

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: P1439333

Luminaire Tested: CB3-125U-055D-927-1D-UNV-STD-W-4

Issue Date: 3/31/2026

Test Information

Test Method: LM-79-2024
Report Number: P1439333
REPORT IS SCALED FROM IESNA LM-79-24 TEST DATA (G2-2506-466-2, G2-2312-242-8)
Test Lab: INNOVATION CENTER
Issue Date: 3/31/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: CB3-125U-055D-927-1D-UNV-STD-W-4
Description: CORELITE BASIC SLOT LED LUMINAIRE, OPEN UPLIGHT
3-INCH APERTURE
DOWNLIGHT 550 LUMENS PER FOOT
UPLIGHT 1250 LUMENS PER FOOT
Light Source: 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

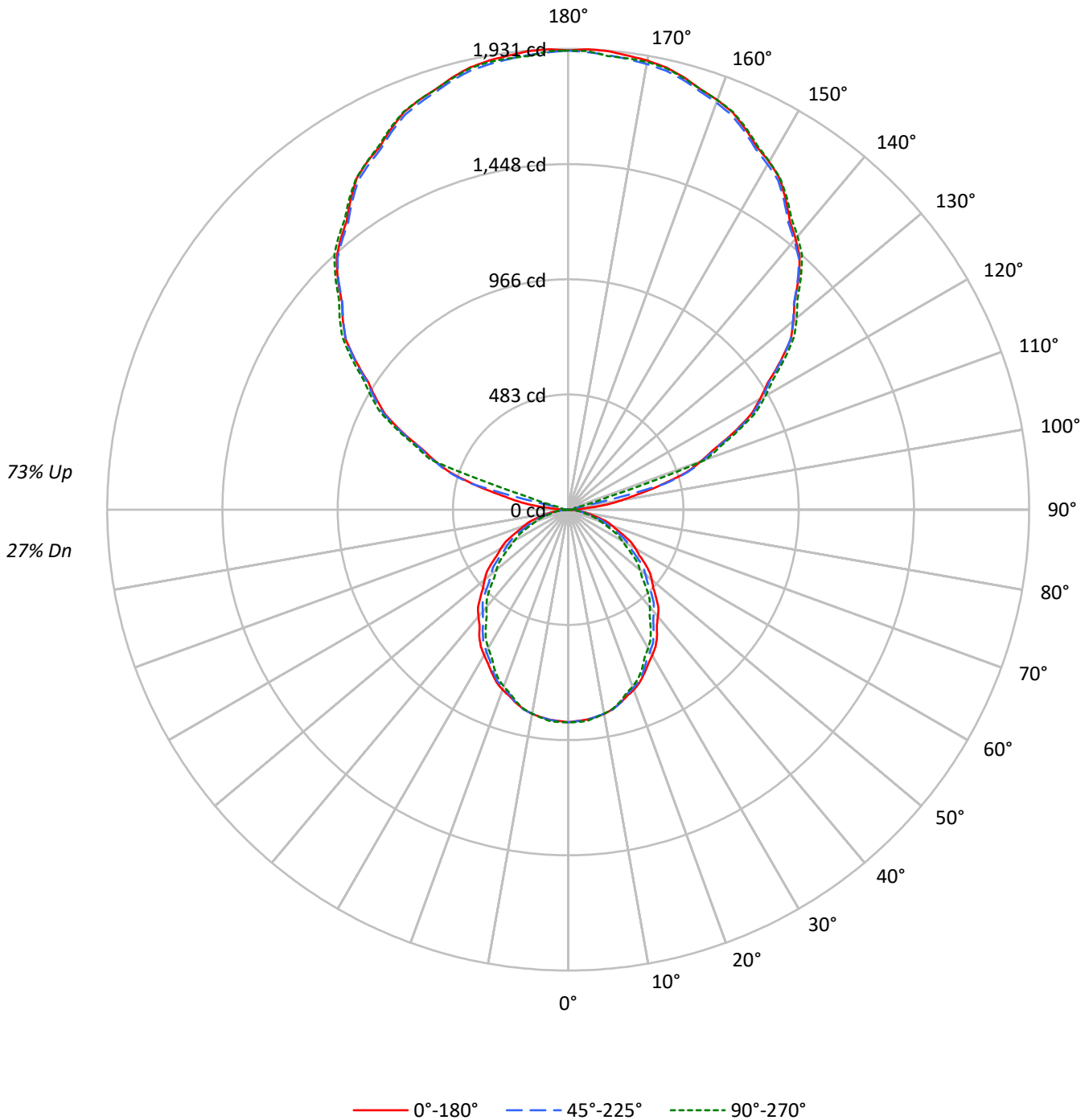
Lumens per Lamp: N/A
Luminaire Lumens: 7810.8 lumens
Efficiency: N/A
Efficacy: 145.2 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.13 / 1.26
Luminous Opening: Rectangular (W 0.24' x L: 4' x H: 0')
CIE Type: Semi-Indirect

