

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: CORELITE

Report Number: P1439465

Luminaire Tested: CB3-B-125U-030D-927-1D-UNV-STD-W-4

Issue Date: 3/31/2026

Test Information

Test Method: LM-79-2024
Report Number: P1439465
REPORT IS SCALED FROM IESNA LM-79-24 TEST DATA (G2-2405-119-2, G2-2312-242-8)
Test Lab: INNOVATION CENTER
Issue Date: 3/31/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: CB3-B-125U-030D-927-1D-UNV-STD-W-4
Description: CORELITE BASIC SLOT LED LUMINAIRE, BATWING UPLIGHT
3-INCH APERTURE
DOWNLIGHT 300 LUMENS PER FOOT
UPLIGHT 1250 LUMENS PER FOOT
Light Source: 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

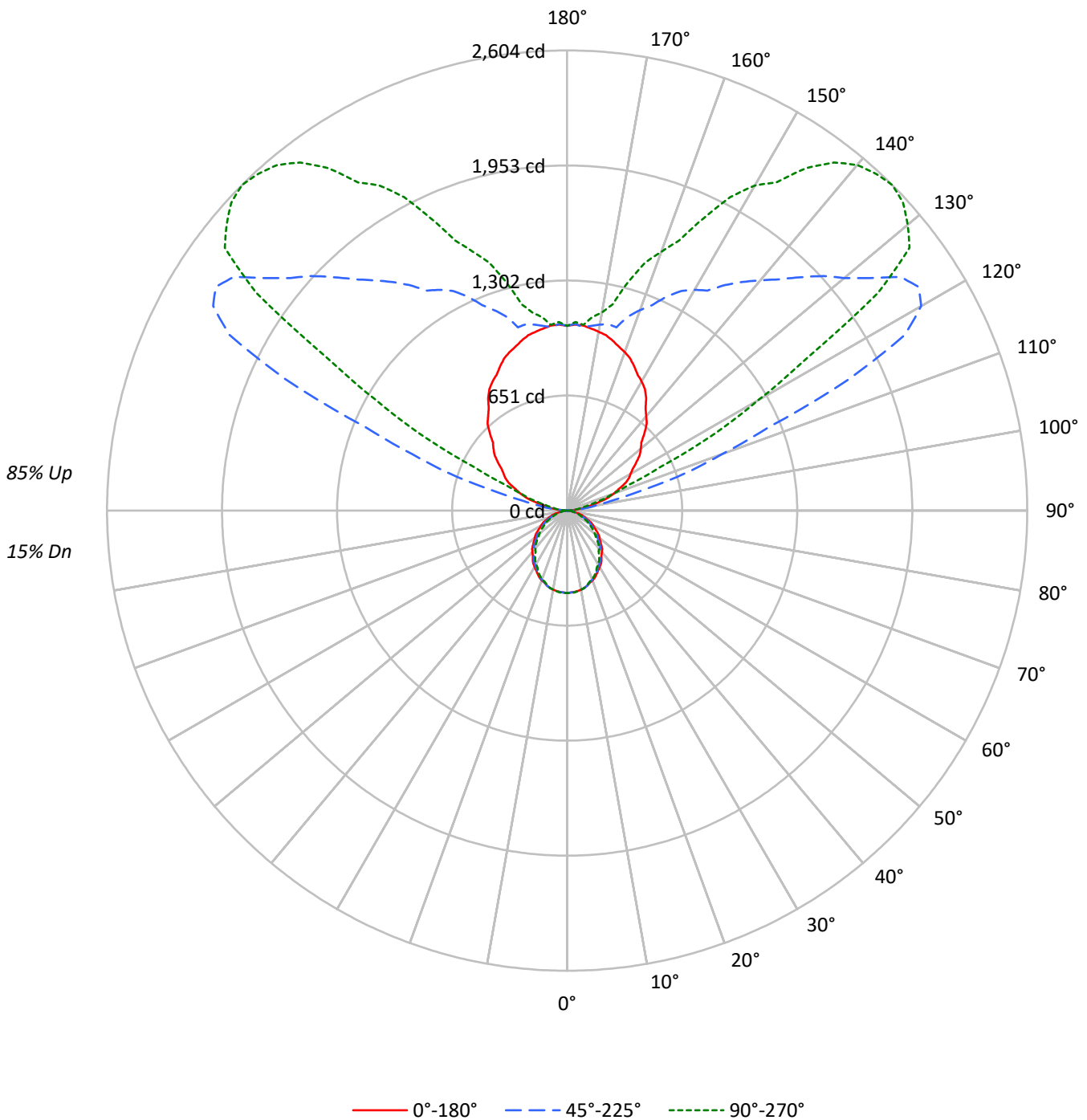
Lumens per Lamp: N/A
Luminaire Lumens: 7268.6 lumens
Efficiency: N/A
Efficacy: 158.7 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.13 / 1.26
Luminous Opening: Rectangular (W 0.24' x L: 4' x H: 0')
CIE Type: Semi-Indirect

