299.1 | 299.9 | 301.5 | 300.7 | 299.1 | 292.7 | 282.2 | 270.2 | 253.3 | 244.4 |
| 60° | 272.6 | 273.4 | 274.2 | 275.0 | 276.6 | 275.0 | 268.6 | 261.3 | 251.7 | 237.2 | 228.4 |
| 62.5° | 246.8 | 246.8 | 248.5 | 249.3 | 250.1 | 248.5 | 245.2 | 238.8 | 232.4 | 219.5 | 211.5 |
| 65° | 221.1 | 221.1 | 221.9 | 222.7 | 224.3 | 222.7 | 220.3 | 216.3 | 210.7 | 200.2 | 193.0 |
| 67.5° | 196.2 | 195.4 | 196.2 | 197.8 | 197.0 | 197.0 | 193.8 | 193.0 | 188.2 | 180.1 | 174.5 |
| 70° | 170.5 | 169.7 | 170.5 | 170.5 | 171.3 | 170.5 | 169.7 | 168.9 | 164.8 | 160.8 | 154.4 |
| 72.5° | 146.3 | 144.7 | 145.5 | 146.3 | 145.5 | 145.5 | 143.9 | 143.9 | 141.5 | 138.3 | 132.7 |
| 75° | 121.4 | 120.6 | 120.6 | 120.6 | 120.6 | 119.8 | 117.4 | 119.0 | 118.2 | 115.8 | 110.2 |
| 77.5° | 97.3 | 97.3 | 98.1 | 96.5 | 97.3 | 94.9 | 95.7 | 94.1 | 94.9 | 92.5 | 88.4 |
| 80° | 74.8 | 74.0 | 74.0 | 74.0 | 74.0 | 72.4 | 71.6 | 70.8 | 72.4 | 70.0 | 65.9 |
| 82.5° | 51.5 | 52.3 | 51.5 | 50.7 | 51.5 | 51.5 | 50.7 | 49.0 | 49.9 | 47.4 | 45.0 |
| 85° | 33.0 | 33.0 | 33.0 | 31.4 | 31.4 | 31.4 | 32.2 | 31.4 | 30.6 | 28.9 | 27.3 |
| 87.5° | 15.3 | 16.1 | 16.1 | 16.1 | 16.1 | 15.3 | 15.3 | 14.5 | 13.7 | 12.9 | 12.1 |
| 90° | 8.0 | 8.0 | 7.2 | 7.2 | 6.4 | 5.6 | 4.8 | 3.2 | 2.4 | 0.8 | 0.0 |
| 92.5° | 24.1 | 19.3 | 24.9 | 26.5 | 26.5 | 26.5 | 23.3 | 21.7 | 22.5 | 22.5 | 23.3 |
| 95° | 149.6 | 143.1 | 147.9 | 141.5 | 124.6 | 97.3 | 65.1 | 52.3 | 49.9 | 47.4 | 48.2 |
| 97.5° | 262.9 | 256.5 | 258.9 | 244.4 | 210.7 | 155.2 | 102.1 | 79.6 | 75.6 | 70.8 | 70.8 |
| 100° | 373.9 | 369.1 | 363.4 | 342.5 | 287.1 | 201.0 | 132.7 | 104.5 | 99.7 | 93.3 | 91.7 |
| 102.5° | 480.0 | 472.0 | 459.9 | 422.9 | 349.8 | 234.8 | 157.6 | 126.2 | 122.2 | 113.4 | 111.0 |
| 105° | 564.5 | 557.2 | 544.4 | 487.3 | 393.2 | 262.1 | 176.9 | 146.3 | 142.3 | 131.1 | 128.7 |
| 107.5° | 642.4 | 638.4 | 606.3 | 543.5 | 422.9 | 283.8 | 196.2 | 165.6 | 158.4 | 147.1 | 143.1 |
| 110° | 703.6 | 697.1 | 665.0 | 581.3 | 443.8 | 293.5 | 214.7 | 183.3 | 169.7 | 160.0 | 155.2 |