Input Watts (W): 53.8
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: P1439333

CATALOG NUMBER: CB3-125U-055D-927-1D-UNV-STD-W-4

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 | 102 | 102 | 102 | 102 | 91 | 91 | 91 | 91 | 71 | 71 | 71 | 52 | 52 | 52 | 35 | 35 | 35 | 27 | | | | | | | | | | | | | | | | | | | | |
| 1 | 93 | 89 | 85 | 82 | 83 | 79 | 76 | 74 | 62 | 60 | 58 | 46 | 45 | 44 | 31 | 31 | 30 | 23 | | | | | | | | | | | | | | | | | | | | |
| 2 | 85 | 77 | 72 | 67 | 75 | 69 | 65 | 60 | 54 | 51 | 48 | 40 | 38 | 36 | 28 | 26 | 25 | 20 | | | | | | | | | | | | | | | | | | | | |
| 3 | 77 | 68 | 61 | 56 | 69 | 61 | 55 | 50 | 48 | 44 | 41 | 36 | 33 | 31 | 25 | 23 | 22 | 17 | | | | | | | | | | | | | | | | | | | | |
| 4 | 71 | 60 | 53 | 47 | 63 | 54 | 48 | 43 | 43 | 38 | 34 | 32 | 29 | 26 | 22 | 20 | 19 | 14 | | | | | | | | | | | | | | | | | | | | |
| 5 | 65 | 54 | 46 | 40 | 58 | 48 | 42 | 37 | 38 | 33 | 30 | 29 | 25 | 23 | 20 | 18 | 16 | 13 | | | | | | | | | | | | | | | | | | | | |
| 6 | 59 | 48 | 40 | 35 | 53 | 43 | 36 | 32 | 34 | 29 | 26 | 26 | 23 | 20 | 18 | 16 | 14 | 11 | | | | | | | | | | | | | | | | | | | | |
| 7 | 55 | 43 | 36 | 30 | 49 | 39 | 32 | 28 | 31 | 26 | 23 | 23 | 20 | 18 | 16 | 14 | 13 | 10 | | | | | | | | | | | | | | | | | | | | |
| 8 | 51 | 39 | 32 | 27 | 45 | 35 | 29 | 24 | 28 | 23 | 20 | 21 | 18 | 16 | 15 | 13 | 11 | 9 | | | | | | | | | | | | | | | | | | | | |
| 9 | 47 | 36 | 28 | 23 | 42 | 32 | 26 | 22 | 26 | 21 | 18 | 20 | 16 | 14 | 14 | 12 | 10 | 8 | | | | | | | | | | | | | | | | | | | | |
| 10 | 44 | 32 | 26 | 21 | 39 | 29 | 23 | 19 | 24 | 19 | 16 | 18 | 15 | 13 | 13 | 11 | 9 | 7 | | | | | | | | | | | | | | | | | | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° |
|-----|-------|-------|-------|
| 0° | 10079 | 10079 | 10079 |
| 5° | 10031 | 10038 | 10096 |
| 10° | 9986 | 9973 | 9973 |
| 15° | 9834 | 9834 | 9774 |
| 20° | 9674 | 9575 | 9492 |
| 25° | 9431 | 9312 | 9146 |
| 30° | 9199 | 8960 | 8744 |
| 35° | 8957 | 8625 | 8319 |
| 40° | 8635 | 8223 | 7868 |
| 45° | 8341 | 7866 | 7380 |
| 50° | 8041 | 7439 | 6904 |
| 55° | 7713 | 7027 | 6452 |
| 60° | 7359 | 6599 | 5940 |
| 65° | 6945 | 6115 | 5403 |
| 70° | 6467 | 5544 | 4813 |
| 75° | 5862 | 4866 | 4289 |
| 80° | 5108 | 4079 | 3792 |
| 85° | 3947 | 3453 | 3453 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 8341 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 84.0 | 1.1 |
| 10°-20° | 236.1 | 3.0 |
| 20°-30° | 343.0 | 4.4 |
| 30°-40° | 390.0 | 5.0 |
| 40°-50° | 378.6 | 4.8 |
| 50°-60° | 319.7 | 4.1 |
| 60°-70° | 227.4 | 2.9 |
| 70°-80° | 121.5 | 1.6 |
| 80°-90° | 32.2 | 0.4 |
| 90°-100° | 44.4 | 0.6 |
| 100°-110° | 321.8 | 4.1 |
| 110°-120° | 765.0 | 9.8 |
| 120°-130° | 977.3 | 12.5 |
| 130°-140° | 1054.2 | 13.5 |
| 140°-150° | 993.8 | 12.7 |
| 150°-160° | 810.7 | 10.4 |
| 160°-170° | 528.2 | 6.8 |
| 170°-180° | 182.6 | 2.3 |
| 0°-30° | 663.2 | 8.5 |
| 0°-40° | 1053.2 | 13.5 |
| 0°-60° | 1751.5 | 22.4 |
| 0°-90° | 2132.7 | 27.3 |
| 90°-120° | 1131.2 | 14.5 |
| 90°-150° | 4156.6 | 53.2 |
| 90°-180° | 5678.0 | 72.7 |
| 0°-180° | 7810.8 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|------|------|-------|------|-------|------|------|
| 0° | 891 | 891 | 891 | 891 | 891 | |
| 5° | 883 | 894 | 884 | 883 | 889 | 84 |
| 15° | 840 | 847 | 840 | 834 | 834 | 236 |
| 25° | 755 | 758 | 746 | 736 | 733 | 348 |
| 35° | 648 | 642 | 624 | 606 | 602 | 404 |
| 45° | 521 | 513 | 492 | 468 | 461 | 402 |
| 55° | 391 | 380 | 356 | 333 | 327 | 350 |
| 65° | 259 | 250 | 228 | 208 | 202 | 257 |
| 75° | 134 | 127 | 111 | 100 | 98 | 143 |
| 85° | 30 | 28 | 27 | 27 | 27 | 36 |
| 90° | 0 | 0 | 0 | 1 | 0 | 4 |
| 95° | 81 | 15 | 19 | 20 | 20 | 100 |
| 105° | 407 | 413 | 419 | 30 | 32 | 430 |
| 115° | 764 | 770 | 771 | 783 | 787 | 754 |
| 125° | 1086 | 1093 | 1090 | 1102 | 1109 | 969 |
| 135° | 1364 | 1371 | 1360 | 1370 | 1379 | 1051 |
| 145° | 1588 | 1598 | 1578 | 1588 | 1596 | 993 |
| 155° | 1759 | 1773 | 1749 | 1753 | 1764 | 811 |
| 165° | 1875 | 1885 | 1864 | 1859 | 1872 | 529 |
| 175° | 1928 | 1938 | 1912 | 1902 | 1908 | 183 |
| 180° | 1924 | 1924 | 1924 | 1924 | 1924 | |

