

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: P1439599

Luminaire Tested: CB3-D-125U-030D-940-1D-UNV-STD-W-4

Issue Date: 3/31/2026

Test Information

Test Method: LM-79-2024
Report Number: P1439599
REPORT IS SCALED FROM IESNA LM-79-24 TEST DATA (G2-2312-242-3, G2-2312-242-8)
Test Lab: INNOVATION CENTER
Issue Date: 3/31/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: CB3-D-125U-030D-940-1D-UNV-STD-W-4
Description: CORELITE BASIC SLOT LED LUMINAIRE, DIFFUSER DUST COVER UPLIGHT
3-INCH APERTURE
DOWNLIGHT 300 LUMENS PER FOOT
UPLIGHT 1250 LUMENS PER FOOT
Light Source: 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

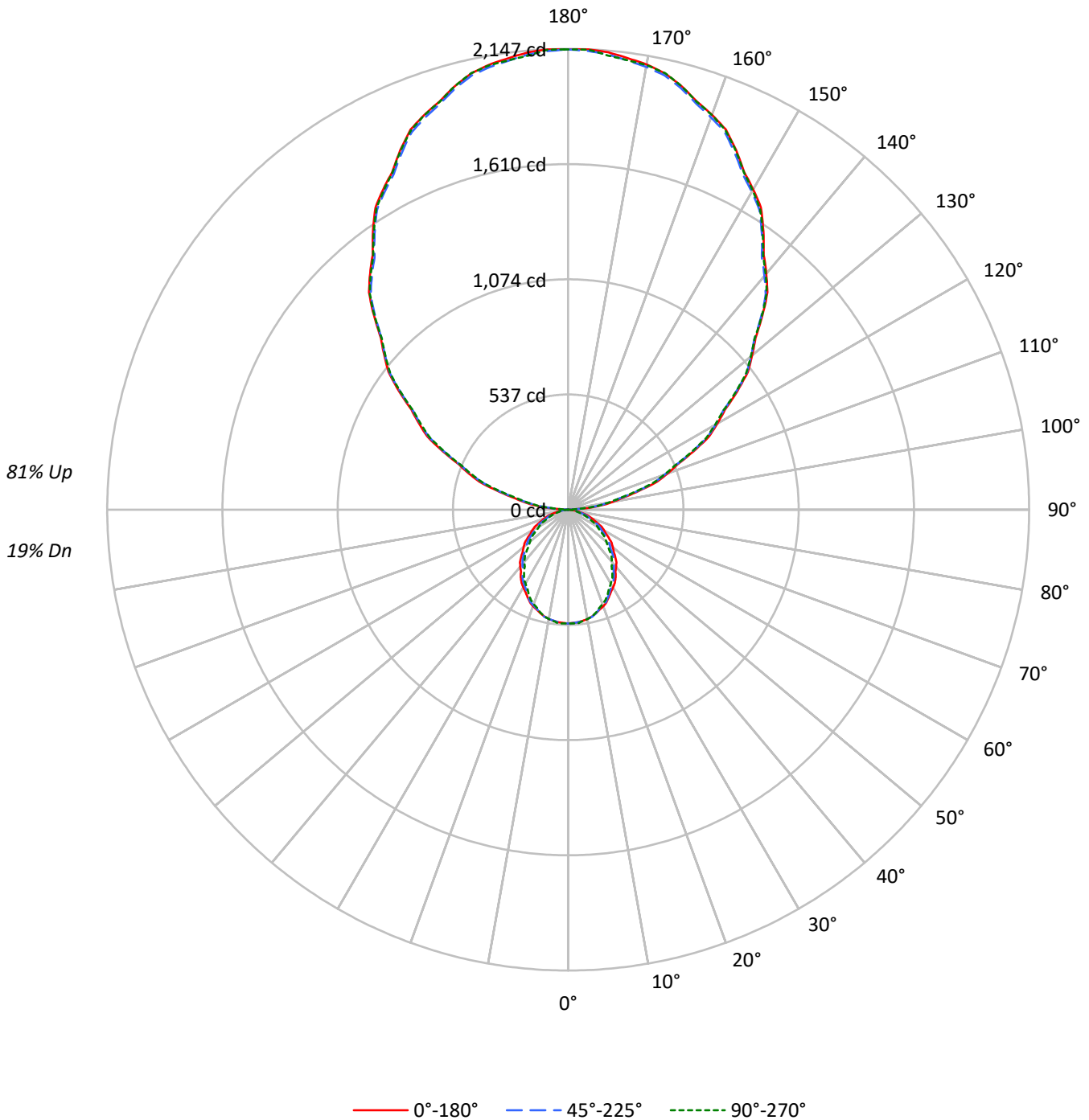
Lumens per Lamp: N/A
Luminaire Lumens: 6793.3 lumens
Efficiency: N/A
Efficacy: 148.3 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.13 / 1.26
Luminous Opening: Rectangular (W 0.24' x L: 4' x H: 0')
CIE Type: Semi-Indirect

