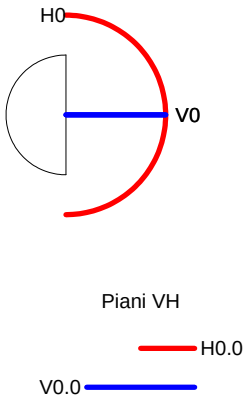
**Luminaire**
Code 231233.110
Name CONTINENTAL AS HQI-T 1000W D
**Measurem.**
Code CL2303/07-88A
Name CONTINENTAL AS MT1000W

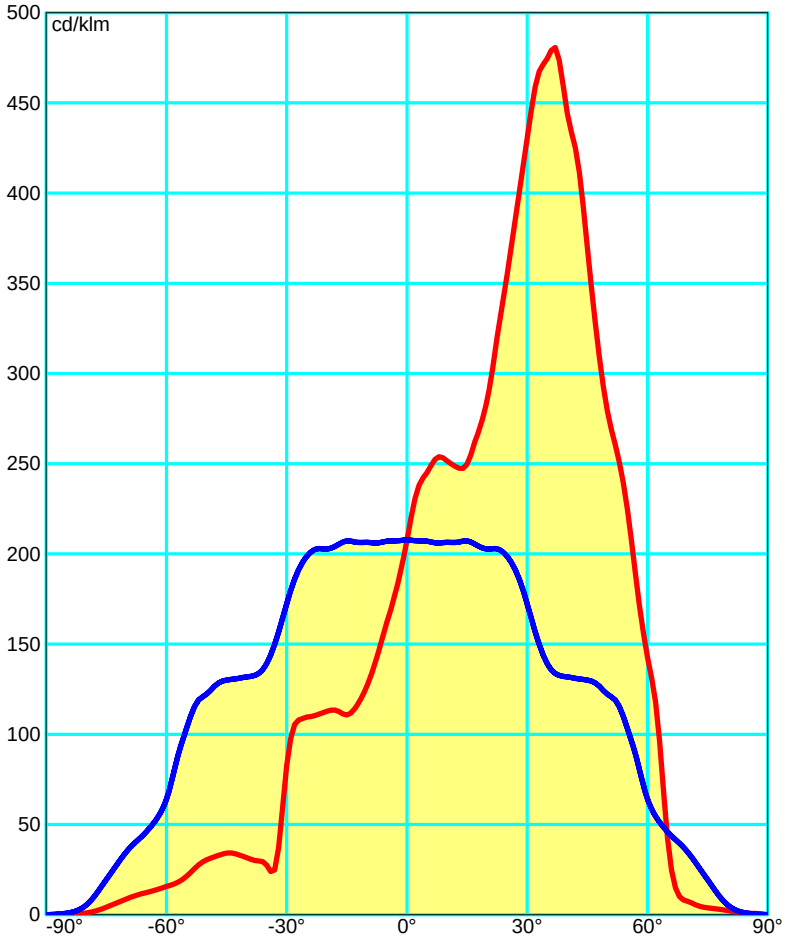
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Luminaire Flux | 53883.29 lm | Luminaire Power | 1000.00 W | Efficacy | 53.88 lm/W | Efficiency | 63.39% |
| Lamps Flux | 85000.00 lm | Maximum value | 487.94 cd/klm | Position | H=27.50 V=35.00 | VH | VH symm in H0 |

| | | | | | |
|---|---|---|---|---|---|
| Rectangular Luminaire | Length 610 mm | Width 525 mm | Height 1 mm |
| Rectangular Luminous Area | Length 610 mm | Width 525 mm | Height 0 mm |
| Horizontal Luminous Area | 0.320250 m2 | Emitting area on Plane 180° | 0.000000 m2 |
| Emitting area on Plane 0° | 0.000000 m2 | Emitting area on Plane 270° | 0.000000 m2 |
| Emitting area on Plane 90° | 0.000000 m2 | Glare area at 76° | 0.077475 m2 |
| Coordinate system | VH | Symmetry Type | VH symm in H0 |
| Date | 01-01-1998 | Beam Type | Diffuse |
| Measurement Distance | 0.00 | Measurement Flux | 80000.00 lm |
| Operator | | Source Voltage [V] | |
| Temperature | | Source current [A] | |
| Humidity | | Photocell | |
| Notes | | | |

**Luminaire Lamps**

| Line | Code | Name | Flux [lm] | Pow. [W] | Q.ty |
|---|---|---|---|---|---|
| OSRAM ILCOS MD,MT,ME,MC | HQIT1000D | POWERSTAR HQI - T | 85000.00 | 1000.00 | 1 |



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**Luminous Intensity Table cd/klm** **Table 1/3**

| | H 0.00 | H 2.50 | H 5.00 | H 7.50 | H 10.00 | H 12.50 | H 15.00 | H 17.50 | H 20.00 | H 22.50 | H 25.00 | H 27.50 | H 30.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| V-90.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| V-87.5 | 0.17 | 0.17 | 0.17 | 0.17 | 0.17 | 0.18 | 0.18 | 0.18 | 0.18 | 0.18 | 0.18 | 0.18 | 0.17 |
| V-85.0 | 0.25 | 0.25 | 0.25 | 0.25 | 0.26 | 0.26 | 0.26 | 0.26 | 0.26 | 0.27 | 0.27 | 0.27 | 0.27 |
| V-82.5 | 0.43 | 0.43 | 0.43 | 0.44 | 0.45 | 0.46 | 0.46 | 0.47 | 0.46 | 0.47 | 0.47 | 0.47 | 0.47 |
| V-80.0 | 0.94 | 0.95 | 0.98 | 1.01 | 1.04 | 1.04 | 1.03 | 1.00 | 0.98 | 0.96 | 0.93 | 0.93 | 0.94 |
| V-77.5 | 2.17 | 2.19 | 2.26 | 2.33 | 2.39 | 2.40 | 2.33 | 2.23 | 2.11 | 1.99 | 1.88 | 1.84 | 1.85 |
| V-75.0 | 4.19 | 4.23 | 4.32 | 4.43 | 4.52 | 4.55 | 4.42 | 4.14 | 3.82 | 3.52 | 3.26 | 3.14 | 3.11 |
| V-72.5 | 6.44 | 6.51 | 6.69 | 6.88 | 7.05 | 7.11 | 6.88 | 6.43 | 5.88 | 5.40 | 4.99 | 4.78 | 4.69 |
| V-70.0 | 8.66 | 8.75 | 9.00 | 9.30 | 9.51 | 9.48 | 9.27 | 8.76 | 8.07 | 7.40 | 6.77 | 6.48 | 6.40 |
| V-67.5 | 10.80 | 10.88 | 11.13 | 11.40 | 11.64 | 11.71 | 11.51 | 10.98 | 10.20 | 9.33 | 8.69 | 8.34 | 8.20 |
| V-65.0 | 12.25 | 12.29 | 12.42 | 12.76 | 12.99 | 13.22 | 13.00 | 12.38 | 11.72 | 10.78 | 9.95 | 9.61 | 9.67 |
| V-62.5 | 13.81 | 13.71 | 14.04 | 14.72 | 15.26 | 15.30 | 15.10 | 14.60 | 13.84 | 12.84 | 11.94 | 11.29 | 11.11 |
| V-60.0 | 15.67 | 15.71 | 16.06 | 16.92 | 17.48 | 17.86 | 17.73 | 17.15 | 16.15 | 15.03 | 14.04 | 13.51 | 13.37 |
| V-57.5 | 17.60 | 17.76 | 18.08 | 18.88 | 19.49 | 19.91 | 19.89 | 19.40 | 18.25 | 17.27 | 16.34 | 15.79 | 15.54 |
| V-55.0 | 21.25 | 21.45 | 21.94 | 22.68 | 23.24 | 23.55 | 23.48 | 22.84 | 21.58 | 20.39 | 19.44 | 18.81 | 18.69 |