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CANDELA DISTRIBUTION (FULL):

| | 0° | 22.5° | 45° | 67.5° | 90° |
|--------|-------|-------|-------|-------|-------|
| 0° | 890.8 | 890.8 | 890.8 | 890.8 | 890.8 |
| 2.5° | 886.2 | 895.1 | 887.2 | 888.3 | 890.2 |
| 5° | 883.2 | 894.3 | 883.8 | 882.7 | 888.9 |
| 7.5° | 876.3 | 886.5 | 875.6 | 873.0 | 878.6 |
| 10° | 869.2 | 880.4 | 868.0 | 864.9 | 868.0 |
| 12.5° | 856.6 | 868.2 | 858.4 | 853.2 | 855.8 |
| 15° | 839.5 | 846.9 | 839.5 | 834.4 | 834.4 |
| 17.5° | 818.6 | 826.4 | 812.4 | 808.9 | 807.5 |
| 20° | 803.4 | 810.3 | 795.2 | 790.1 | 788.3 |
| 22.5° | 783.2 | 789.5 | 777.0 | 768.3 | 766.0 |
| 25° | 755.4 | 757.8 | 745.9 | 735.7 | 732.6 |
| 27.5° | 727.4 | 728.0 | 711.6 | 699.2 | 695.1 |
| 30° | 704.1 | 704.7 | 685.8 | 672.4 | 669.3 |
| 32.5° | 680.8 | 679.0 | 661.0 | 645.1 | 643.0 |
| 35° | 648.5 | 642.3 | 624.4 | 606.0 | 602.3 |
| 37.5° | 609.4 | 605.6 | 584.6 | 566.1 | 560.5 |
| 40° | 584.6 | 578.4 | 556.7 | 538.2 | 532.7 |
| 42.5° | 559.8 | 552.6 | 530.4 | 509.9 | 503.8 |
| 45° | 521.3 | 513.3 | 491.6 | 468.0 | 461.2 |
| 47.5° | 482.6 | 473.8 | 449.9 | 427.1 | 419.6 |
| 50° | 456.8 | 447.5 | 422.6 | 400.3 | 392.2 |
| 52.5° | 430.4 | 420.7 | 395.8 | 373.0 | 366.4 |
| 55° | 391.0 | 380.5 | 356.2 | 333.3 | 327.1 |
| 57.5° | 351.5 | 341.1 | 317.0 | 295.3 | 287.8 |
| 60° | 325.2 | 315.3 | 291.6 | 270.0 | 262.5 |
| 62.5° | 298.4 | 288.9 | 265.8 | 244.7 | 237.7 |
| 65° | 259.4 | 250.1 | 228.4 | 208.0 | 201.8 |
| 67.5° | 220.8 | 212.9 | 191.4 | 172.7 | 167.8 |
| 70° | 195.5 | 188.1 | 167.6 | 150.5 | 145.5 |
| 72.5° | 171.2 | 163.3 | 143.9 | 129.2 | 125.8 |
| 75° | 134.1 | 126.7 | 111.3 | 99.9 | 98.1 |
| 77.5° | 100.2 | 94.1 | 80.9 | 74.4 | 73.4 |
| 80° | 78.4 | 72.9 | 62.6 | 58.2 | 58.2 |
| 82.5° | 58.2 | 53.6 | 46.9 | 45.0 | 45.0 |
| 85° | 30.4 | 27.9 | 26.6 | 26.6 | 26.6 |
| 87.5° | 9.1 | 9.1 | 8.6 | 8.4 | 8.1 |
| 90° | 0.0 | 0.0 | 0.0 | 1.4 | 0.0 |
| 92.5° | 22.0 | 8.4 | 7.0 | 8.4 | 8.1 |
| 95° | 81.2 | 14.6 | 18.8 | 20.3 | 20.3 |