Input Watts (W): 45.8
Input Voltage (V): 120
Input Current (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: 24 FT

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Luminous Intensity Polar Plot





TEST NUMBER: P1439599

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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 | 100 | 100 | 100 | 100 | 88 | 88 | 88 | 88 | 66 | 66 | 66 | 46 | 46 | 46 | 27 | 27 | 27 | 19 | | | | | | | | | | | | | | | | | | | | |
| 1 | 91 | 87 | 83 | 80 | 80 | 77 | 74 | 71 | 58 | 56 | 54 | 40 | 39 | 38 | 24 | 24 | 23 | 16 | | | | | | | | | | | | | | | | | | | | |
| 2 | 83 | 76 | 70 | 65 | 73 | 67 | 62 | 58 | 51 | 47 | 45 | 35 | 33 | 32 | 21 | 20 | 20 | 13 | | | | | | | | | | | | | | | | | | | | |
| 3 | 75 | 67 | 60 | 54 | 66 | 59 | 53 | 49 | 45 | 41 | 38 | 31 | 29 | 27 | 19 | 18 | 17 | 11 | | | | | | | | | | | | | | | | | | | | |
| 4 | 69 | 59 | 51 | 46 | 60 | 52 | 46 | 41 | 40 | 35 | 32 | 28 | 25 | 23 | 17 | 16 | 14 | 10 | | | | | | | | | | | | | | | | | | | | |
| 5 | 63 | 52 | 45 | 39 | 55 | 46 | 40 | 35 | 35 | 31 | 27 | 25 | 22 | 20 | 15 | 14 | 13 | 9 | | | | | | | | | | | | | | | | | | | | |
| 6 | 58 | 47 | 39 | 34 | 51 | 41 | 35 | 30 | 32 | 27 | 24 | 22 | 20 | 17 | 14 | 12 | 11 | 8 | | | | | | | | | | | | | | | | | | | | |
| 7 | 53 | 42 | 34 | 29 | 47 | 37 | 31 | 26 | 29 | 24 | 21 | 20 | 17 | 15 | 13 | 11 | 10 | 7 | | | | | | | | | | | | | | | | | | | | |
| 8 | 49 | 38 | 31 | 26 | 44 | 34 | 27 | 23 | 26 | 21 | 18 | 18 | 16 | 13 | 12 | 10 | 9 | 6 | | | | | | | | | | | | | | | | | | | | |
| 9 | 46 | 34 | 27 | 23 | 40 | 31 | 25 | 20 | 24 | 19 | 16 | 17 | 14 | 12 | 11 | 9 | 8 | 5 | | | | | | | | | | | | | | | | | | | | |
| 10 | 43 | 31 | 25 | 20 | 38 | 28 | 22 | 18 | 22 | 17 | 14 | 16 | 13 | 11 | 10 | 8 | 7 | 5 | | | | | | | | | | | | | | | | | | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° |
|-----|------|------|------|
| 0° | 6001 | 6001 | 6001 |
| 5° | 5973 | 5978 | 6030 |
| 10° | 5947 | 5939 | 5939 |
| 15° | 5857 | 5857 | 5822 |
| 20° | 5763 | 5704 | 5634 |
| 25° | 5598 | 5528 | 5429 |
| 30° | 5461 | 5319 | 5191 |
| 35° | 5316 | 5120 | 4938 |
| 40° | 5125 | 4882 | 4670 |
| 45° | 4951 | 4669 | 4381 |
| 50° | 4772 | 4416 | 4098 |
| 55° | 4578 | 4170 | 3831 |
| 60° | 4367 | 3917 | 3528 |
| 65° | 4123 | 3630 | 3207 |
| 70° | 3837 | 3292 | 2858 |
| 75° | 3480 | 2890 | 2544 |
| 80° | 3036 | 2424 | 2248 |
| 85° | 2337 | 2051 | 2051 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 4951 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 50.1 | 0.7 |
| 10°-20° | 140.6 | 2.1 |
| 20°-30° | 203.8 | 3.0 |
| 30°-40° | 231.5 | 3.4 |
| 40°-50° | 224.8 | 3.3 |
| 50°-60° | 189.8 | 2.8 |
| 60°-70° | 135.0 | 2.0 |
| 70°-80° | 72.1 | 1.1 |
| 80°-90° | 19.1 | 0.3 |
| 90°-100° | 90.6 | 1.3 |
| 100°-110° | 354.5 | 5.2 |
| 110°-120° | 631.9 | 9.3 |
| 120°-130° | 855.1 | 12.6 |
| 130°-140° | 983.0 | 14.5 |
| 140°-150° | 986.4 | 14.5 |
| 150°-160° | 848.3 | 12.5 |
| 160°-170° | 574.2 | 8.5 |
| 170°-180° | 202.5 | 3.0 |
| 0°-30° | 394.5 | 5.8 |
| 0°-40° | 626.0 | 9.2 |
| 0°-60° | 1040.5 | 15.3 |
| 0°-90° | 1266.7 | 18.6 |
| 90°-120° | 1077.0 | 15.9 |
| 90°-150° | 3901.5 | 57.4 |
| 90°-180° | 5527.0 | 81.4 |
| 0°-180° | 6793.3 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|------|------|-------|------|-------|------|------|
| 0° | 530 | 530 | 530 | 530 | 530 | |
| 5° | 526 | 532 | 526 | 526 | 531 | 50 |
| 15° | 500 | 504 | 500 | 497 | 497 | 141 |
| 25° | 448 | 450 | 443 | 437 | 435 | 207 |
| 35° | 385 | 381 | 371 | 360 | 358 | 240 |
| 45° | 309 | 305 | 292 | 278 | 274 | 239 |
| 55° | 232 | 226 | 211 | 198 | 194 | 207 |
| 65° | 154 | 148 | 136 | 124 | 120 | 153 |
| 75° | 80 | 75 | 66 | 59 | 58 | 85 |
| 85° | 18 | 17 | 16 | 16 | 16 | 21 |
| 90° | 0 | 0 | 0 | 0 | 0 | 4 |
| 95° | 87 | 79 | 71 | 66 | 67 | 99 |
| 105° | 344 | 342 | 330 | 326 | 322 | 367 |
| 115° | 644 | 648 | 633 | 631 | 630 | 639 |
| 125° | 960 | 972 | 952 | 949 | 950 | 859 |
| 135° | 1279 | 1292 | 1271 | 1261 | 1274 | 986 |
| 145° | 1585 | 1598 | 1572 | 1564 | 1578 | 990 |
| 155° | 1850 | 1866 | 1835 | 1827 | 1846 | 851 |
| 165° | 2042 | 2060 | 2032 | 2021 | 2042 | 575 |
| 175° | 2139 | 2158 | 2129 | 2116 | 2124 | 203 |
| 180° | 2144 | 2144 | 2144 | 2144 | 2144 | |



