

Light planning Glare Evaluation According to UGR

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|--|-----|---|------|------|------|------|---|------|------|------|------|
| p Ceiling | | 70 | 70 | 50 | 50 | 30 | 70 | 70 | 50 | 50 | 30 |
| p Walls | | 50 | 30 | 50 | 30 | 30 | 50 | 30 | 50 | 30 | 30 |
| p 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 | 19.5 | 20.1 | 19.6 | 20.3 | 20.5 | 19.5 | 20.1 | 19.6 | 20.3 | 20.5 |
| | 3H | 20.3 | 21.0 | 20.7 | 21.2 | 21.4 | 20.3 | 21.0 | 20.7 | 21.2 | 21.4 |
| | 4H | 20.6 | 21.3 | 21.0 | 21.6 | 21.8 | 20.6 | 21.3 | 21.0 | 21.6 | 21.8 |
| | 6H | 20.8 | 21.4 | 21.1 | 21.7 | 22.0 | 20.8 | 21.4 | 21.1 | 21.7 | 22.0 |
| | 8H | 20.8 | 21.4 | 21.1 | 21.7 | 22.1 | 20.8 | 21.4 | 21.1 | 21.7 | 22.1 |
| | 12H | 20.7 | 21.3 | 21.1 | 21.7 | 22.1 | 20.7 | 21.3 | 21.1 | 21.7 | 22.1 |
| 4H | 2H | 19.8 | 20.5 | 20.2 | 20.7 | 21.0 | 19.8 | 20.5 | 20.2 | 20.7 | 21.0 |
| | 3H | 21.0 | 21.5 | 21.3 | 21.9 | 22.3 | 21.0 | 21.5 | 21.3 | 21.9 | 22.3 |
| | 4H | 21.3 | 21.8 | 21.7 | 22.2 | 22.7 | 21.3 | 21.8 | 21.7 | 22.2 | 22.7 |
| | 6H | 21.4 | 22.0 | 21.9 | 22.3 | 22.7 | 21.4 | 22.0 | 21.9 | 22.3 | 22.7 |
| | 8H | 21.4 | 22.0 | 21.9 | 22.3 | 22.7 | 21.4 | 22.0 | 21.9 | 22.3 | 22.7 |
| | 12H | 21.4 | 21.8 | 21.9 | 22.2 | 22.7 | 21.4 | 21.8 | 21.9 | 22.2 | 22.7 |
| 8H | 4H | 21.4 | 21.9 | 21.9 | 22.2 | 22.6 | 21.4 | 21.9 | 21.9 | 22.2 | 22.6 |
| | 6H | 21.6 | 22.0 | 22.1 | 22.4 | 22.9 | 21.6 | 22.0 | 22.1 | 22.4 | 22.9 |
| | 8H | 21.7 | 21.9 | 22.2 | 22.5 | 23.1 | 21.7 | 21.9 | 22.2 | 22.5 | 23.1 |
| | 12H | 21.6 | 21.9 | 22.2 | 22.4 | 23.0 | 21.6 | 21.9 | 22.2 | 22.4 | 23.0 |
| 12H | 4H | 21.3 | 21.7 | 21.8 | 22.1 | 22.6 | 21.3 | 21.7 | 21.8 | 22.1 | 22.6 |
| | 6H | 21.6 | 21.9 | 22.1 | 22.4 | 23.0 | 21.6 | 21.9 | 22.1 | 22.4 | 23.0 |
| | 8H | 21.6 | 21.9 | 22.2 | 22.4 | 23.0 | 21.6 | 21.9 | 22.2 | 22.4 | 23.0 |
| Variation of the observer position for the luminaire distance S | | | | | | | | | | | |
| S = 1.0H | | 1.5 / -0.5 | | | | | 1.5 / -0.5 | | | | |
| S = 1.5H | | 3.0 / -0.8 | | | | | 3.0 / -0.8 | | | | |
| S = 2.0H | | 4.3 / -1.3 | | | | | 4.3 / -1.3 | | | | |
| Corrected glare indices referring to 1564 lm total luminous flux | | | | | | | | | | | |