| 97.5° | 163.5 | 160.4 | 22.0 | 26.4 | 26.7 |
| 100° | 226.2 | 233.3 | 23.2 | 27.6 | 29.0 |
| 102.5° | 295.8 | 301.7 | 42.9 | 28.7 | 30.2 |
| 105° | 407.4 | 413.1 | 419.0 | 30.5 | 31.9 |
| 107.5° | 518.5 | 522.7 | 526.6 | 474.0 | 177.5 |
| 110° | 591.6 | 595.8 | 597.4 | 611.9 | 614.7 |



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CANDELA DISTRIBUTION (continued):

| | 0° | 22.5° | 45° | 67.5° | 90° |
|--------|--------|--------|--------|--------|--------|
| 112.5° | 660.0 | 665.4 | 668.1 | 680.4 | 685.5 |
| 115° | 764.1 | 769.8 | 771.3 | 783.0 | 787.3 |
| 117.5° | 863.0 | 868.9 | 871.7 | 881.1 | 887.9 |
| 120° | 927.9 | 935.0 | 936.6 | 948.4 | 954.0 |
| 122.5° | 991.7 | 999.9 | 999.3 | 1009.9 | 1017.8 |
| 125° | 1086.0 | 1093.0 | 1090.3 | 1102.1 | 1109.2 |
| 127.5° | 1175.6 | 1179.8 | 1173.8 | 1188.2 | 1194.1 |
| 130° | 1232.4 | 1236.7 | 1229.5 | 1242.7 | 1249.8 |
| 132.5° | 1284.6 | 1291.1 | 1282.9 | 1294.9 | 1302.0 |
| 135° | 1364.3 | 1371.4 | 1360.0 | 1370.3 | 1378.8 |
| 137.5° | 1435.4 | 1443.9 | 1430.2 | 1442.2 | 1449.6 |
| 140° | 1481.8 | 1490.3 | 1473.1 | 1486.3 | 1494.8 |
| 142.5° | 1524.7 | 1535.5 | 1514.8 | 1526.9 | 1536.6 |
| 145° | 1587.6 | 1597.5 | 1577.5 | 1587.8 | 1596.3 |
| 147.5° | 1647.4 | 1655.9 | 1636.6 | 1644.0 | 1650.0 |
| 150° | 1683.3 | 1691.8 | 1670.3 | 1677.7 | 1684.8 |
| 152.5° | 1712.3 | 1724.2 | 1702.7 | 1707.9 | 1718.4 |
| 155° | 1758.7 | 1772.9 | 1748.6 | 1753.2 | 1764.5 |
| 157.5° | 1801.3 | 1814.1 | 1789.7 | 1793.7 | 1803.7 |
| 160° | 1826.8 | 1839.6 | 1815.3 | 1816.9 | 1826.8 |
| 162.5° | 1846.6 | 1858.2 | 1837.3 | 1834.4 | 1846.6 |
| 165° | 1874.7 | 1884.6 | 1864.5 | 1859.0 | 1871.8 |
| 167.5° | 1898.2 | 1909.5 | 1884.8 | 1880.2 | 1894.7 |
| 170° | 1910.9 | 1922.3 | 1896.4 | 1889.5 | 1905.1 |
| 172.5° | 1919.1 | 1929.3 | 1904.6 | 1895.3 | 1907.5 |
| 175° | 1928.3 | 1938.3 | 1912.4 | 1902.4 | 1908.0 |
| 177.5° | 1931.0 | 1938.9 | 1918.2 | 1909.2 | 1922.8 |
| 180° | 1924.0 | 1924.0 | 1924.0 | 1924.0 | 1924.0 |