| V-52.5 | 26.60 | 26.80 | 27.21 | 27.96 | 28.63 | 29.12 | 29.06 | 28.24 | 26.81 | 25.03 | 23.23 | 22.00 | 21.44 |
| V-50.0 | 30.42 | 30.47 | 30.88 | 31.54 | 32.30 | 32.71 | 32.50 | 31.68 | 30.29 | 28.46 | 26.41 | 25.04 | 24.12 |
| V-47.5 | 32.41 | 32.47 | 32.83 | 33.66 | 34.50 | 34.97 | 34.76 | 33.95 | 32.27 | 30.44 | 28.37 | 26.89 | 26.01 |
| V-45.0 | 34.21 | 34.19 | 34.87 | 35.65 | 36.51 | 36.51 | 36.17 | 35.15 | 33.53 | 31.44 | 29.32 | 27.58 | 26.59 |
| V-42.5 | 33.51 | 33.69 | 34.15 | 34.57 | 35.14 | 35.38 | 34.71 | 33.56 | 31.75 | 29.74 | 27.73 | 26.47 | 26.02 |
| V-40.0 | 31.70 | 31.76 | 32.22 | 32.91 | 33.54 | 33.67 | 33.05 | 31.74 | 29.80 | 27.76 | 26.12 | 25.11 | 24.94 |
| V-37.5 | 29.88 | 29.94 | 30.25 | 30.93 | 31.56 | 31.68 | 31.06 | 29.78 | 27.69 | 25.65 | 23.83 | 23.03 | 23.13 |
| V-35.0 | 27.50 | 27.53 | 27.89 | 28.37 | 29.02 | 29.02 | 28.52 | 27.18 | 25.28 | 23.19 | 21.65 | 20.92 | 21.15 |
| V-32.5 | 29.26 | 29.29 | 29.45 | 29.67 | 30.28 | 30.49 | 30.28 | 29.38 | 27.82 | 26.06 | 24.93 | 24.53 | 24.91 |
| V-30.0 | 82.54 | 81.16 | 81.62 | 82.42 | 84.09 | 82.96 | 80.65 | 78.04 | 77.62 | 78.37 | 76.51 | 73.70 | 70.97 |
| V-27.5 | 107.52 | 107.86 | 107.57 | 107.33 | 106.95 | 106.69 | 105.96 | 103.91 | 102.47 | 99.77 | 97.48 | 95.48 | 93.03 |
| V-25.0 | 109.59 | 109.58 | 109.51 | 109.09 | 109.00 | 108.76 | 107.78 | 105.88 | 103.63 | 101.21 | 99.01 | 97.16 | 94.82 |
| V-22.5 | 110.73 | 110.34 | 110.15 | 110.08 | 110.02 | 109.11 | 108.65 | 106.83 | 104.39 | 102.21 | 99.86 | 98.33 | 96.00 |
| V-20.0 | 112.74 | 112.74 | 112.34 | 112.50 | 111.34 | 110.73 | 109.53 | 108.52 | 106.19 | 104.13 | 102.48 | 100.65 | 98.46 |
| V-17.5 | 113.17 | 113.54 | 113.50 | 113.64 | 113.12 | 112.56 | 111.19 | 109.69 | 107.58 | 105.23 | 103.16 | 101.61 | 100.14 |
| V-15.0 | 110.72 | 111.18 | 111.65 | 111.49 | 110.84 | 110.26 | 109.76 | 107.92 | 105.69 | 104.15 | 102.82 | 101.36 | 99.62 |
| V-12.5 | 115.85 | 115.40 | 115.97 | 115.53 | 115.27 | 114.69 | 114.02 | 113.04 | 111.69 | 110.41 | 108.68 | 106.97 | 104.54 |
| V-10.0 | 126.71 | 126.59 | 126.85 | 126.81 | 126.17 | 125.36 | 124.83 | 123.20 | 121.97 | 120.33 | 118.93 | 116.00 | 112.34 |
| V -7.5 | 142.55 | 142.70 | 143.14 | 143.20 | 142.34 | 142.16 | 141.45 | 140.41 | 138.80 | 136.08 | 134.56 | 130.71 | 123.87 |
| V -5.0 | 162.11 | 161.92 | 160.82 | 161.08 | 160.85 | 160.84 | 161.75 | 160.91 | 159.58 | 157.15 | 153.70 | 147.51 | 137.49 |
| V -2.5 | 181.46 | 180.24 | 179.14 | 178.55 | 178.22 | 180.54 | 180.86 | 179.91 | 179.92 | 177.62 | 173.16 | 164.99 | 151.42 |
| V 0.0 | 207.95 | 207.28 | 207.06 | 206.03 | 206.41 | 206.28 | 207.18 | 204.75 | 202.71 | 202.82 | 198.59 | 188.85 | 172.31 |
| V 2.5 | 234.84 | 234.97 | 234.61 | 233.45 | 233.46 | 233.39 | 232.56 | 232.16 | 229.63 | 228.25 | 224.88 | 214.67 | 194.30 |
| V 5.0 | 245.12 | 245.94 | 246.69 | 246.66 | 245.79 | 245.59 | 243.73 | 242.45 | 241.46 | 241.25 | 239.47 | 231.77 | 211.89 |
| V 7.5 | 253.47 | 254.14 | 254.82 | 257.06 | 257.36 | 257.14 | 254.04 | 250.45 | 247.59 | 247.41 | 247.10 | 242.03 | 225.84 |
| V 10.0 | 251.62 | 251.51 | 252.52 | 256.02 | 254.62 | 256.48 | 257.11 | 254.38 | 252.91 | 253.22 | 254.02 | 248.18 | 234.33 |
| V 12.5 | 247.97 | 248.81 | 249.91 | 250.39 | 249.90 | 249.35 | 250.20 | 250.71 | 249.43 | 248.62 | 249.86 | 247.51 | 237.28 |