Input Watts (W): 45.8
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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Luminous Intensity Polar Plot





TEST NUMBER: P1439465

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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|--|--|--|----|--|--|--|--|--|--|--|--|----|---|
| RF | 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 | 99 | 99 | 99 | 99 | 87 | 87 | 87 | 87 | 64 | 64 | 64 | 43 | 43 | 43 | 24 | 24 | 24 | 15 | | | | | | | | | | | | | | | | | | | | |
| 1 | 90 | 86 | 82 | 79 | 79 | 76 | 73 | 70 | 56 | 54 | 52 | 38 | 37 | 36 | 21 | 21 | 21 | 13 | | | | | | | | | | | | | | | | | | | | |
| 2 | 82 | 75 | 69 | 65 | 72 | 66 | 61 | 57 | 49 | 46 | 43 | 33 | 32 | 30 | 19 | 18 | 17 | 11 | | | | | | | | | | | | | | | | | | | | |
| 3 | 75 | 66 | 59 | 54 | 65 | 58 | 52 | 48 | 43 | 40 | 36 | 30 | 27 | 25 | 17 | 16 | 15 | 9 | | | | | | | | | | | | | | | | | | | | |
| 4 | 68 | 58 | 51 | 45 | 60 | 51 | 45 | 40 | 38 | 34 | 31 | 26 | 24 | 22 | 15 | 14 | 13 | 8 | | | | | | | | | | | | | | | | | | | | |
| 5 | 63 | 52 | 44 | 38 | 55 | 46 | 39 | 34 | 34 | 30 | 26 | 23 | 21 | 19 | 14 | 12 | 11 | 7 | | | | | | | | | | | | | | | | | | | | |
| 6 | 57 | 46 | 39 | 33 | 50 | 41 | 34 | 30 | 31 | 26 | 23 | 21 | 18 | 16 | 12 | 11 | 10 | 6 | | | | | | | | | | | | | | | | | | | | |
| 7 | 53 | 41 | 34 | 29 | 46 | 37 | 30 | 26 | 28 | 23 | 20 | 19 | 16 | 14 | 11 | 10 | 9 | 6 | | | | | | | | | | | | | | | | | | | | |
| 8 | 49 | 37 | 30 | 25 | 43 | 33 | 27 | 23 | 25 | 21 | 18 | 17 | 15 | 13 | 10 | 9 | 8 | 5 | | | | | | | | | | | | | | | | | | | | |
| 9 | 45 | 34 | 27 | 22 | 40 | 30 | 24 | 20 | 23 | 19 | 16 | 16 | 13 | 11 | 9 | 8 | 7 | 5 | | | | | | | | | | | | | | | | | | | | |
| 10 | 42 | 31 | 24 | 20 | 37 | 27 | 22 | 18 | 21 | 17 | 14 | 15 | 12 | 10 | 9 | 7 | 6 | 4 | | | | | | | | | | | | | | | | | | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° |
|-----|------|------|------|
| 0° | 5276 | 5276 | 5276 |
| 5° | 5251 | 5254 | 5285 |
| 10° | 5228 | 5221 | 5221 |
| 15° | 5147 | 5147 | 5117 |
| 20° | 5064 | 5013 | 4968 |
| 25° | 4936 | 4874 | 4788 |
| 30° | 4816 | 4690 | 4578 |
| 35° | 4688 | 4515 | 4355 |
| 40° | 4520 | 4304 | 4118 |
| 45° | 4367 | 4117 | 3863 |
| 50° | 4209 | 3894 | 3614 |
| 55° | 4038 | 3677 | 3377 |
| 60° | 3851 | 3455 | 3109 |
| 65° | 3636 | 3199 | 2827 |
| 70° | 3384 | 2905 | 2521 |
| 75° | 3069 | 2549 | 2243 |
| 80° | 2678 | 2137 | 1987 |
| 85° | 2064 | 1805 | 1805 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 4367 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 44.0 | 0.6 |
| 10°-20° | 123.6 | 1.7 |
| 20°-30° | 179.6 | 2.5 |
| 30°-40° | 204.2 | 2.8 |
| 40°-50° | 198.2 | 2.7 |
| 50°-60° | 167.3 | 2.3 |
| 60°-70° | 119.1 | 1.6 |
| 70°-80° | 63.6 | 0.9 |
| 80°-90° | 16.8 | 0.2 |
| 90°-100° | 70.7 | 1.0 |
| 100°-110° | 370.7 | 5.1 |
| 110°-120° | 933.1 | 12.8 |
| 120°-130° | 1439.5 | 19.8 |
| 130°-140° | 1317.8 | 18.1 |
| 140°-150° | 972.6 | 13.4 |
| 150°-160° | 620.0 | 8.5 |
| 160°-170° | 326.4 | 4.5 |
| 170°-180° | 101.6 | 1.4 |
| 0°-30° | 347.2 | 4.8 |
| 0°-40° | 551.3 | 7.6 |
| 0°-60° | 916.8 | 12.6 |
| 0°-90° | 1116.3 | 15.4 |
| 90°-120° | 1374.5 | 18.9 |
| 90°-150° | 5104.4 | 70.2 |
| 90°-180° | 6152.0 | 84.6 |
| 0°-180° | 7268.6 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|------|------|-------|------|-------|------|------|
| 0° | 466 | 466 | 466 | 466 | 466 | |
| 5° | 462 | 468 | 463 | 462 | 465 | 44 |
| 15° | 439 | 443 | 439 | 437 | 437 | 124 |
| 25° | 395 | 397 | 390 | 385 | 384 | 182 |
| 35° | 339 | 336 | 327 | 317 | 315 | 212 |
| 45° | 273 | 269 | 257 | 245 | 241 | 210 |
| 55° | 205 | 199 | 186 | 174 | 171 | 183 |
| 65° | 136 | 131 | 120 | 109 | 106 | 134 |
| 75° | 70 | 66 | 58 | 52 | 51 | 75 |
| 85° | 16 | 15 | 14 | 14 | 14 | 19 |
| 90° | 0 | 0 | 0 | 0 | 0 | 2 |
| 95° | 37 | 104 | 42 | 23 | 23 | 47 |
| 105° | 189 | 585 | 424 | 174 | 143 | 202 |
| 115° | 359 | 733 | 1760 | 765 | 581 | 350 |
| 125° | 479 | 740 | 2304 | 2323 | 2147 | 429 |
| 135° | 618 | 825 | 1866 | 2545 | 2604 | 477 |
| 145° | 779 | 900 | 1558 | 2166 | 2368 | 484 |
| 155° | 899 | 966 | 1336 | 1654 | 1825 | 414 |
| 165° | 995 | 1022 | 1074 | 1255 | 1341 | 281 |
| 175° | 1051 | 1073 | 1041 | 1046 | 1055 | 99 |
| 180° | 1046 | 1046 | 1046 | 1046 | 1046 | |

