

Light planning Glare Evaluation According to UGR

| | | | | | | | | | | | |
|--|-----|---|------|------|------|------|---|------|------|------|------|
| 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 | 10.9 | 11.4 | 11.0 | 11.6 | 11.7 | 10.9 | 11.4 | 11.0 | 11.6 | 11.7 |
| | 3H | 10.7 | 11.3 | 11.1 | 11.5 | 11.7 | 10.7 | 11.3 | 11.1 | 11.5 | 11.7 |
| | 4H | 10.7 | 11.3 | 11.1 | 11.5 | 11.7 | 10.7 | 11.3 | 11.1 | 11.5 | 11.7 |
| | 6H | 10.7 | 11.2 | 11.0 | 11.5 | 11.8 | 10.7 | 11.2 | 11.0 | 11.5 | 11.8 |
| | 8H | 10.7 | 11.2 | 11.0 | 11.5 | 11.9 | 10.7 | 11.2 | 11.0 | 11.5 | 11.9 |
| | 12H | 10.7 | 11.1 | 11.0 | 11.5 | 11.9 | 10.7 | 11.1 | 11.0 | 11.5 | 11.9 |
| 4H | 2H | 10.6 | 11.2 | 11.0 | 11.4 | 11.7 | 10.6 | 11.2 | 11.0 | 11.4 | 11.7 |
| | 3H | 10.7 | 11.1 | 11.0 | 11.5 | 11.9 | 10.7 | 11.1 | 11.0 | 11.5 | 11.9 |
| | 4H | 10.6 | 11.0 | 11.0 | 11.4 | 12.0 | 10.6 | 11.0 | 11.0 | 11.4 | 12.0 |
| | 6H | 10.6 | 11.1 | 11.1 | 11.4 | 11.7 | 10.6 | 11.1 | 11.1 | 11.4 | 11.7 |
| | 8H | 10.6 | 11.0 | 11.1 | 11.4 | 11.7 | 10.6 | 11.0 | 11.1 | 11.4 | 11.7 |
| | 12H | 10.6 | 10.9 | 11.1 | 11.3 | 11.8 | 10.6 | 10.9 | 11.1 | 11.3 | 11.8 |
| 8H | 4H | 10.5 | 10.9 | 11.0 | 11.3 | 11.6 | 10.5 | 10.9 | 11.0 | 11.3 | 11.6 |
| | 6H | 10.5 | 10.8 | 11.1 | 11.3 | 11.8 | 10.5 | 10.8 | 11.1 | 11.3 | 11.8 |
| | 8H | 10.6 | 10.8 | 11.1 | 11.4 | 12.0 | 10.6 | 10.8 | 11.1 | 11.4 | 12.0 |
| | 12H | 10.7 | 10.8 | 11.3 | 11.3 | 11.9 | 10.7 | 10.8 | 11.3 | 11.3 | 11.9 |
| 12H | 4H | 10.4 | 10.8 | 10.9 | 11.2 | 11.6 | 10.4 | 10.8 | 10.9 | 11.2 | 11.6 |
| | 6H | 10.6 | 10.8 | 11.1 | 11.3 | 11.9 | 10.6 | 10.8 | 11.1 | 11.3 | 11.9 |
| | 8H | 10.6 | 10.8 | 11.2 | 11.3 | 11.9 | 10.6 | 10.8 | 11.2 | 11.3 | 11.9 |
| Variation of the observer position for the luminaire distance S | | | | | | | | | | | |
| S = 1.0H | | 2.1 / -2.6 | | | | | 2.1 / -2.6 | | | | |
| S = 1.5H | | 4.2 / -4.9 | | | | | 4.2 / -4.9 | | | | |
| S = 2.0H | | 5.9 / -5.5 | | | | | 5.9 / -5.5 | | | | |
| Corrected glare indices referring to 1681 lm total luminous flux | | | | | | | | | | | |