| V 15.0 | 249.70 | 250.57 | 251.69 | 252.01 | 251.89 | 250.19 | 248.75 | 246.73 | 245.21 | 246.89 | 248.18 | 248.17 | 241.50 |
| V 17.5 | 266.05 | 266.87 | 268.82 | 267.01 | 267.20 | 267.13 | 263.19 | 262.25 | 262.36 | 262.32 | 265.93 | 267.63 | 260.97 |
| V 20.0 | 285.06 | 285.10 | 287.24 | 287.61 | 288.34 | 287.80 | 287.11 | 286.80 | 286.07 | 286.59 | 288.25 | 292.43 | 289.97 |
| V 22.5 | 320.23 | 320.80 | 322.23 | 321.12 | 324.10 | 324.47 | 324.62 | 324.31 | 326.17 | 326.98 | 329.99 | 334.05 | 329.85 |
| V 25.0 | 354.92 | 357.93 | 360.24 | 361.25 | 362.93 | 364.11 | 365.14 | 364.73 | 365.71 | 370.47 | 374.77 | 376.95 | 373.71 |
| V 27.5 | 392.82 | 395.44 | 397.28 | 396.42 | 397.27 | 402.12 | 404.01 | 402.20 | 404.96 | 408.41 | 414.54 | 417.72 | 411.07 |
| V 30.0 | 430.17 | 429.31 | 430.50 | 432.08 | 431.74 | 432.61 | 434.09 | 436.03 | 439.96 | 443.34 | 449.38 | 454.43 | 448.30 |
| V 32.5 | 463.90 | 461.84 | 461.43 | 459.29 | 455.46 | 457.43 | 458.02 | 457.02 | 464.97 | 470.12 | 472.58 | 479.20 | 473.54 |
| V 35.0 | 474.52 | 477.06 | 478.44 | 478.68 | 479.27 | 479.02 | 475.81 | 474.91 | 474.43 | 479.17 | 485.77 | 487.94 | 477.73 |
| V 37.5 | 478.58 | 478.13 | 477.31 | 475.78 | 477.50 | 477.76 | 477.70 | 475.97 | 477.09 | 477.71 | 485.08 | 485.19 | 465.76 |
| V 40.0 | 443.96 | 444.53 | 448.28 | 450.37 | 447.78 | 445.64 | 444.82 | 446.82 | 448.17 | 447.61 | 452.35 | 450.96 | 420.83 |
| V 42.5 | 419.19 | 417.89 | 417.47 | 418.81 | 417.05 | 415.14 | 414.34 | 412.84 | 410.30 | 410.14 | 410.67 | 410.35 | 386.47 |
| V 45.0 | 369.82 | 368.36 | 367.21 | 366.60 | 366.79 | 364.58 | 362.78 | 361.29 | 359.69 | 359.14 | 358.63 | 351.65 | 327.36 |
| V 47.5 | 318.18 | 317.34 | 318.50 | 317.08 | 314.59 | 312.71 | 310.05 | 306.64 | 303.05 | 301.05 | 300.51 | 296.95 | 289.28 |
| V 50.0 | 279.22 | 280.27 | 281.00 | 278.04 | 274.06 | 268.39 | 265.50 | 262.74 | 259.59 | 257.31 | 256.11 | 254.23 | 252.00 |
| V 52.5 | 255.73 | 254.55 | 252.63 | 250.51 | 248.01 | 245.47 | 241.63 | 237.67 | 233.84 | 230.90 | 229.55 | 229.10 | 227.51 |
| V 55.0 | 224.87 | 221.26 | 219.29 | 217.28 | 214.78 | 212.68 | 213.74 | 210.30 | 204.90 | 200.66 | 199.37 | 197.11 | 195.85 |
| V 57.5 | 180.25 | 179.87 | 179.31 | 178.89 | 177.78 | 176.07 | 174.01 | 172.22 | 169.96 | 167.62 | 165.39 | 163.09 | 160.93 |
| V 60.0 | 142.54 | 139.90 | 139.06 | 139.05 | 140.86 | 139.28 | 137.95 | 135.63 | 133.90 | 132.65 | 134.40 | 130.94 | 126.07 |
| V 62.5 | 108.56 | 106.55 | 105.49 | 104.76 | 104.34 | 104.81 | 106.54 | 103.01 | 101.73 | 100.00 | 98.72 | 96.51 | 92.49 |
| V 65.0 | 42.32 | 43.09 | 42.91 | 43.42 | 44.16 | 45.78 | 42.45 | 36.83 | 31.63 | 36.14 | 43.03 | 42.62 | 37.54 |
| V 67.5 | 11.97 | 12.01 | 12.15 | 12.36 | 12.27 | 12.11 | 12.14 | 12.01 | 12.13 | 12.26 | 12.24 | 11.74 | 11.33 |
| V 70.0 | 7.42 | 7.40 | 7.41 | 7.40 | 7.38 | 7.33 | 7.26 | 7.26 | 7.25 | 7.19 | 7.09 | 6.99 | 7.09 |
| V 72.5 | 5.08 | 5.09 | 5.09 | 4.99 | 4.86 | 4.76 | 4.68 | 4.67 | 4.65 | 4.64 | 4.62 | 4.67 | 4.78 |
| V 75.0 | 3.82 | 3.83 | 3.80 | 3.74 | 3.66 | 3.57 | 3.49 | 3.41 | 3.35 | 3.34 | 3.35 | 3.37 | 3.41 |
| V 77.5 | 3.11 | 3.10 | 3.07 | 3.00 | 2.91 | 2.82 | 2.72 | 2.64 | 2.57 | 2.53 | 2.47 | 2.45 | 2.44 |