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CANDELA DISTRIBUTION (FULL):

| | 0° | 22.5° | 45° | 67.5° | 90° |
|--------|-------|-------|-------|-------|-------|
| 0° | 466.3 | 466.3 | 466.3 | 466.3 | 466.3 |
| 2.5° | 463.9 | 468.6 | 464.4 | 465.0 | 466.0 |
| 5° | 462.3 | 468.1 | 462.6 | 462.0 | 465.3 |
| 7.5° | 458.7 | 464.0 | 458.3 | 457.0 | 459.9 |
| 10° | 455.0 | 460.8 | 454.4 | 452.7 | 454.4 |
| 12.5° | 448.4 | 454.5 | 449.3 | 446.6 | 448.0 |
| 15° | 439.4 | 443.3 | 439.4 | 436.8 | 436.8 |
| 17.5° | 428.5 | 432.6 | 425.3 | 423.4 | 422.7 |
| 20° | 420.6 | 424.1 | 416.3 | 413.6 | 412.6 |
| 22.5° | 410.0 | 413.3 | 406.7 | 402.2 | 401.0 |
| 25° | 395.4 | 396.7 | 390.4 | 385.1 | 383.5 |
| 27.5° | 380.8 | 381.1 | 372.5 | 366.0 | 363.9 |
| 30° | 368.6 | 368.9 | 359.0 | 352.0 | 350.4 |
| 32.5° | 356.4 | 355.4 | 346.0 | 337.7 | 336.6 |
| 35° | 339.4 | 336.2 | 326.9 | 317.2 | 315.3 |
| 37.5° | 319.0 | 317.0 | 306.0 | 296.3 | 293.4 |
| 40° | 306.0 | 302.8 | 291.4 | 281.8 | 278.8 |
| 42.5° | 293.0 | 289.3 | 277.6 | 266.9 | 263.7 |
| 45° | 272.9 | 268.7 | 257.3 | 245.0 | 241.4 |
| 47.5° | 252.6 | 248.0 | 235.5 | 223.6 | 219.6 |
| 50° | 239.1 | 234.2 | 221.2 | 209.5 | 205.3 |
| 52.5° | 225.3 | 220.2 | 207.2 | 195.2 | 191.8 |
| 55° | 204.7 | 199.2 | 186.4 | 174.4 | 171.2 |
| 57.5° | 184.0 | 178.6 | 165.9 | 154.6 | 150.7 |
| 60° | 170.2 | 165.0 | 152.7 | 141.3 | 137.4 |
| 62.5° | 156.2 | 151.3 | 139.2 | 128.1 | 124.4 |
| 65° | 135.8 | 130.9 | 119.5 | 108.9 | 105.6 |
| 67.5° | 115.6 | 111.4 | 100.2 | 90.4 | 87.8 |
| 70° | 102.3 | 98.4 | 87.8 | 78.8 | 76.2 |
| 72.5° | 89.6 | 85.5 | 75.3 | 67.6 | 65.8 |
| 75° | 70.2 | 66.3 | 58.3 | 52.3 | 51.3 |
| 77.5° | 52.5 | 49.3 | 42.3 | 38.9 | 38.4 |
| 80° | 41.1 | 38.1 | 32.8 | 30.5 | 30.5 |
| 82.5° | 30.5 | 28.1 | 24.6 | 23.6 | 23.6 |
| 85° | 15.9 | 14.6 | 13.9 | 13.9 | 13.9 |
| 87.5° | 4.8 | 4.8 | 4.5 | 4.2 | 4.2 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 92.5° | 11.1 | 25.5 | 7.4 | 3.8 | 7.4 |
