

## Lichttechnischer Prüfbefund

**Familie**  
**Licross® 11 Recessed**

**Bestell-Nr.: 51TE12VN465G**  
**EAN: 4058352972236**

**LP-Nummer**  
**58637\_268**

**Seriendokumentation**  
**13.11.2025**



**Ausführung** Abdeckung satiniert, breit strahlend, hoher Sehkomfort

**Bestückung** LED 4000 K | CRI ≥ 80

**Betriebsgerät** EVG-DALI CLO

**Bemessungswerte** Nettolichtstrom = 6500 lm  
Systemleistung = 34.3 W  
Lichtausbeute = 189.5 lm/W

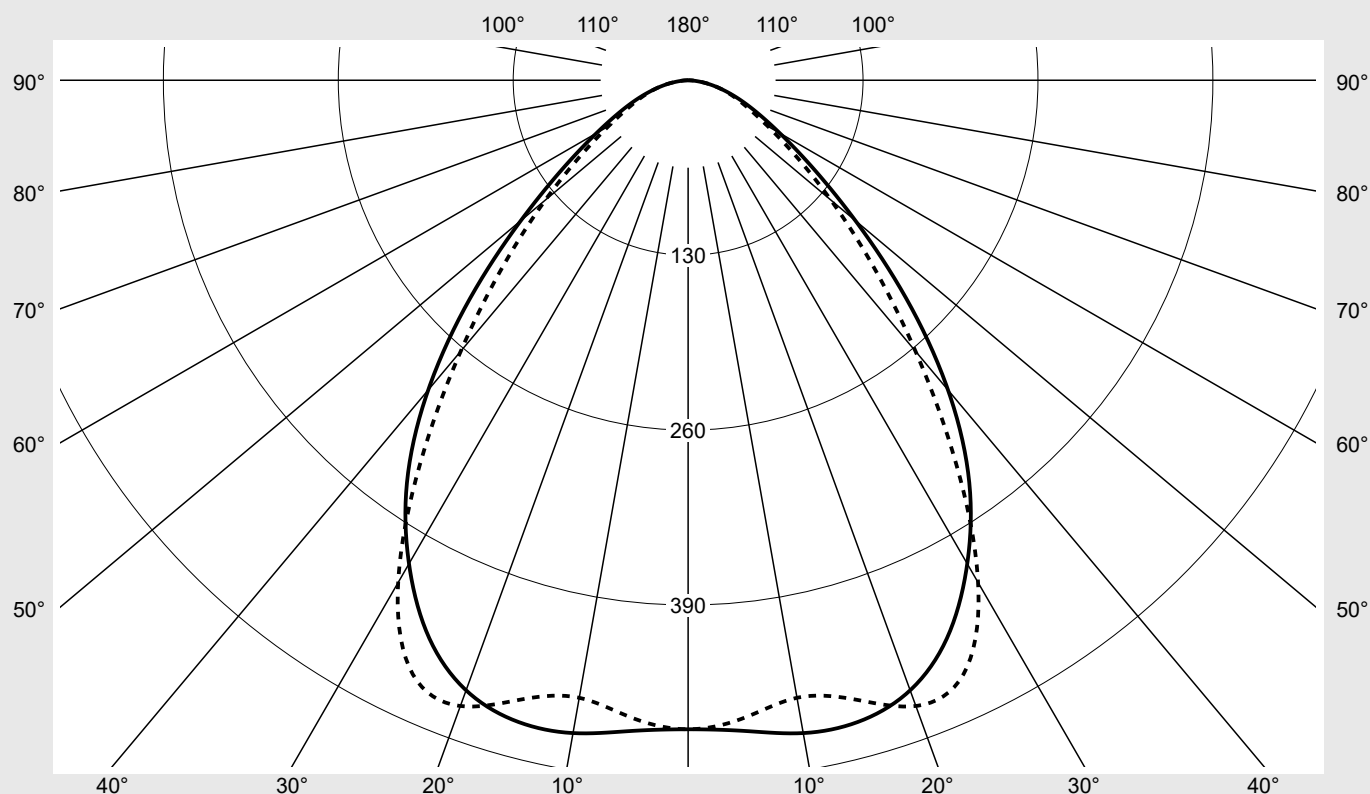
**siteco**

**Lichtstärke in cd/klm**

**C180-0**

**C270-90**

**Imax: 498 cd/klm**



### Klassifizierungen

DIN 5040 A 5 0  
CIE N1=67 N2=92 N3=99  
N4=100 N5=100

### Leuchtenbetriebswirkungsgrade

$\eta_{LB}$  100,0%  
 $\phi_u$  100,0%  
 $\phi_o$  0,0%

### Messbedingungen

DIN EN 13032 und DIN 5032

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|                                 |                                                 |                                |
|---------------------------------|-------------------------------------------------|--------------------------------|
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| Wertetabelle Lichtstärkemessung |                                                 | Maximale Lichtstärke<br>siteco |