| V 80.0 | 2.33 | 2.31 | 2.28 | 2.23 | 2.17 | 2.09 | 2.02 | 1.95 | 1.89 | 1.84 | 1.80 | 1.78 | 1.76 |
| V 82.5 | 1.45 | 1.45 | 1.45 | 1.42 | 1.41 | 1.37 | 1.33 | 1.29 | 1.25 | 1.23 | 1.20 | 1.18 | 1.16 |
| V 85.0 | 0.91 | 0.90 | 0.90 | 0.89 | 0.88 | 0.88 | 0.86 | 0.85 | 0.84 | 0.83 | 0.83 | 0.82 | 0.81 |
| V 87.5 | 0.67 | 0.67 | 0.67 | 0.67 | 0.66 | 0.66 | 0.66 | 0.66 | 0.66 | 0.65 | 0.65 | 0.65 | 0.65 |
| V 90.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

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**Luminous Intensity Table cd/klm** **Table 2/3**

| | H 32.50 | H 35.00 | H 37.50 | H 40.00 | H 42.50 | H 45.00 | H 47.50 | H 50.00 | H 52.50 | H 55.00 | H 57.50 | H 60.00 | H 62.50 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| V-90.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| V-87.5 | 0.17 | 0.17 | 0.17 | 0.17 | 0.17 | 0.16 | 0.16 | 0.16 | 0.15 | 0.15 | 0.15 | 0.14 | 0.14 |
| V-85.0 | 0.27 | 0.27 | 0.27 | 0.28 | 0.27 | 0.27 | 0.27 | 0.26 | 0.25 | 0.24 | 0.23 | 0.22 | 0.20 |
| V-82.5 | 0.49 | 0.50 | 0.50 | 0.51 | 0.51 | 0.50 | 0.48 | 0.46 | 0.44 | 0.42 | 0.39 | 0.36 | 0.32 |
| V-80.0 | 0.96 | 0.98 | 0.98 | 0.98 | 0.96 | 0.93 | 0.89 | 0.83 | 0.78 | 0.73 | 0.68 | 0.61 | 0.54 |
| V-77.5 | 1.86 | 1.88 | 1.86 | 1.83 | 1.76 | 1.66 | 1.54 | 1.42 | 1.30 | 1.18 | 1.07 | 0.95 | 0.82 |
| V-75.0 | 3.12 | 3.12 | 3.10 | 3.04 | 2.90 | 2.71 | 2.50 | 2.27 | 2.06 | 1.85 | 1.64 | 1.44 | 1.24 |
| V-72.5 | 4.69 | 4.69 | 4.69 | 4.55 | 4.36 | 4.02 | 3.70 | 3.34 | 3.01 | 2.68 | 2.36 | 2.05 | 1.73 |
| V-70.0 | 6.41 | 6.43 | 6.39 | 6.22 | 5.97 | 5.59 | 5.16 | 4.71 | 4.23 | 3.75 | 3.30 | 2.83 | 2.39 |
| V-67.5 | 8.24 | 8.32 | 8.34 | 8.18 | 7.90 | 7.43 | 6.90 | 6.31 | 5.64 | 5.03 | 4.37 | 3.75 | 3.14 |
| V-65.0 | 9.63 | 9.70 | 9.79 | 9.65 | 9.30 | 8.89 | 8.33 | 7.65 | 6.97 | 6.28 | 5.49 | 4.72 | 3.92 |
| V-62.5 | 11.20 | 11.43 | 11.58 | 11.55 | 11.35 | 10.96 | 10.31 | 9.51 | 8.69 | 7.71 | 6.80 | 5.80 | 4.71 |
| V-60.0 | 13.44 | 13.65 | 13.79 | 13.84 | 13.57 | 13.07 | 12.35 | 11.45 | 10.51 | 9.41 | 8.29 | 7.08 | 5.77 |
| V-57.5 | 15.66 | 15.96 | 16.24 | 16.25 | 16.00 | 15.53 | 14.69 | 13.65 | 12.42 | 11.04 | 9.71 | 8.35 | 6.93 |
| V-55.0 | 18.92 | 19.21 | 19.46 | 19.55 | 19.29 | 18.72 | 17.73 | 16.47 | 14.90 | 13.36 | 11.59 | 9.83 | 8.17 |
| V-52.5 | 21.45 | 21.69 | 21.92 | 21.99 | 21.66 | 21.01 | 19.94 | 18.52 | 16.87 | 14.97 | 13.19 | 11.33 | 9.46 |
| V-50.0 | 23.89 | 24.00 | 24.17 | 24.17 | 23.77 | 22.99 | 21.79 | 20.33 | 18.44 | 16.43 | 14.44 | 12.54 | 10.63 |
| V-47.5 | 25.63 | 25.64 | 25.77 | 25.70 | 25.27 | 24.41 | 22.98 | 21.40 | 19.61 | 17.54 | 15.48 | 13.48 | 11.62 |
| V-45.0 | 26.57 | 26.78 | 27.02 | 26.92 | 26.40 | 25.24 | 23.83 | 22.04 | 20.17 | 18.27 | 16.34 | 14.50 | 12.85 |
| V-42.5 | 26.24 | 26.86 | 27.32 | 27.39 | 26.86 | 25.75 | 24.27 | 22.40 | 20.51 | 18.70 | 17.17 | 15.62 | 13.98 |
| V-40.0 | 25.51 | 26.37 | 27.01 | 27.23 | 26.83 | 25.66 | 24.18 | 22.29 | 20.68 | 19.50 | 18.29 | 16.88 | 15.43 |
| V-37.5 | 23.96 | 25.01 | 25.86 | 26.21 | 25.97 | 25.15 | 23.91 | 22.41 | 21.35 | 20.34 | 19.37 | 18.20 | 17.13 |
| V-35.0 | 22.21 | 23.31 | 24.14 | 24.67 | 24.73 | 24.39 | 23.54 | 22.80 | 22.42 | 21.68 | 20.57 | 19.85 | 18.78 |