| 95° | 36.9 | 104.4 | 41.5 | 23.0 | 23.0 |
| 97.5° | 76.5 | 233.3 | 106.9 | 57.0 | 51.6 |
| 100° | 106.0 | 331.3 | 165.9 | 82.7 | 73.7 |
| 102.5° | 139.2 | 429.3 | 250.7 | 112.1 | 95.8 |
| 105° | 188.9 | 585.4 | 423.9 | 174.4 | 142.8 |
| 107.5° | 244.2 | 692.1 | 698.6 | 268.8 | 216.6 |
| 110° | 281.1 | 736.1 | 930.8 | 353.0 | 271.9 |



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CANDELA DISTRIBUTION (continued):

| | 0° | 22.5° | 45° | 67.5° | 90° |
|--------|--------|--------|--------|--------|--------|
| 112.5° | 314.3 | 747.7 | 1240.5 | 481.3 | 371.4 |
| 115° | 359.4 | 733.4 | 1760.2 | 765.3 | 580.6 |
| 117.5° | 392.6 | 698.1 | 2154.7 | 1217.5 | 939.1 |
| 120° | 414.7 | 698.6 | 2313.2 | 1559.6 | 1248.8 |
| 122.5° | 440.5 | 702.7 | 2357.4 | 1899.4 | 1613.7 |
| 125° | 479.2 | 740.5 | 2304.0 | 2323.0 | 2147.3 |
| 127.5° | 517.9 | 768.4 | 2160.2 | 2497.2 | 2442.2 |
| 130° | 543.7 | 787.0 | 2045.9 | 2556.5 | 2515.9 |
| 132.5° | 569.5 | 805.6 | 1964.8 | 2557.9 | 2578.6 |
| 135° | 617.5 | 824.7 | 1866.2 | 2544.9 | 2603.5 |
| 137.5° | 666.3 | 848.3 | 1774.1 | 2464.3 | 2586.0 |
| 140° | 695.8 | 867.0 | 1700.3 | 2377.1 | 2552.8 |
| 142.5° | 729.0 | 882.2 | 1630.3 | 2296.2 | 2482.8 |
| 145° | 778.7 | 900.4 | 1557.5 | 2165.7 | 2368.5 |
| 147.5° | 817.5 | 910.3 | 1475.5 | 2034.1 | 2201.7 |
| 150° | 843.3 | 910.8 | 1442.3 | 1917.0 | 2124.3 |
| 152.5° | 865.4 | 929.4 | 1401.7 | 1809.7 | 1998.9 |
| 155° | 898.6 | 966.1 | 1336.3 | 1653.5 | 1824.7 |
| 157.5° | 931.7 | 996.6 | 1258.9 | 1537.1 | 1653.3 |
| 160° | 953.8 | 1007.9 | 1207.3 | 1480.9 | 1557.5 |
| 162.5° | 972.3 | 1019.1 | 1152.0 | 1385.3 | 1472.7 |
| 165° | 995.3 | 1022.4 | 1073.7 | 1255.3 | 1340.9 |
| 167.5° | 1016.5 | 1030.0 | 1080.1 | 1127.8 | 1197.1 |
| 170° | 1027.6 | 1041.1 | 1069.0 | 1115.6 | 1138.2 |
| 172.5° | 1038.6 | 1059.4 | 1054.3 | 1086.1 | 1105.0 |
| 175° | 1050.6 | 1073.1 | 1041.4 | 1046.2 | 1055.2 |
| 177.5° | 1053.4 | 1064.2 | 1057.1 | 1057.3 | 1068.1 |
| 180° | 1046.0 | 1046.0 | 1046.0 | 1046.0 | 1046.0 |