TEST NUMBER: P286857

CATALOG NUMBER: DWI-WA-25L830-1D-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 748.6 | 743.8 | 695.5 | 599.0 | 444.6 | 300.7 | 225.1 | 194.6 | 176.9 | 168.9 | 163.2 |
| 115° | 770.3 | 763.1 | 714.8 | 601.4 | 441.4 | 307.2 | 232.4 | 199.4 | 182.5 | 174.5 | 166.4 |
| 117.5° | 778.3 | 770.3 | 704.4 | 584.6 | 425.4 | 303.1 | 240.4 | 203.4 | 184.9 | 175.3 | 166.4 |
| 120° | 752.6 | 745.4 | 680.2 | 555.6 | 410.9 | 302.3 | 238.8 | 207.4 | 185.7 | 172.9 | 163.2 |
| 122.5° | 711.6 | 702.8 | 639.2 | 520.2 | 383.5 | 290.3 | 232.4 | 201.0 | 181.7 | 165.6 | 155.2 |
| 125° | 654.5 | 646.5 | 574.9 | 468.8 | 361.8 | 279.0 | 227.6 | 189.8 | 170.5 | 154.4 | 143.9 |
| 127.5° | 574.1 | 569.3 | 511.4 | 423.7 | 326.5 | 259.7 | 209.9 | 180.1 | 155.2 | 142.3 | 131.9 |
| 130° | 492.1 | 488.9 | 449.5 | 375.5 | 298.3 | 240.4 | 197.0 | 168.1 | 139.9 | 128.7 | 119.0 |
| 132.5° | 421.3 | 418.9 | 380.3 | 321.6 | 263.7 | 213.9 | 176.9 | 147.9 | 128.7 | 115.0 | 107.7 |
| 135° | 356.2 | 355.4 | 320.0 | 279.0 | 230.0 | 193.8 | 156.8 | 133.5 | 118.2 | 102.9 | 97.3 |
| 137.5° | 291.1 | 291.1 | 272.6 | 239.6 | 204.2 | 165.6 | 143.1 | 123.8 | 106.9 | 92.5 | 86.8 |
| 140° | 242.0 | 238.8 | 229.2 | 197.8 | 171.3 | 151.2 | 123.0 | 107.7 | 94.1 | 83.6 | 79.6 |
| 142.5° | 205.0 | 201.8 | 185.7 | 170.5 | 150.4 | 127.8 | 116.6 | 96.5 | 83.6 | 75.6 | 73.2 |
| 145° | 176.1 | 175.3 | 158.4 | 152.8 | 135.1 | 120.6 | 99.7 | 92.5 | 78.0 | 69.1 | 67.5 |
| 147.5° | 146.3 | 146.3 | 142.3 | 127.8 | 114.2 | 102.9 | 95.7 | 81.2 | 74.8 | 64.3 | 62.7 |
| 150° | 123.0 | 123.0 | 123.8 | 113.4 | 107.7 | 98.9 | 85.2 | 74.8 | 70.8 | 61.1 | 59.5 |
| 152.5° | 109.4 | 110.2 | 104.5 | 106.9 | 94.9 | 86.0 | 78.8 | 74.0 | 64.3 | 57.9 | 56.3 |
| 155° | 102.9 | 103.7 | 95.7 | 91.7 | 85.2 | 82.0 | 76.4 | 66.7 | 59.5 | 56.3 | 53.9 |
| 157.5° | 89.3 | 90.9 | 91.7 | 82.0 | 83.6 | 74.8 | 66.7 | 61.1 | 57.1 | 55.5 | 51.5 |
| 160° | 78.0 | 78.8 | 79.6 | 81.2 | 71.6 | 70.0 | 68.3 | 62.7 | 57.9 | 54.7 | 50.7 |
| 162.5° | 74.8 | 74.0 | 71.6 | 71.6 | 70.0 | 66.7 | 59.5 | 58.7 | 57.1 | 53.9 | 49.9 |
| 165° | 72.4 | 73.2 | 70.8 | 63.5 | 65.1 | 61.1 | 60.3 | 53.1 | 53.1 | 52.3 | 49.9 |
| 167.5° | 63.5 | 64.3 | 65.1 | 64.3 | 57.9 | 59.5 | 55.5 | 54.7 | 49.9 | 51.5 | 49.0 |
| 170° | 56.3 | 57.1 | 56.3 | 57.9 | 59.5 | 54.7 | 53.1 | 53.9 | 49.0 | 50.7 | 48.2 |
| 172.5° | 56.3 | 55.5 | 54.7 | 52.3 | 51.5 | 54.7 | 53.1 | 49.0 | 49.9 | 49.0 | 46.6 |
| 175° | 53.9 | 54.7 | 54.7 | 53.9 | 52.3 | 49.9 | 48.2 | 49.0 | 49.9 | 46.6 | 44.2 |
| 177.5° | 49.0 | 49.9 | 49.0 | 49.9 | 49.9 | 50.7 | 50.7 | 49.9 | 46.6 | 43.4 | 41.8 |
| 180° | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 |