| V-32.5 | 26.00 | 27.13 | 27.95 | 29.10 | 29.95 | 29.31 | 26.82 | 24.96 | 27.38 | 25.77 | 22.79 | 21.78 | 20.92 |
| V-30.0 | 71.32 | 70.94 | 70.36 | 68.58 | 61.91 | 53.31 | 42.59 | 35.96 | 37.11 | 33.75 | 25.73 | 23.73 | 22.64 |
| V-27.5 | 91.04 | 89.03 | 86.51 | 83.82 | 74.99 | 62.38 | 48.74 | 43.54 | 43.87 | 38.11 | 28.97 | 25.55 | 24.09 |
| V-25.0 | 93.32 | 90.97 | 88.33 | 85.49 | 78.79 | 66.97 | 52.15 | 47.82 | 44.02 | 41.51 | 33.73 | 27.35 | 25.87 |
| V-22.5 | 94.50 | 92.18 | 89.24 | 86.85 | 83.18 | 72.03 | 57.92 | 50.70 | 44.36 | 45.60 | 36.48 | 29.66 | 27.97 |
| V-20.0 | 96.83 | 94.18 | 91.33 | 89.52 | 86.94 | 76.96 | 65.53 | 57.72 | 53.77 | 52.47 | 41.23 | 32.19 | 29.96 |
| V-17.5 | 98.59 | 96.60 | 93.91 | 92.06 | 90.56 | 85.89 | 81.70 | 78.88 | 74.64 | 63.46 | 45.07 | 34.79 | 31.75 |
| V-15.0 | 97.72 | 95.14 | 92.92 | 91.73 | 91.54 | 89.72 | 88.31 | 86.39 | 80.58 | 67.35 | 49.50 | 37.49 | 33.29 |
| V-12.5 | 101.95 | 99.65 | 98.39 | 97.47 | 96.51 | 95.22 | 93.33 | 90.96 | 86.96 | 74.16 | 56.08 | 41.06 | 36.02 |
| V-10.0 | 108.10 | 105.11 | 103.94 | 102.86 | 102.33 | 100.96 | 99.79 | 97.52 | 93.00 | 78.89 | 60.93 | 44.86 | 38.52 |
| V -7.5 | 116.71 | 112.29 | 110.35 | 108.86 | 109.53 | 108.34 | 106.68 | 104.56 | 100.96 | 87.10 | 67.42 | 49.22 | 41.68 |
| V -5.0 | 127.92 | 121.52 | 118.32 | 117.46 | 117.61 | 116.29 | 114.20 | 111.90 | 107.84 | 92.27 | 72.99 | 53.76 | 44.81 |
| V -2.5 | 138.92 | 129.46 | 125.12 | 124.62 | 124.83 | 123.75 | 120.58 | 118.36 | 113.83 | 100.10 | 81.19 | 59.46 | 49.61 |
| V 0.0 | 153.33 | 139.15 | 133.06 | 131.78 | 130.84 | 130.02 | 127.66 | 122.22 | 117.43 | 103.24 | 84.98 | 63.96 | 53.03 |
| V 2.5 | 170.00 | 150.41 | 140.88 | 138.09 | 137.82 | 136.11 | 133.25 | 129.01 | 125.34 | 112.25 | 90.24 | 70.78 | 59.42 |
| V 5.0 | 184.88 | 160.71 | 147.72 | 143.71 | 143.82 | 142.18 | 139.60 | 136.33 | 131.38 | 116.99 | 97.15 | 76.88 | 64.47 |
| V 7.5 | 197.06 | 168.49 | 153.21 | 151.07 | 150.04 | 149.10 | 144.79 | 141.56 | 136.10 | 120.55 | 100.42 | 82.67 | 70.68 |
| V 10.0 | 208.69 | 177.67 | 163.75 | 157.62 | 156.06 | 155.41 | 152.16 | 147.85 | 141.78 | 127.77 | 105.75 | 88.16 | 75.94 |
| V 12.5 | 216.97 | 187.76 | 172.60 | 167.25 | 165.13 | 162.14 | 157.86 | 154.89 | 149.16 | 134.45 | 109.56 | 93.65 | 80.44 |
| V 15.0 | 221.63 | 199.49 | 183.56 | 180.16 | 175.09 | 170.77 | 165.95 | 160.38 | 153.58 | 138.20 | 113.34 | 97.84 | 84.44 |
| V 17.5 | 242.91 | 220.04 | 205.66 | 199.40 | 190.47 | 181.97 | 175.19 | 169.94 | 160.68 | 142.48 | 118.05 | 102.57 | 89.23 |
| V 20.0 | 269.61 | 244.67 | 228.82 | 216.73 | 203.58 | 192.89 | 185.04 | 177.22 | 164.03 | 145.44 | 118.91 | 104.53 | 91.67 |
| V 22.5 | 312.64 | 282.44 | 259.63 | 237.89 | 218.21 | 205.36 | 195.83 | 187.31 | 172.97 | 148.91 | 124.34 | 109.76 | 93.89 |
| V 25.0 | 349.85 | 312.84 | 283.49 | 254.74 | 232.42 | 215.42 | 204.47 | 192.70 | 175.70 | 148.08 | 125.71 | 111.69 | 95.82 |
| V 27.5 | 385.48 | 343.53 | 302.97 | 268.64 | 243.12 | 225.99 | 212.72 | 199.49 | 178.03 | 148.33 | 126.92 | 112.16 | 95.81 |
| V 30.0 | 419.65 | 367.02 | 316.02 | 279.11 | 251.62 | 231.41 | 217.93 | 200.86 | 177.33 | 147.68 | 127.36 | 112.06 | 95.53 |
| V 32.5 | 437.64 | 373.61 | 314.64 | 278.12 | 251.51 | 233.72 | 219.93 | 197.74 | 170.37 | 142.06 | 125.15 | 109.78 | 92.23 |