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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 | 12.58 | 13.26 | 13.71 | 14.38 | 15.94 | 11.50 | 12.18 | 12.63 | 13.30 | 14.87 |
| | 3H | 14.23 | 14.84 | 15.37 | 15.97 | 17.55 | 12.90 | 13.51 | 14.04 | 14.64 | 16.22 |
| | 4H | 14.85 | 15.43 | 16.00 | 16.56 | 18.15 | 13.41 | 13.99 | 14.56 | 15.12 | 16.70 |
| | 6H | 15.23 | 15.76 | 16.38 | 16.89 | 18.49 | 13.72 | 14.25 | 14.87 | 15.38 | 16.98 |
| | 8H | 15.36 | 15.87 | 16.52 | 17.02 | 18.60 | 13.83 | 14.34 | 14.99 | 15.49 | 17.08 |
| | 12H | 15.42 | 15.90 | 16.58 | 17.04 | 18.65 | 13.90 | 14.38 | 15.07 | 15.53 | 17.14 |
| 4H | 2H | 12.96 | 13.54 | 14.12 | 14.67 | 16.26 | 12.10 | 12.68 | 13.26 | 13.82 | 15.40 |
| | 3H | 14.84 | 15.32 | 16.00 | 16.48 | 18.07 | 13.71 | 14.19 | 14.87 | 15.35 | 16.94 |
| | 4H | 15.58 | 16.02 | 16.74 | 17.17 | 18.78 | 14.31 | 14.75 | 15.47 | 15.90 | 17.51 |
| | 6H | 16.07 | 16.45 | 17.24 | 17.62 | 19.22 | 14.71 | 15.09 | 15.88 | 16.26 | 17.86 |
| | 8H | 16.26 | 16.61 | 17.42 | 17.77 | 19.39 | 14.87 | 15.23 | 16.04 | 16.39 | 18.01 |
| | 12H | 16.35 | 16.67 | 17.53 | 17.84 | 19.47 | 14.97 | 15.29 | 16.16 | 16.46 | 18.09 |
| 8H | 4H | 15.69 | 16.05 | 16.86 | 17.21 | 18.83 | 14.55 | 14.91 | 15.72 | 16.07 | 17.69 |
| | 6H | 16.30 | 16.60 | 17.49 | 17.80 | 19.42 | 15.07 | 15.37 | 16.26 | 16.57 | 18.19 |
| | 8H | 16.58 | 16.83 | 17.77 | 18.01 | 19.65 | 15.32 | 15.58 | 16.52 | 16.76 | 18.40 |
| | 12H | 16.73 | 16.96 | 17.93 | 18.14 | 19.81 | 15.49 | 15.72 | 16.69 | 16.89 | 18.57 |
| 12H | 4H | 15.66 | 15.98 | 16.84 | 17.15 | 18.78 | 14.55 | 14.87 | 15.73 | 16.04 | 17.67 |
| | 6H | 16.32 | 16.57 | 17.51 | 17.75 | 19.39 | 15.13 | 15.39 | 16.32 | 16.57 | 18.20 |
| | 8H | 16.61 | 16.83 | 17.81 | 18.01 | 19.68 | 15.40 | 15.63 | 16.60 | 16.81 | 18.48 |