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CIE UGR TABLE:

| Reflectances: | | | | | | | | | | | |
|-----------------|------|------------------|-------|-------|-------|-------|----------------|-------|-------|-------|-------|
| Ceiling | | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 |
| Wall | | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 |
| Reference plane | | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| Room dimensions | | Viewed crosswise | | | | | Viewed endwise | | | | |
| X=2H | Y=2H | 8.09 | 8.71 | 9.30 | 9.89 | 11.59 | 7.02 | 7.63 | 8.22 | 8.81 | 10.51 |
| | 3H | 9.74 | 10.29 | 10.95 | 11.48 | 13.19 | 8.41 | 8.96 | 9.62 | 10.15 | 11.86 |
| | 4H | 10.36 | 10.88 | 11.58 | 12.07 | 13.78 | 8.91 | 9.44 | 10.14 | 10.63 | 12.34 |
| | 6H | 10.73 | 11.21 | 11.96 | 12.40 | 14.12 | 9.22 | 9.70 | 10.45 | 10.89 | 12.61 |
| | 8H | 10.86 | 11.32 | 12.09 | 12.53 | 14.24 | 9.34 | 9.79 | 10.56 | 11.00 | 12.71 |
| | 12H | 10.92 | 11.35 | 12.15 | 12.55 | 14.29 | 9.40 | 9.84 | 10.63 | 11.04 | 12.77 |
| 4H | 2H | 8.47 | 8.99 | 9.70 | 10.18 | 11.89 | 7.61 | 8.13 | 8.84 | 9.33 | 11.03 |
| | 3H | 10.34 | 10.77 | 11.57 | 11.99 | 13.71 | 9.21 | 9.64 | 10.44 | 10.86 | 12.58 |
| | 4H | 11.07 | 11.48 | 12.31 | 12.68 | 14.42 | 9.80 | 10.21 | 11.04 | 11.41 | 13.15 |
| | 6H | 11.56 | 11.91 | 12.80 | 13.13 | 14.86 | 10.20 | 10.55 | 11.44 | 11.77 | 13.50 |
| | 8H | 11.75 | 12.07 | 12.98 | 13.29 | 15.03 | 10.37 | 10.69 | 11.60 | 11.90 | 13.65 |
| | 12H | 11.83 | 12.13 | 13.08 | 13.35 | 15.10 | 10.46 | 10.75 | 11.71 | 11.98 | 13.72 |
| 8H | 4H | 11.18 | 11.50 | 12.42 | 12.72 | 14.46 | 10.05 | 10.37 | 11.28 | 11.58 | 13.32 |
| | 6H | 11.79 | 12.06 | 13.04 | 13.32 | 15.06 | 10.56 | 10.83 | 11.81 | 12.09 | 13.83 |
| | 8H | 12.07 | 12.30 | 13.32 | 13.53 | 15.29 | 10.81 | 11.04 | 12.07 | 12.28 | 14.04 |
| | 12H | 12.22 | 12.42 | 13.48 | 13.65 | 15.44 | 10.98 | 11.18 | 12.24 | 12.41 | 14.20 |
| 12H | 4H | 11.15 | 11.44 | 12.39 | 12.66 | 14.41 | 10.04 | 10.33 | 11.28 | 11.55 | 13.30 |
| | 6H | 11.81 | 12.04 | 13.06 | 13.27 | 15.03 | 10.62 | 10.85 | 11.87 | 12.08 | 13.84 |
| | 8H | 12.10 | 12.30 | 13.35 | 13.53 | 15.32 | 10.89 | 11.09 | 12.15 | 12.32 | 14.11 |