| V 35.0 | 429.98 | 364.72 | 305.72 | 277.28 | 252.45 | 233.16 | 215.42 | 191.96 | 164.04 | 137.47 | 122.73 | 107.98 | 90.46 |
| V 37.5 | 410.40 | 346.04 | 301.43 | 274.69 | 251.39 | 233.21 | 212.02 | 182.90 | 150.66 | 130.28 | 117.42 | 102.66 | 84.14 |
| V 40.0 | 374.13 | 320.41 | 292.73 | 268.75 | 241.66 | 223.29 | 198.18 | 166.74 | 138.07 | 123.69 | 113.59 | 98.33 | 81.13 |
| V 42.5 | 341.94 | 306.85 | 286.50 | 261.31 | 238.97 | 215.54 | 184.72 | 148.53 | 126.25 | 116.38 | 106.49 | 91.08 | 73.58 |
| V 45.0 | 302.96 | 281.09 | 263.31 | 239.14 | 217.11 | 190.80 | 157.95 | 126.15 | 113.90 | 105.73 | 95.97 | 83.16 | 67.32 |
| V 47.5 | 274.73 | 260.41 | 241.38 | 219.65 | 194.72 | 166.11 | 127.34 | 106.46 | 100.59 | 94.70 | 86.18 | 72.61 | 58.40 |
| V 50.0 | 245.77 | 235.61 | 219.76 | 193.57 | 163.17 | 126.91 | 98.41 | 91.17 | 87.21 | 82.38 | 74.64 | 63.70 | 51.55 |
| V 52.5 | 222.02 | 210.17 | 190.28 | 157.79 | 123.91 | 90.39 | 81.07 | 77.53 | 73.59 | 69.51 | 62.90 | 54.87 | 45.06 |
| V 55.0 | 191.73 | 180.50 | 153.70 | 118.49 | 84.42 | 69.42 | 66.94 | 65.05 | 62.01 | 58.38 | 54.31 | 47.14 | 38.57 |
| V 57.5 | 154.06 | 137.91 | 110.43 | 76.70 | 60.22 | 57.74 | 55.44 | 53.86 | 52.44 | 49.25 | 44.94 | 39.15 | 32.18 |
| V 60.0 | 117.04 | 96.46 | 68.41 | 48.21 | 46.62 | 46.76 | 44.75 | 43.04 | 41.09 | 39.14 | 36.25 | 31.74 | 25.54 |
| V 62.5 | 78.43 | 52.70 | 33.83 | 33.00 | 33.74 | 34.09 | 33.92 | 32.95 | 31.38 | 30.00 | 28.12 | 24.21 | 19.20 |
| V 65.0 | 27.65 | 21.01 | 21.32 | 22.56 | 23.48 | 23.73 | 23.75 | 23.28 | 22.12 | 21.04 | 19.65 | 17.22 | 13.43 |
| V 67.5 | 11.65 | 12.52 | 13.81 | 15.03 | 15.74 | 15.89 | 16.01 | 15.79 | 15.40 | 14.18 | 12.88 | 11.04 | 8.88 |
| V 70.0 | 7.49 | 8.16 | 8.85 | 9.42 | 9.81 | 10.04 | 10.23 | 10.17 | 9.69 | 8.97 | 7.91 | 6.73 | 5.49 |
| V 72.5 | 4.96 | 5.21 | 5.53 | 5.80 | 6.04 | 6.16 | 6.14 | 6.10 | 5.80 | 5.16 | 4.52 | 3.96 | 3.38 |
| V 75.0 | 3.47 | 3.56 | 3.64 | 3.68 | 3.68 | 3.63 | 3.62 | 3.56 | 3.33 | 3.03 | 2.71 | 2.44 | 2.16 |
| V 77.5 | 2.43 | 2.41 | 2.37 | 2.32 | 2.27 | 2.20 | 2.13 | 2.06 | 1.94 | 1.80 | 1.66 | 1.53 | 1.41 |
| V 80.0 | 1.72 | 1.67 | 1.62 | 1.56 | 1.48 | 1.42 | 1.36 | 1.30 | 1.24 | 1.18 | 1.11 | 1.05 | 0.99 |
| V 82.5 | 1.14 | 1.11 | 1.07 | 1.03 | 1.00 | 0.96 | 0.92 | 0.89 | 0.86 | 0.82 | 0.79 | 0.75 | 0.72 |
| V 85.0 | 0.80 | 0.78 | 0.77 | 0.75 | 0.73 | 0.71 | 0.69 | 0.68 | 0.66 | 0.64 | 0.62 | 0.60 | 0.58 |
| V 87.5 | 0.64 | 0.64 | 0.63 | 0.62 | 0.61 | 0.60 | 0.59 | 0.58 | 0.57 | 0.56 | 0.54 | 0.53 | 0.51 |
| V 90.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

**Luminaire**
Code 231233.110
Name CONTINENTAL AS HQI-T 1000W D
**Measurem.**
Code CL2303/07-88A
Name CONTINENTAL AS MT1000W

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Luminaire Flux | 53883.29 lm | Luminaire Power | 1000.00 W | Efficacy | 53.88 lm/W | Efficiency | 63.39% |
| Lamps Flux | 85000.00 lm | Maximum value | 487.94 cd/klm | Position | H=27.50 V=35.00 | VH | VH symm in H0 |

**Luminous Intensity Table cd/klm** **Table 3/3**

| | H 65.00 | H 67.50 | H 70.00 | H 72.50 | H 75.00 | H 77.50 | H 80.00 | H 82.50 | H 85.00 | H 87.50 | H 90.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| V-90.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| V-87.5 | 0.14 | 0.14 | 0.13 | 0.13 | 0.13 | 0.12 | 0.12 | 0.12 | 0.12 | 0.11 | 0.00 |