| C-<br>Ebenen | 0°<br>180°            | 15°<br>165°<br>195°<br>345° | 30°<br>150°<br>210°<br>330° | 45°<br>135°<br>225°<br>315° | 60°<br>120°<br>240°<br>300° | 75°<br>105°<br>255°<br>285° | 90°<br>270° | Phi-Zone             | Summe<br>Phi-Zone |
|--------------|-----------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-------------|----------------------|-------------------|
| γ            | Lichtstärke in cd/klm |                             |                             |                             |                             |                             |             | Lichtstrom in lm/klm |                   |
| 0°           | 482.3                 | 482.3                       | 482.3                       | 482.3                       | 482.3                       | 482.3                       | 482.3       | 2.9                  | 2.9               |
| 5°           | 485.4                 | 482.8                       | 478.2                       | 477.5                       | 477.4                       | 475.9                       | 475.7       | 22.9                 | 25.8              |
| 10°          | 492.7                 | 488.2                       | 477.9                       | 471.3                       | 467.6                       | 465.9                       | 466.0       | 45.2                 | 71.0              |
| 15°          | 493.2                 | 486.1                       | 471.9                       | 467.9                       | 471.0                       | 473.7                       | 476.3       | 67.5                 | 138.5             |
| 20°          | 482.5                 | 473.5                       | 462.5                       | 471.9                       | 487.1                       | 492.8                       | 494.9       | 89.9                 | 228.4             |
| 25°          | 456.4                 | 447.1                       | 449.2                       | 479.4                       | 497.6                       | 491.1                       | 485.8       | 109.5                | 337.8             |
| 30°          | 414.9                 | 406.8                       | 427.0                       | 475.1                       | 479.0                       | 447.1                       | 431.1       | 121.4                | 459.2             |
| 35°          | 364.2                 | 358.0                       | 387.7                       | 436.7                       | 420.7                       | 368.9                       | 346.8       | 122.0                | 581.2             |
| 40°          | 300.5                 | 296.3                       | 322.5                       | 357.9                       | 336.0                       | 284.8                       | 262.9       | 110.4                | 691.6             |
| 45°          | 229.2                 | 226.3                       | 238.5                       | 259.8                       | 247.2                       | 211.8                       | 193.4       | 90.1                 | 781.7             |
| 50°          | 162.3                 | 159.3                       | 161.6                       | 173.6                       | 174.5                       | 155.2                       | 138.5       | 68.2                 | 849.9             |
| 55°          | 112.5                 | 108.0                       | 105.1                       | 112.3                       | 121.6                       | 110.9                       | 97.2        | 49.6                 | 899.5             |
| 60°          | 78.7                  | 73.1                        | 68.3                        | 73.1                        | 83.7                        | 77.4                        | 68.5        | 35.5                 | 935.0             |
| 65°          | 56.0                  | 50.2                        | 45.0                        | 48.4                        | 56.8                        | 54.5                        | 49.6        | 25.5                 | 960.5             |
| 70°          | 39.5                  | 34.5                        | 29.5                        | 32.1                        | 37.8                        | 38.5                        | 36.6        | 18.1                 | 978.6             |
| 75°          | 26.0                  | 22.0                        | 18.4                        | 20.2                        | 23.9                        | 25.9                        | 25.8        | 12.0                 | 990.6             |
| 80°          | 14.9                  | 12.2                        | 9.9                         | 10.8                        | 13.0                        | 14.8                        | 15.3        | 6.8                  | 997.4             |
| 85°          | 5.4                   | 4.3                         | 3.6                         | 4.0                         | 4.7                         | 5.6                         | 5.8         | 2.5                  | 1000.0            |
| 90°          | 0.0                   | 0.0                         | 0.0                         | 0.0                         | 0.0                         | 0.0                         | 0.0         | 0.0                  | 1000.0            |
| 180°         | 0.0                   | 0.0                         | 0.0                         | 0.0                         | 0.0                         | 0.0                         | 0.0         | 0.0                  | 1000.0            |

