

OliNo Energy BV

Operator Marcel van der Steen
 Telephone
 Fax
 e-Mail marcel@olino.org

TDE-lighttech L4242 2700K frost cover / UGR-Table

Luminaire: TDE-lighttech L4242 2700K frost cover
 Lamps: 1 x LED

| Glare Evaluation According to UGR | | | | | | | | | | | |
|--|-------------|---|------|------|------|-------------|--|------|------|------|------|
| ρ Ceiling | 70 | 70 | 50 | 50 | 30 | 70 | 70 | 50 | 50 | 30 | |
| ρ Walls | 50 | 30 | 50 | 30 | 30 | 50 | 30 | 50 | 30 | 30 | |
| ρ Floor | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | |
| Room Size X Y | | Viewing direction at right angles to lamp axis | | | | | Viewing direction parallel to lamp axis | | | | |
| 2H | 2H | 15.5 | 16.7 | 16.1 | 17.3 | 18.0 | 14.1 | 15.3 | 14.7 | 15.9 | 16.6 |
| | 3H | 18.1 | 19.2 | 18.7 | 19.8 | 20.5 | 16.0 | 17.1 | 16.6 | 17.7 | 18.4 |
| | 4H | 19.3 | 20.4 | 19.9 | 21.0 | 21.7 | 16.8 | 17.8 | 17.4 | 18.4 | 19.2 |
| | 6H | 20.5 | 21.5 | 21.2 | 22.1 | 22.9 | 17.3 | 18.3 | 18.0 | 19.0 | 19.7 |
| | 8H | 21.1 | 22.0 | 21.7 | 22.7 | 23.4 | 17.6 | 18.5 | 18.2 | 19.2 | 19.9 |
| | 12H | 21.6 | 22.5 | 22.3 | 23.2 | 24.0 | 17.7 | 18.6 | 18.4 | 19.3 | 20.1 |
| 4H | 2H | 16.0 | 17.1 | 16.7 | 17.7 | 18.5 | 15.0 | 16.1 | 15.7 | 16.7 | 17.4 |
| | 3H | 18.9 | 19.8 | 19.6 | 20.5 | 21.2 | 17.2 | 18.1 | 17.9 | 18.8 | 19.5 |
| | 4H | 20.3 | 21.1 | 21.0 | 21.8 | 22.6 | 18.1 | 18.9 | 18.8 | 19.6 | 20.4 |
| | 6H | 21.7 | 22.4 | 22.4 | 23.1 | 24.0 | 18.8 | 19.6 | 19.6 | 20.3 | 21.1 |
| | 8H | 22.4 | 23.0 | 23.1 | 23.8 | 24.6 | 19.1 | 19.8 | 19.9 | 20.5 | 21.4 |
| | 12H | 23.0 | 23.6 | 23.8 | 24.4 | 25.3 | 19.4 | 20.0 | 20.1 | 20.7 | 21.6 |
| 8H | 4H | 20.6 | 21.3 | 21.4 | 22.1 | 22.9 | 18.9 | 19.5 | 19.6 | 20.3 | 21.1 |
| | 6H | 22.3 | 22.9 | 23.0 | 23.6 | 24.5 | 19.9 | 20.5 | 20.7 | 21.2 | 22.1 |
| | 8H | 23.1 | 23.6 | 23.9 | 24.4 | 25.3 | 20.3 | 20.8 | 21.1 | 21.6 | 22.5 |
| | 12H | 24.0 | 24.4 | 24.8 | 25.2 | 26.1 | 20.7 | 21.2 | 21.5 | 21.9 | 22.9 |
| 12H | 4H | 20.7 | 21.3 | 21.4 | 22.0 | 22.9 | 19.1 | 19.7 | 19.8 | 20.4 | 21.3 |
| | 6H | 22.4 | 22.9 | 23.2 | 23.7 | 24.6 | 20.2 | 20.7 | 21.0 | 21.5 | 22.4 |
| | 8H | 23.3 | 23.8 | 24.1 | 24.6 | 25.5 | 20.8 | 21.2 | 21.6 | 22.0 | 23.0 |
| Variation of the observer position for the luminaire distances S | | | | | | | | | | | |
| S = 1.0H | +0.1 / -0.1 | | | | | +0.1 / -0.1 | | | | | |
| S = 1.5H | +0.2 / -0.2 | | | | | +0.2 / -0.2 | | | | | |
| S = 2.0H | +0.3 / -0.4 | | | | | +0.3 / -0.5 | | | | | |
| Standard table | BK11 | | | | | BK08 | | | | | |
| Correction Summand | 13.3 | | | | | 9.5 | | | | | |
| Corrected Glare Indices referring to 221lm Total Luminous Flux | | | | | | | | | | | |

The UGR values have been calculated according to CIE Publ. 117 Spacing-to-Height-Ratio = 1.00.