| V-85.0 | 0.19 | 0.18 | 0.17 | 0.16 | 0.15 | 0.14 | 0.14 | 0.13 | 0.13 | 0.12 | 0.00 |
| V-82.5 | 0.29 | 0.26 | 0.24 | 0.21 | 0.19 | 0.18 | 0.16 | 0.15 | 0.14 | 0.12 | 0.00 |
| V-80.0 | 0.47 | 0.40 | 0.34 | 0.29 | 0.25 | 0.21 | 0.19 | 0.17 | 0.15 | 0.13 | 0.00 |
| V-77.5 | 0.70 | 0.57 | 0.47 | 0.39 | 0.32 | 0.27 | 0.23 | 0.19 | 0.16 | 0.13 | 0.00 |
| V-75.0 | 1.03 | 0.84 | 0.67 | 0.53 | 0.42 | 0.34 | 0.27 | 0.22 | 0.18 | 0.14 | 0.00 |
| V-72.5 | 1.43 | 1.14 | 0.90 | 0.69 | 0.53 | 0.41 | 0.32 | 0.25 | 0.19 | 0.15 | 0.00 |
| V-70.0 | 1.95 | 1.54 | 1.19 | 0.91 | 0.68 | 0.52 | 0.39 | 0.29 | 0.21 | 0.15 | 0.00 |
| V-67.5 | 2.55 | 2.00 | 1.52 | 1.15 | 0.85 | 0.63 | 0.46 | 0.33 | 0.23 | 0.16 | 0.00 |
| V-65.0 | 3.14 | 2.49 | 1.90 | 1.42 | 1.05 | 0.77 | 0.54 | 0.37 | 0.25 | 0.17 | 0.00 |
| V-62.5 | 3.78 | 2.98 | 2.26 | 1.67 | 1.22 | 0.89 | 0.62 | 0.41 | 0.26 | 0.17 | 0.00 |
| V-60.0 | 4.64 | 3.62 | 2.75 | 2.03 | 1.47 | 1.06 | 0.73 | 0.48 | 0.29 | 0.18 | 0.00 |
| V-57.5 | 5.51 | 4.33 | 3.31 | 2.47 | 1.77 | 1.26 | 0.86 | 0.55 | 0.32 | 0.19 | 0.00 |
| V-55.0 | 6.53 | 5.16 | 3.87 | 2.86 | 2.08 | 1.49 | 1.00 | 0.61 | 0.35 | 0.20 | 0.00 |
| V-52.5 | 7.66 | 6.06 | 4.64 | 3.51 | 2.47 | 1.75 | 1.17 | 0.71 | 0.38 | 0.20 | 0.00 |
| V-50.0 | 8.70 | 6.94 | 5.43 | 4.06 | 2.94 | 2.04 | 1.35 | 0.77 | 0.42 | 0.22 | 0.00 |
| V-47.5 | 9.69 | 7.74 | 6.09 | 4.64 | 3.44 | 2.37 | 1.50 | 0.85 | 0.43 | 0.21 | 0.00 |
| V-45.0 | 11.08 | 9.10 | 7.30 | 5.48 | 4.09 | 2.71 | 1.70 | 0.96 | 0.48 | 0.24 | 0.00 |
| V-42.5 | 12.24 | 10.23 | 8.31 | 6.42 | 4.72 | 3.10 | 1.90 | 1.05 | 0.51 | 0.24 | 0.00 |
| V-40.0 | 13.83 | 11.84 | 9.96 | 7.68 | 5.57 | 3.61 | 2.17 | 1.19 | 0.54 | 0.25 | 0.00 |
| V-37.5 | 15.57 | 13.60 | 11.47 | 8.88 | 6.39 | 4.04 | 2.39 | 1.26 | 0.55 | 0.24 | 0.00 |
| V-35.0 | 17.31 | 15.28 | 12.89 | 10.24 | 7.45 | 4.67 | 2.65 | 1.35 | 0.60 | 0.25 | 0.00 |
| V-32.5 | 18.97 | 16.91 | 14.43 | 11.66 | 8.60 | 5.25 | 2.84 | 1.44 | 0.60 | 0.25 | 0.00 |
| V-30.0 | 20.84 | 18.70 | 16.04 | 12.90 | 9.46 | 5.86 | 3.09 | 1.52 | 0.66 | 0.27 | 0.00 |
| V-27.5 | 22.32 | 20.19 | 17.43 | 14.36 | 10.66 | 6.62 | 3.36 | 1.60 | 0.65 | 0.24 | 0.00 |
| V-25.0 | 23.83 | 21.95 | 19.16 | 15.86 | 11.86 | 7.33 | 3.82 | 1.68 | 0.69 | 0.28 | 0.00 |
| V-22.5 | 25.73 | 23.47 | 20.40 | 16.95 | 12.85 | 7.84 | 4.01 | 1.74 | 0.67 | 0.26 | 0.00 |
| V-20.0 | 27.59 | 25.14 | 22.28 | 18.55 | 14.29 | 8.90 | 4.32 | 1.82 | 0.68 | 0.27 | 0.00 |
| V-17.5 | 29.51 | 26.87 | 23.56 | 19.77 | 14.88 | 9.50 | 4.57 | 1.80 | 0.68 | 0.26 | 0.00 |
| V-15.0 | 30.73 | 28.02 | 24.74 | 20.49 | 15.69 | 10.21 | 4.76 | 1.84 | 0.71 | 0.26 | 0.00 |
| V-12.5 | 32.93 | 29.56 | 26.26 | 21.64 | 16.43 | 10.12 | 4.78 | 1.83 | 0.69 | 0.25 | 0.00 |
| V-10.0 | 34.90 | 31.82 | 28.51 | 23.25 | 17.23 | 10.79 | 4.91 | 1.93 | 0.73 | 0.27 | 0.00 |
| V -7.5 | 37.03 | 33.68 | 29.55 | 24.17 | 17.91 | 11.23 | 5.16 | 1.93 | 0.71 | 0.25 | 0.00 |
| V -5.0 | 39.81 | 36.01 | 31.53 | 25.35 | 18.36 | 11.64 | 5.38 | 2.12 | 0.78 | 0.27 | 0.00 |
| V -2.5 | 43.42 | 38.79 | 33.31 | 26.49 | 19.28 | 11.35 | 5.48 | 2.05 | 0.69 | 0.25 | 0.00 |
| V 0.0 | 45.92 | 40.60 | 34.85 | 27.31 | 19.51 | 11.58 | 5.37 | 2.14 | 0.75 | 0.26 | 0.00 |