TEST NUMBER: P286857

CATALOG NUMBER: DWI-WA-25L830-1D-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 112.5° | 135° | 157.5° | 180° |
|--------|--------|-------|--------|-------|
| 0° | 344.9 | 344.9 | 344.9 | 344.9 |
| 2.5° | 340.1 | 335.3 | 332.1 | 331.3 |
| 5° | 334.5 | 325.6 | 320.8 | 319.2 |
| 7.5° | 329.7 | 317.6 | 310.4 | 308.0 |
| 10° | 324.8 | 309.6 | 300.7 | 297.5 |
| 12.5° | 319.2 | 302.3 | 291.9 | 288.7 |
| 15° | 315.2 | 295.9 | 284.6 | 280.6 |
| 17.5° | 310.4 | 289.5 | 277.4 | 273.4 |
| 20° | 305.5 | 283.0 | 271.0 | 267.8 |
| 22.5° | 301.5 | 277.4 | 265.3 | 260.5 |
| 25° | 296.7 | 271.8 | 258.9 | 254.9 |
| 27.5° | 291.9 | 266.1 | 253.3 | 249.3 |
| 30° | 287.1 | 259.7 | 247.7 | 243.6 |
| 32.5° | 281.4 | 254.1 | 242.8 | 239.6 |
| 35° | 276.6 | 248.5 | 238.0 | 234.8 |
| 37.5° | 271.0 | 242.0 | 232.4 | 230.0 |
| 40° | 264.5 | 236.4 | 226.7 | 223.5 |
| 42.5° | 258.1 | 230.0 | 221.1 | 217.1 |
| 45° | 250.9 | 224.3 | 214.7 | 209.9 |
| 47.5° | 243.6 | 217.1 | 206.6 | 201.8 |
| 50° | 234.8 | 209.9 | 197.8 | 193.0 |
| 52.5° | 225.1 | 201.0 | 189.0 | 184.1 |
| 55° | 215.5 | 192.2 | 179.3 | 174.5 |
| 57.5° | 205.0 | 181.7 | 168.9 | 164.0 |
| 60° | 193.0 | 170.5 | 158.4 | 152.8 |
| 62.5° | 180.1 | 158.4 | 146.3 | 141.5 |
| 65° | 167.2 | 146.3 | 134.3 | 130.3 |
| 67.5° | 153.6 | 131.9 | 120.6 | 117.4 |
| 70° | 136.7 | 117.4 | 106.1 | 102.9 |
| 72.5° | 119.0 | 102.9 | 90.9 | 89.3 |
| 75° | 101.3 | 85.2 | 76.4 | 74.8 |
| 77.5° | 82.8 | 67.5 | 61.9 | 61.1 |
| 80° | 63.5 | 50.7 | 46.6 | 45.8 |
| 82.5° | 43.4 | 33.8 | 4.0 | 0.0 |
| 85° | 24.1 | 2.4 | 0.8 | 0.0 |
| 87.5° | 2.4 | 0.0 | 0.0 | 0.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 |
| 92.5° | 5.6 | 0.8 | 0.0 | 0.0 |
| 95° | 42.6 | 4.8 | 0.8 | 0.0 |
| 97.5° | 71.6 | 62.7 | 23.3 | 0.0 |
| 100° | 94.9 | 90.1 | 87.6 | 84.4 |
| 102.5° | 112.6 | 112.6 | 114.2 | 113.4 |
| 105° | 127.0 | 132.7 | 134.3 | 135.1 |
| 107.5° | 140.7 | 149.6 | 152.8 | 154.4 |
| 110° | 152.0 | 160.8 | 168.9 | 169.7 |



TEST NUMBER: P286857

CATALOG NUMBER: DWI-WA-25L830-1D-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 112.5° | 135° | 157.5° | 180° |
|--------|--------|-------|--------|-------|
| 112.5° | 157.6 | 171.3 | 180.1 | 183.3 |
| 115° | 160.0 | 176.1 | 189.8 | 193.8 |
| 117.5° | 160.0 | 178.5 | 195.4 | 199.4 |
| 120° | 158.4 | 177.7 | 197.0 | 203.4 |
| 122.5° | 152.0 | 172.1 | 196.2 | 203.4 |
| 125° | 141.5 | 164.0 | 189.0 | 197.8 |
| 127.5° | 131.1 | 153.6 | 177.7 | 188.2 |
| 130° | 120.6 | 140.7 | 165.6 | 174.5 |
| 132.5° | 107.7 | 127.0 | 148.8 | 156.8 |
| 135° | 96.5 | 112.6 | 131.9 | 139.1 |
| 137.5° | 88.4 | 101.3 | 116.6 | 122.2 |
| 140° | 80.4 | 90.1 | 103.7 | 107.7 |
| 142.5° | 71.6 | 82.8 | 90.9 | 94.9 |
| 145° | 66.7 | 74.0 | 82.8 | 85.2 |
| 147.5° | 63.5 | 70.0 | 76.4 | 78.0 |
| 150° | 58.7 | 63.5 | 69.1 | 72.4 |
| 152.5° | 55.5 | 61.9 | 65.1 | 65.9 |
| 155° | 54.7 | 56.3 | 61.9 | 61.1 |
| 157.5° | 53.1 | 55.5 | 56.3 | 58.7 |
| 160° | 49.0 | 51.5 | 53.9 | 55.5 |
| 162.5° | 48.2 | 51.5 | 53.1 | 51.5 |
| 165° | 49.0 | 48.2 | 49.0 | 49.0 |
| 167.5° | 46.6 | 48.2 | 46.6 | 49.9 |
| 170° | 45.0 | 45.0 | 47.4 | 46.6 |
| 172.5° | 46.6 | 46.6 | 44.2 | 44.2 |
| 175° | 46.6 | 45.0 | 44.2 | 45.8 |
| 177.5° | 40.2 | 44.2 | 45.8 | 46.6 |
| 180° | 41.0 | 41.0 | 41.0 | 41.0 |

(END OF REPORT)