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CANDELA DISTRIBUTION (FULL):

| | 0° | 22.5° | 45° | 67.5° | 90° |
|--------|-------|-------|-------|-------|-------|
| 0° | 530.4 | 530.4 | 530.4 | 530.4 | 530.4 |
| 2.5° | 527.7 | 533.0 | 528.3 | 528.9 | 530.1 |
| 5° | 525.9 | 532.5 | 526.3 | 525.6 | 530.9 |
| 7.5° | 521.8 | 527.9 | 521.4 | 519.9 | 523.2 |
| 10° | 517.6 | 524.2 | 516.9 | 515.1 | 516.9 |
| 12.5° | 510.1 | 517.0 | 511.2 | 508.1 | 509.7 |
| 15° | 500.0 | 504.4 | 500.0 | 497.0 | 497.0 |
| 17.5° | 487.6 | 492.2 | 483.9 | 481.8 | 480.7 |
| 20° | 478.6 | 482.6 | 473.7 | 470.6 | 467.9 |
| 22.5° | 466.6 | 470.3 | 462.9 | 456.4 | 454.7 |
| 25° | 448.4 | 449.9 | 442.8 | 436.7 | 434.9 |
| 27.5° | 431.8 | 432.2 | 422.4 | 415.1 | 412.6 |
| 30° | 418.0 | 418.3 | 407.1 | 399.2 | 397.3 |
| 32.5° | 404.2 | 403.1 | 392.4 | 383.0 | 381.7 |
| 35° | 384.9 | 381.3 | 370.7 | 359.7 | 357.5 |
| 37.5° | 361.7 | 359.5 | 347.0 | 336.0 | 332.7 |
| 40° | 347.0 | 343.3 | 330.5 | 319.5 | 316.2 |
| 42.5° | 332.3 | 328.0 | 314.9 | 302.7 | 299.1 |
| 45° | 309.4 | 304.7 | 291.8 | 277.8 | 273.8 |
| 47.5° | 286.5 | 281.3 | 267.1 | 253.5 | 249.1 |
| 50° | 271.1 | 265.6 | 250.9 | 237.6 | 232.8 |
| 52.5° | 255.5 | 249.7 | 234.9 | 221.4 | 217.5 |
| 55° | 232.1 | 225.8 | 211.4 | 197.8 | 194.2 |
| 57.5° | 208.7 | 202.5 | 188.1 | 175.3 | 170.9 |
| 60° | 193.0 | 187.2 | 173.1 | 160.3 | 155.9 |
| 62.5° | 177.1 | 171.5 | 157.8 | 145.2 | 141.1 |
| 65° | 154.0 | 148.5 | 135.6 | 123.5 | 119.8 |
| 67.5° | 131.1 | 126.4 | 113.6 | 102.5 | 99.6 |
| 70° | 116.0 | 111.6 | 99.5 | 89.3 | 86.4 |
| 72.5° | 101.6 | 96.9 | 85.4 | 76.7 | 74.7 |
| 75° | 79.6 | 75.2 | 66.1 | 59.3 | 58.2 |
| 77.5° | 59.5 | 55.9 | 48.0 | 44.2 | 43.6 |
| 80° | 46.6 | 43.3 | 37.2 | 34.5 | 34.5 |
| 82.5° | 34.5 | 31.8 | 27.9 | 26.7 | 26.7 |
| 85° | 18.0 | 16.6 | 15.8 | 15.8 | 15.8 |
| 87.5° | 5.4 | 5.4 | 5.1 | 4.8 | 4.8 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 92.5° | 23.7 | 21.1 | 13.2 | 10.5 | 10.5 |
| 95° | 87.1 | 79.1 | 70.7 | 65.8 | 67.4 |
