

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 | 18.3 | 19.0 | 18.4 | 19.2 | 19.4 | 18.3 | 19.0 | 18.4 | 19.2 | 19.4 |
| | 3H | 18.1 | 18.9 | 18.5 | 19.1 | 19.2 | 18.1 | 18.9 | 18.5 | 19.1 | 19.2 |
| | 4H | 18.0 | 18.8 | 18.4 | 19.0 | 19.3 | 18.0 | 18.8 | 18.4 | 19.0 | 19.3 |
| | 6H | 18.1 | 18.7 | 18.4 | 19.0 | 19.3 | 18.1 | 18.7 | 18.4 | 19.0 | 19.3 |
| | 8H | 18.0 | 18.6 | 18.3 | 18.9 | 19.3 | 18.0 | 18.6 | 18.3 | 18.9 | 19.3 |
| | 12H | 18.0 | 18.6 | 18.3 | 18.9 | 19.3 | 18.0 | 18.6 | 18.3 | 18.9 | 19.3 |
| 4H | 2H | 18.0 | 18.7 | 18.4 | 19.0 | 19.2 | 18.0 | 18.7 | 18.4 | 19.0 | 19.2 |
| | 3H | 18.0 | 18.6 | 18.3 | 18.9 | 19.3 | 18.0 | 18.6 | 18.3 | 18.9 | 19.3 |
| | 4H | 17.9 | 18.4 | 18.3 | 18.8 | 19.4 | 17.9 | 18.4 | 18.3 | 18.8 | 19.4 |
| | 6H | 17.8 | 18.4 | 18.3 | 18.7 | 19.1 | 17.8 | 18.4 | 18.3 | 18.7 | 19.1 |
| | 8H | 17.8 | 18.3 | 18.3 | 18.7 | 19.0 | 17.8 | 18.3 | 18.3 | 18.7 | 19.0 |
| | 12H | 17.7 | 18.2 | 18.2 | 18.6 | 19.0 | 17.7 | 18.2 | 18.2 | 18.6 | 19.0 |
| 8H | 4H | 17.8 | 18.3 | 18.3 | 18.6 | 19.0 | 17.8 | 18.3 | 18.3 | 18.6 | 19.0 |
| | 6H | 17.7 | 18.1 | 18.2 | 18.6 | 19.1 | 17.7 | 18.1 | 18.2 | 18.6 | 19.1 |
| | 8H | 17.7 | 18.1 | 18.3 | 18.6 | 19.2 | 17.7 | 18.1 | 18.3 | 18.6 | 19.2 |
| | 12H | 17.7 | 18.0 | 18.3 | 18.5 | 19.1 | 17.7 | 18.0 | 18.3 | 18.5 | 19.1 |
| 12H | 4H | 17.7 | 18.1 | 18.2 | 18.5 | 19.0 | 17.7 | 18.1 | 18.2 | 18.5 | 19.0 |
| | 6H | 17.7 | 18.1 | 18.2 | 18.6 | 19.2 | 17.7 | 18.1 | 18.2 | 18.6 | 19.2 |
| | 8H | 17.7 | 18.0 | 18.3 | 18.5 | 19.1 | 17.7 | 18.0 | 18.3 | 18.5 | 19.1 |
| Variation of the observer position for the luminaire distance S | | | | | | | | | | | |
| S = 1.0H | | 5.5 / -7.5 | | | | | 5.5 / -7.5 | | | | |
| S = 1.5H | | 8.2 / -8.0 | | | | | 8.2 / -8.0 | | | | |
| S = 2.0H | | 10.2 / -8.3 | | | | | 10.2 / -8.3 | | | | |
| Corrected glare indices referring to 1783 lm total luminous flux | | | | | | | | | | | |