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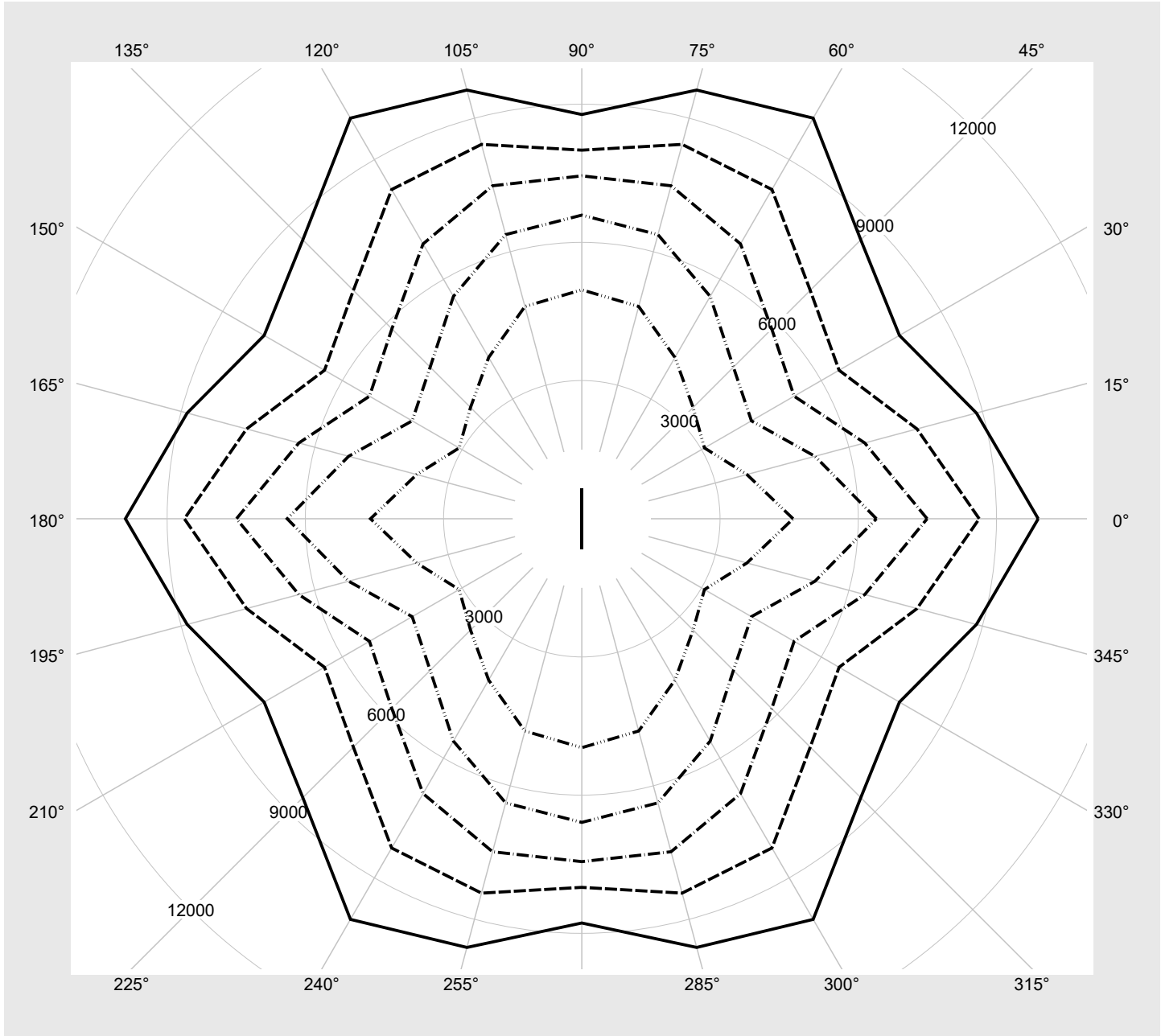
|                                 |     |                                                 |      |      |      |      |                                       |      |                        |      |
|---------------------------------|-----|-------------------------------------------------|------|------|------|------|---------------------------------------|------|------------------------|------|
| Familie<br>Licross® 11 Recessed |     | Bestell-Nr.: 51TE12VN465G<br>EAN: 4058352972236 |      |      |      |      |                                       |      | LP-Nummer<br>58637_268 |      |
| UGR-Tabelle                     |     | Standardraum                                    |      |      |      |      |                                       |      | siteco                 |      |
| Reflexionsgrad Decke            | 0,7 | 0,7                                             | 0,5  | 0,5  | 0,3  | 0,7  | 0,7                                   | 0,5  | 0,5                    | 0,3  |
| Reflexionsgrad Wände            | 0,5 | 0,3                                             | 0,5  | 0,3  | 0,3  | 0,5  | 0,3                                   | 0,5  | 0,3                    | 0,3  |
| Reflexionsgrad Boden            | 0,2 | 0,2                                             | 0,2  | 0,2  | 0,2  | 0,2  | 0,2                                   | 0,2  | 0,2                    | 0,2  |
| Raumabmessungen                 |     | Blickrichtung quer zur Leuchte (C0)             |      |      |      |      | Blickrichtung längs zur Leuchte (C90) |      |                        |      |
| x                               | y   |                                                 |      |      |      |      |                                       |      |                        |      |
| 2H                              | 2H  | 21,1                                            | 22,6 | 21,5 | 22,9 | 23,2 | 21,2                                  | 22,7 | 21,6                   | 23,0 |
|                                 | 3H  | 21,7                                            | 23,0 | 22,0 | 23,3 | 23,7 | 21,8                                  | 23,1 | 22,2                   | 23,4 |
|                                 | 4H  | 21,9                                            | 23,1 | 22,3 | 23,5 | 23,8 | 22,0                                  | 23,2 | 22,4                   | 23,6 |
|                                 | 6H  | 22,0                                            | 23,2 | 22,5 | 23,5 | 23,9 | 22,2                                  | 23,3 | 22,6                   | 23,7 |
|                                 | 8H  | 22,1                                            | 23,2 | 22,6 | 23,6 | 24,0 | 22,3                                  | 23,3 | 22,7                   | 23,7 |
|                                 | 12H | 22,2                                            | 23,1 | 22,6 | 23,5 | 23,9 | 22,3                                  | 23,3 | 22,8                   | 23,7 |
| 4H                              | 2H  | 21,4                                            | 22,6 | 21,7 | 22,9 | 23,3 | 21,4                                  | 22,7 | 21,8                   | 23,0 |
|                                 | 3H  | 22,0                                            | 23,0 | 22,4 | 23,4 | 23,8 | 22,2                                  | 23,2 | 22,6                   | 23,6 |
|                                 | 4H  | 22,2                                            | 23,2 | 22,7 | 23,6 | 24,0 | 22,5                                  | 23,4 | 22,9                   | 23,8 |
|                                 | 6H  | 22,5                                            | 23,3 | 22,9 | 23,7 | 24,2 | 22,8                                  | 23,6 | 23,2                   | 24,0 |
|                                 | 8H  | 22,5                                            | 23,3 | 23,0 | 23,7 | 24,2 | 22,9                                  | 23,6 | 23,3                   | 24,0 |
|                                 | 12H | 22,6                                            | 23,2 | 23,1 | 23,7 | 24,2 | 22,9                                  | 23,6 | 23,4                   | 24,0 |
| 8H                              | 4H  | 22,3                                            | 23,0 | 22,8 | 23,5 | 23,9 | 22,5                                  | 23,3 | 23,0                   | 23,7 |
|                                 | 6H  | 22,6                                            | 23,2 | 23,1 | 23,6 | 24,1 | 22,9                                  | 23,5 | 23,4                   | 23,9 |
|                                 | 8H  | 22,7                                            | 23,2 | 23,2 | 23,7 | 24,2 | 23,0                                  | 23,5 | 23,5                   | 24,0 |
|                                 | 12H | 22,7                                            | 23,2 | 23,3 | 23,7 | 24,2 | 23,1                                  | 23,5 | 23,6                   | 24,0 |
| 12H                             | 4H  | 22,3                                            | 22,9 | 22,8 | 23,4 | 23,9 | 22,6                                  | 23,2 | 23,0                   | 23,6 |
|                                 | 6H  | 22,6                                            | 23,1 | 23,1 | 23,6 | 24,1 | 22,9                                  | 23,4 | 23,4                   | 23,9 |
|                                 | 8H  | 22,7                                            | 23,1 | 23,2 | 23,6 | 24,2 | 23,0                                  | 23,5 | 23,6                   | 24,0 |