| 97.5° | 160.8 | 153.1 | 142.7 | 137.8 | 139.1 |
| 100° | 212.1 | 205.7 | 194.0 | 189.1 | 189.1 |
| 102.5° | 262.1 | 258.2 | 246.6 | 241.7 | 243.0 |
| 105° | 343.6 | 342.0 | 330.5 | 325.5 | 322.3 |
| 107.5° | 433.7 | 430.8 | 418.0 | 417.6 | 414.7 |
| 110° | 491.6 | 490.0 | 478.5 | 476.8 | 475.2 |



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CANDELA DISTRIBUTION (continued):

| | 0° | 22.5° | 45° | 67.5° | 90° |
|--------|--------|--------|--------|--------|--------|
| 112.5° | 550.8 | 553.1 | 540.3 | 538.6 | 537.0 |
| 115° | 644.5 | 647.7 | 633.0 | 631.3 | 629.7 |
| 117.5° | 740.5 | 745.0 | 729.4 | 727.7 | 724.8 |
| 120° | 802.4 | 812.0 | 792.5 | 790.8 | 789.2 |
| 122.5° | 865.5 | 873.9 | 855.6 | 852.7 | 852.4 |
| 125° | 960.2 | 971.5 | 952.0 | 948.7 | 950.3 |
| 127.5° | 1054.9 | 1066.5 | 1048.3 | 1041.8 | 1045.4 |
| 130° | 1118.1 | 1130.9 | 1111.5 | 1105.0 | 1109.8 |
| 132.5° | 1182.5 | 1195.4 | 1175.9 | 1169.5 | 1176.9 |
| 135° | 1279.2 | 1292.0 | 1271.0 | 1261.4 | 1274.3 |
| 137.5° | 1373.6 | 1384.8 | 1361.7 | 1355.1 | 1368.6 |
| 140° | 1435.4 | 1446.6 | 1422.2 | 1414.4 | 1430.5 |
| 142.5° | 1495.9 | 1508.4 | 1481.4 | 1473.6 | 1491.0 |
| 145° | 1585.0 | 1597.9 | 1571.9 | 1564.0 | 1578.4 |
| 147.5° | 1670.5 | 1683.7 | 1657.4 | 1648.2 | 1662.9 |
| 150° | 1723.1 | 1737.6 | 1710.0 | 1702.1 | 1718.2 |
| 152.5° | 1774.4 | 1790.2 | 1761.3 | 1752.2 | 1772.1 |
| 155° | 1849.7 | 1865.8 | 1834.9 | 1827.1 | 1846.4 |
| 157.5° | 1917.5 | 1932.3 | 1904.3 | 1896.5 | 1913.2 |
| 160° | 1958.2 | 1974.3 | 1945.1 | 1937.3 | 1956.6 |
| 162.5° | 1993.8 | 2009.8 | 1983.2 | 1972.8 | 1992.1 |
| 165° | 2042.1 | 2059.8 | 2032.2 | 2021.2 | 2042.1 |
| 167.5° | 2082.5 | 2101.5 | 2072.3 | 2062.3 | 2083.2 |
| 170° | 2106.2 | 2123.9 | 2094.7 | 2082.0 | 2102.9 |
| 172.5° | 2122.0 | 2139.7 | 2110.5 | 2097.7 | 2112.1 |
| 175° | 2139.1 | 2158.4 | 2129.2 | 2116.3 | 2124.3 |
| 177.5° | 2146.7 | 2162.1 | 2138.8 | 2127.3 | 2145.4 |
| 180° | 2144.0 | 2144.0 | 2144.0 | 2144.0 | 2144.0 |