| V 2.5 | 49.95 | 43.26 | 36.17 | 27.77 | 19.48 | 11.76 | 5.36 | 2.15 | 0.77 | 0.25 | 0.00 |
| V 5.0 | 54.08 | 46.18 | 38.08 | 28.40 | 19.74 | 11.89 | 5.33 | 2.22 | 0.78 | 0.27 | 0.00 |
| V 7.5 | 58.37 | 49.41 | 39.58 | 29.08 | 19.95 | 11.62 | 5.41 | 2.30 | 0.82 | 0.24 | 0.00 |
| V 10.0 | 63.23 | 52.24 | 41.27 | 30.29 | 20.65 | 11.74 | 5.38 | 2.22 | 0.84 | 0.27 | 0.00 |
| V 12.5 | 67.27 | 55.25 | 42.22 | 30.00 | 20.03 | 11.06 | 5.16 | 2.10 | 0.79 | 0.26 | 0.00 |
| V 15.0 | 70.97 | 57.22 | 43.31 | 30.86 | 20.29 | 11.47 | 5.08 | 2.25 | 0.84 | 0.28 | 0.00 |
| V 17.5 | 74.08 | 59.25 | 44.18 | 30.72 | 19.61 | 10.95 | 5.05 | 2.14 | 0.79 | 0.27 | 0.00 |
| V 20.0 | 75.25 | 60.67 | 44.86 | 30.66 | 19.25 | 10.52 | 4.84 | 1.99 | 0.76 | 0.28 | 0.00 |
| V 22.5 | 77.83 | 61.36 | 44.56 | 30.47 | 19.24 | 10.14 | 4.80 | 1.97 | 0.74 | 0.26 | 0.00 |
| V 25.0 | 78.38 | 60.98 | 44.34 | 30.32 | 18.38 | 9.87 | 4.54 | 2.04 | 0.75 | 0.27 | 0.00 |
| V 27.5 | 77.74 | 60.01 | 42.80 | 29.34 | 17.33 | 9.52 | 4.34 | 1.88 | 0.67 | 0.26 | 0.00 |
| V 30.0 | 76.87 | 59.15 | 41.46 | 27.01 | 16.54 | 8.72 | 4.17 | 1.75 | 0.67 | 0.27 | 0.00 |
| V 32.5 | 73.92 | 55.75 | 39.26 | 24.95 | 15.42 | 8.16 | 4.05 | 1.66 | 0.65 | 0.26 | 0.00 |
| V 35.0 | 70.18 | 52.73 | 37.51 | 24.15 | 14.19 | 7.55 | 3.73 | 1.59 | 0.64 | 0.26 | 0.00 |
| V 37.5 | 65.13 | 50.38 | 35.81 | 22.94 | 12.94 | 6.97 | 3.55 | 1.50 | 0.63 | 0.27 | 0.00 |
| V 40.0 | 62.18 | 47.56 | 33.43 | 20.80 | 11.83 | 6.41 | 3.09 | 1.42 | 0.60 | 0.28 | 0.00 |
| V 42.5 | 57.17 | 42.98 | 29.85 | 18.28 | 10.58 | 5.68 | 2.84 | 1.31 | 0.57 | 0.29 | 0.00 |
| V 45.0 | 50.86 | 39.39 | 27.38 | 16.09 | 9.40 | 5.06 | 2.59 | 1.25 | 0.56 | 0.30 | 0.00 |
| V 47.5 | 45.56 | 34.53 | 23.47 | 13.89 | 8.15 | 4.60 | 2.35 | 1.14 | 0.53 | 0.30 | 0.00 |
| V 50.0 | 40.12 | 30.03 | 19.87 | 12.13 | 7.29 | 4.03 | 2.13 | 1.04 | 0.52 | 0.30 | 0.00 |
| V 52.5 | 35.13 | 25.61 | 16.93 | 10.33 | 6.23 | 3.50 | 1.84 | 0.94 | 0.49 | 0.30 | 0.00 |
| V 55.0 | 29.37 | 20.76 | 13.61 | 8.33 | 5.21 | 3.08 | 1.64 | 0.88 | 0.48 | 0.30 | 0.00 |
| V 57.5 | 24.77 | 16.28 | 10.51 | 6.71 | 4.35 | 2.55 | 1.43 | 0.79 | 0.45 | 0.31 | 0.00 |
| V 60.0 | 18.59 | 12.48 | 8.11 | 5.45 | 3.60 | 2.21 | 1.28 | 0.73 | 0.44 | 0.32 | 0.00 |
| V 62.5 | 13.59 | 9.16 | 6.13 | 4.33 | 2.94 | 1.80 | 1.11 | 0.65 | 0.42 | 0.32 | 0.00 |
| V 65.0 | 9.46 | 6.48 | 4.61 | 3.36 | 2.39 | 1.53 | 0.95 | 0.60 | 0.42 | 0.33 | 0.00 |
| V 67.5 | 6.35 | 4.60 | 3.49 | 2.63 | 1.89 | 1.23 | 0.79 | 0.54 | 0.40 | 0.33 | 0.00 |
| V 70.0 | 4.29 | 3.28 | 2.60 | 2.02 | 1.48 | 1.02 | 0.70 | 0.50 | 0.39 | 0.34 | 0.00 |
| V 72.5 | 2.82 | 2.32 | 1.91 | 1.52 | 1.14 | 0.82 | 0.60 | 0.46 | 0.38 | 0.34 | 0.00 |
| V 75.0 | 1.89 | 1.64 | 1.40 | 1.13 | 0.90 | 0.70 | 0.54 | 0.43 | 0.38 | 0.35 | 0.00 |
| V 77.5 | 1.30 | 1.17 | 1.01 | 0.86 | 0.71 | 0.58 | 0.48 | 0.42 | 0.38 | 0.36 | 0.00 |
| V 80.0 | 0.92 | 0.85 | 0.76 | 0.67 | 0.58 | 0.51 | 0.45 | 0.41 | 0.38 | 0.37 | 0.00 |
| V 82.5 | 0.68 | 0.64 | 0.59 | 0.55 | 0.50 | 0.46 | 0.43 | 0.40 | 0.39 | 0.38 | 0.00 |
| V 85.0 | 0.56 | 0.53 | 0.51 | 0.48 | 0.46 | 0.44 | 0.42 | 0.42 | 0.41 | 0.41 | 0.00 |
| V 87.5 | 0.50 | 0.49 | 0.47 | 0.46 | 0.45 | 0.45 | 0.44 | 0.44 | 0.44 | 0.43 | 0.00 |
| V 90.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |