

Operator
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TLight BV 3220010 UQ LED 33W-840 595x595mm / UGR-Table

Luminaire: TLight BV 3220010 UQ LED 33W-840 595x595mm
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 | 18.4 | 19.9 | 18.7 | 20.1 | 20.4 | 18.4 | 19.9 | 18.7 | 20.1 | 20.4 |
| | 3H | 20.4 | 21.8 | 20.8 | 22.0 | 22.3 | 20.4 | 21.8 | 20.8 | 22.0 | 22.3 |
| | 4H | 21.3 | 22.5 | 21.6 | 22.8 | 23.1 | 21.3 | 22.5 | 21.6 | 22.8 | 23.1 |
| | 6H | 22.0 | 23.1 | 22.3 | 23.4 | 23.8 | 22.0 | 23.1 | 22.3 | 23.4 | 23.8 |
| | 8H | 22.2 | 23.4 | 22.6 | 23.7 | 24.0 | 22.2 | 23.4 | 22.6 | 23.7 | 24.0 |
| | 12H | 22.4 | 23.5 | 22.8 | 23.8 | 24.2 | 22.4 | 23.5 | 22.8 | 23.8 | 24.2 |
| 4H | 2H | 19.3 | 20.5 | 19.6 | 20.8 | 21.1 | 19.3 | 20.5 | 19.6 | 20.8 | 21.1 |
| | 3H | 21.4 | 22.5 | 21.8 | 22.9 | 23.2 | 21.4 | 22.5 | 21.8 | 22.9 | 23.2 |
| | 4H | 22.4 | 23.4 | 22.8 | 23.8 | 24.1 | 22.4 | 23.4 | 22.8 | 23.8 | 24.1 |
| | 6H | 23.3 | 24.1 | 23.7 | 24.5 | 24.9 | 23.3 | 24.1 | 23.7 | 24.5 | 24.9 |
| | 8H | 23.6 | 24.4 | 24.0 | 24.8 | 25.2 | 23.6 | 24.4 | 24.0 | 24.8 | 25.2 |
| | 12H | 23.8 | 24.6 | 24.3 | 25.0 | 25.4 | 23.8 | 24.6 | 24.3 | 25.0 | 25.4 |
| 8H | 4H | 22.8 | 23.6 | 23.3 | 24.0 | 24.4 | 22.8 | 23.6 | 23.3 | 24.0 | 24.4 |
| | 6H | 23.8 | 24.5 | 24.3 | 24.9 | 25.4 | 23.8 | 24.5 | 24.3 | 24.9 | 25.4 |
| | 8H | 24.3 | 24.9 | 24.8 | 25.3 | 25.8 | 24.3 | 24.9 | 24.8 | 25.3 | 25.8 |
| | 12H | 24.6 | 25.1 | 25.1 | 25.6 | 26.1 | 24.6 | 25.1 | 25.1 | 25.6 | 26.1 |
| 12H | 4H | 22.9 | 23.6 | 23.3 | 24.0 | 24.5 | 22.9 | 23.6 | 23.3 | 24.0 | 24.5 |
| | 6H | 24.0 | 24.5 | 24.4 | 25.0 | 25.5 | 24.0 | 24.5 | 24.4 | 25.0 | 25.5 |
| | 8H | 24.4 | 24.9 | 24.9 | 25.4 | 25.9 | 24.4 | 24.9 | 24.9 | 25.4 | 25.9 |
| 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 / -0.4 | | | | |
| Standard table | | BK07 | | | | | BK07 | | | | |
| Correction Summand | | 7.1 | | | | | 7.1 | | | | |
| Corrected Glare Indices referring to 4075lm Total Luminous Flux | | | | | | | | | | | |

The UGR values have been calculated according to CIE Publ. 117 Spacing-to-Height-Ratio = 0.25.