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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 | 9.27 | 9.90 | 10.45 | 11.06 | 12.72 | 8.19 | 8.82 | 9.38 | 9.99 | 11.65 |
| | 3H | 10.91 | 11.48 | 12.11 | 12.66 | 14.33 | 9.58 | 10.15 | 10.78 | 11.32 | 13.00 |
| | 4H | 11.53 | 12.07 | 12.74 | 13.25 | 14.92 | 10.09 | 10.63 | 11.29 | 11.80 | 13.48 |
| | 6H | 11.91 | 12.40 | 13.12 | 13.58 | 15.27 | 10.40 | 10.89 | 11.60 | 12.07 | 13.75 |
| | 8H | 12.04 | 12.51 | 13.25 | 13.70 | 15.38 | 10.51 | 10.98 | 11.72 | 12.17 | 13.85 |
| | 12H | 12.10 | 12.54 | 13.31 | 13.73 | 15.43 | 10.58 | 11.02 | 11.79 | 12.21 | 13.91 |
| 4H | 2H | 9.64 | 10.18 | 10.86 | 11.36 | 13.03 | 8.79 | 9.32 | 10.00 | 10.50 | 12.18 |
| | 3H | 11.51 | 11.96 | 12.73 | 13.16 | 14.85 | 10.38 | 10.83 | 11.60 | 12.03 | 13.72 |
| | 4H | 12.25 | 12.67 | 13.47 | 13.85 | 15.56 | 10.98 | 11.39 | 12.19 | 12.58 | 14.29 |
| | 6H | 12.74 | 13.09 | 13.96 | 14.31 | 16.00 | 11.38 | 11.73 | 12.60 | 12.94 | 14.64 |
| | 8H | 12.93 | 13.26 | 14.14 | 14.46 | 16.17 | 11.54 | 11.87 | 12.76 | 13.07 | 14.79 |
| | 12H | 13.01 | 13.31 | 14.24 | 14.52 | 16.24 | 11.64 | 11.94 | 12.87 | 13.15 | 14.86 |
| 8H | 4H | 12.36 | 12.69 | 13.58 | 13.89 | 15.60 | 11.22 | 11.55 | 12.44 | 12.75 | 14.47 |
| | 6H | 12.97 | 13.24 | 14.21 | 14.49 | 16.20 | 11.74 | 12.01 | 12.98 | 13.26 | 14.97 |
| | 8H | 13.25 | 13.48 | 14.48 | 14.70 | 16.43 | 11.99 | 12.23 | 13.23 | 13.45 | 15.18 |
| | 12H | 13.40 | 13.61 | 14.64 | 14.82 | 16.58 | 12.16 | 12.37 | 13.40 | 13.58 | 15.34 |
| 12H | 4H | 12.32 | 12.62 | 13.56 | 13.84 | 15.55 | 11.22 | 11.51 | 12.45 | 12.73 | 14.44 |
| | 6H | 12.99 | 13.22 | 14.23 | 14.44 | 16.17 | 11.80 | 12.03 | 13.04 | 13.25 | 14.98 |
| | 8H | 13.28 | 13.48 | 14.52 | 14.70 | 16.46 | 12.07 | 12.28 | 13.31 | 13.49 | 15.25 |