| Leuchtdichten-Tabelle |                       | Max. für $\gamma \geq 65^\circ$ |                             | Lichttechnische<br>Abmessungen in mm: |                             | L = 1500<br>B = 58          |             |
|-----------------------|-----------------------|---------------------------------|-----------------------------|---------------------------------------|-----------------------------|-----------------------------|-------------|
| C-<br>Ebenen          | 0°<br>180°            | 15°<br>165°<br>195°<br>345°     | 30°<br>150°<br>210°<br>330° | 45°<br>135°<br>225°<br>315°           | 60°<br>120°<br>240°<br>300° | 75°<br>105°<br>255°<br>285° | 90°<br>270° |
| $\gamma$              | Leuchtdichte in cd/m² |                                 |                             |                                       |                             |                             |             |
| 45°                   | 24212.2               | 23911.3                         | 25200.7                     | 27449.0                               | 26115.4                     | 22382.9                     | 20429.6     |
| 50°                   | 18864.6               | 18520.4                         | 18783.4                     | 20182.3                               | 20286.2                     | 18043.3                     | 16099.1     |
| 55°                   | 14651.6               | 14066.0                         | 13691.4                     | 14633.5                               | 15844.8                     | 14451.6                     | 12658.3     |
| 60°                   | 11761.3               | 10929.1                         | 10209.3                     | 10927.9                               | 12500.2                     | 11560.4                     | 10228.2     |
| 65°                   | 9906.0                | 8867.4                          | 7960.5                      | 8562.8                                | 10042.8                     | 9634.6                      | 8775.6      |
| 70°                   | 8625.5                | 7532.4                          | 6447.8                      | 7011.4                                | 8253.5                      | 8413.9                      | 8002.1      |
| 75°                   | 7495.3                | 6357.6                          | 5321.0                      | 5829.6                                | 6889.9                      | 7484.0                      | 7443.6      |
| 80°                   | 6394.4                | 5239.6                          | 4250.9                      | 4654.5                                | 5573.5                      | 6385.8                      | 6591.5      |
| 85°                   | 4586.2                | 3710.1                          | 3074.0                      | 3416.1                                | 4043.6                      | 4770.5                      | 4969.4      |

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|                                                                                                   |                                                               |                                      |
|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------|--------------------------------------|
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| <b>Leuchtdichten in cd/m²</b>                                                                     |                                                               |                                      |
| <div> <div>γ 65°</div> <div>γ 70°</div> <div>γ 75°</div> <div>γ 80°</div> <div>γ 85°</div> </div> |                                                               |                                      |

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|                                                        |                                                               |                                      |
|--------------------------------------------------------|---------------------------------------------------------------|--------------------------------------|
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| <b>Dimmstufen-Tabelle</b><br>Umgebungstemperatur: 25°C |                                                               | <b>sit</b> eco                       |

| Lichtstrom [%] | Dimmstufe linear | Dimmstufe logarithmisch | Lichtstrom [lm] | Systemleistung [W] Lebensdauerbeginn | Systemleistung [W] Lebensdauerende | Systemleistung [W] Durchschnitt |
|----------------|------------------|-------------------------|-----------------|--------------------------------------|------------------------------------|---------------------------------|
| 100            | 254              | 254                     | 6500            | 34.3                                 | 36.1                               | 35.2                            |
| 95             | 241              | 252                     | 6185            | 32.6                                 | 34.2                               | 33.4                            |
| 90             | 227              | 250                     | 5840            | 30.7                                 | 32.3                               | 31.5                            |
| 85             | 214              | 248                     | 5520            | 29.1                                 | 30.4                               | 29.8                            |
| 80             | 201              | 245                     | 5199            | 27.4                                 | 28.7                               | 28.0                            |
| 75             | 188              | 243                     | 4877            | 25.8                                 | 27.1                               | 26.4                            |
| 70             | 175              | 240                     | 4552            | 24.2                                 | 25.3                               | 24.8                            |
| 65             | 162              | 238                     | 4223            | 22.5                                 | 23.6                               | 23.0                            |
| 60             | 149              | 234                     | 3895            | 20.8                                 | 21.8                               | 21.3                            |
| 55             | 136              | 231                     | 3565            | 19.2                                 | 20.1                               | 19.6                            |
| 50             | 124              | 228                     | 3259            | 17.6                                 | 18.4                               | 18.0                            |
| 45             | 111              | 224                     | 2924            | 15.8                                 | 16.6                               | 16.2                            |
| 40             | 99               | 219                     | 2612            | 14.1                                 | 14.8                               | 14.4                            |
| 35             | 86               | 214                     | 2275            | 12.3                                 | 13.0                               | 12.6                            |
| 30             | 74               | 209                     | 1962            | 10.7                                 | 11.2                               | 11.0                            |
| 25             | 61               | 202                     | 1621            | 9.1                                  | 9.5                                | 9.3                             |
| 20             | 49               | 194                     | 1304            | 7.5                                  | 7.8                                | 7.6                             |
| 15             | 37               | 183                     | 986             | 5.9                                  | 6.2                                | 6.1                             |
| 10             | 25               | 169                     | 663             | 4.2                                  | 4.4                                | 4.3                             |
| 9              | 22               | 164                     | 583             | 3.7                                  | 3.9                                | 3.8                             |