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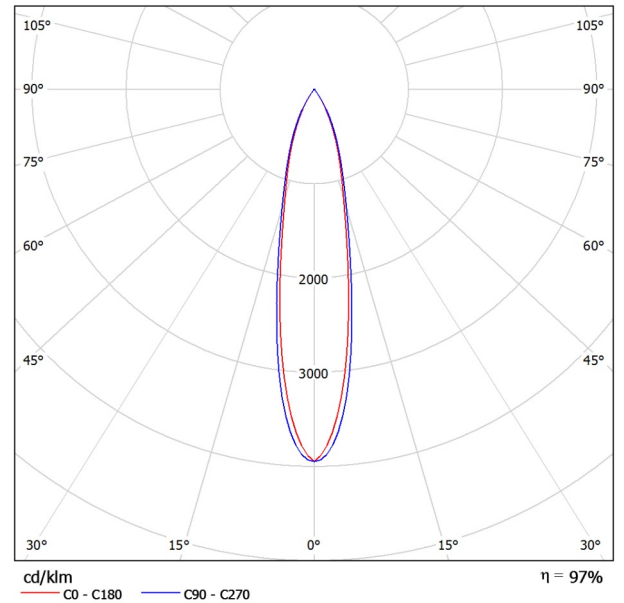
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GlacialLight GL-TSL30-NW-4000K-20D-Lens / Luminaire Data Sheet

Luminous emittance 1:

See our luminaire catalog for an image of the luminaire.



Luminaire classification according to CIE: 100
CIE flux code: 97 98 99 100 101

Luminous emittance 1:

| 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 | 7.0 | 7.6 | 7.2 | 7.8 | 8.0 | 6.8 | 7.4 | 7.0 | 7.6 | 7.8 |
| | 3H | 7.4 | 8.1 | 7.7 | 8.3 | 8.5 | 7.0 | 7.6 | 7.2 | 7.8 | 8.0 |
| | 4H | 7.7 | 8.2 | 8.0 | 8.5 | 8.7 | 7.0 | 7.6 | 7.3 | 7.9 | 8.1 |
| | 6H | 7.9 | 8.5 | 8.3 | 8.8 | 9.0 | 7.2 | 7.8 | 7.6 | 8.0 | 8.3 |
| | 8H | 8.1 | 8.6 | 8.4 | 8.9 | 9.2 | 7.4 | 7.9 | 7.7 | 8.2 | 8.5 |
| 4H | 12H | 8.2 | 8.6 | 8.5 | 8.9 | 9.3 | 7.5 | 8.0 | 7.8 | 8.3 | 8.6 |
| | 2H | 6.9 | 7.5 | 7.2 | 7.8 | 8.0 | 6.7 | 7.3 | 7.0 | 7.6 | 7.8 |
| | 3H | 7.5 | 8.0 | 7.9 | 8.3 | 8.6 | 7.0 | 7.5 | 7.4 | 7.8 | 8.1 |
| | 4H | 7.8 | 8.3 | 8.2 | 8.6 | 8.9 | 7.2 | 7.6 | 7.6 | 8.0 | 8.3 |
| | 6H | 8.2 | 8.6 | 8.6 | 8.9 | 9.3 | 7.5 | 7.8 | 7.9 | 8.2 | 8.6 |
| 8H | 8H | 8.4 | 8.7 | 8.8 | 9.1 | 9.5 | 7.7 | 8.0 | 8.1 | 8.4 | 8.8 |
| | 12H | 8.6 | 8.9 | 9.0 | 9.3 | 9.7 | 8.0 | 8.2 | 8.4 | 8.6 | 9.0 |
| | 4H | 7.9 | 8.2 | 8.3 | 8.6 | 9.0 | 7.3 | 7.6 | 7.7 | 8.0 | 8.4 |
| | 6H | 8.5 | 8.7 | 8.9 | 9.1 | 9.6 | 7.7 | 8.0 | 8.2 | 8.4 | 8.8 |
| | 8H | 8.8 | 9.0 | 9.2 | 9.4 | 9.9 | 8.1 | 8.3 | 8.5 | 8.7 | 9.2 |
| 12H | 12H | 9.0 | 9.2 | 9.5 | 9.7 | 10.2 | 8.4 | 8.6 | 8.9 | 9.1 | 9.6 |
| | 4H | 7.9 | 8.2 | 8.3 | 8.6 | 9.0 | 7.3 | 7.6 | 7.8 | 8.0 | 8.4 |
| | 6H | 8.5 | 8.7 | 9.0 | 9.1 | 9.6 | 7.8 | 8.0 | 8.3 | 8.4 | 8.9 |
| 8H | 8.9 | 9.0 | 9.3 | 9.5 | 10.0 | 8.2 | 8.3 | 8.7 | 8.8 | 9.3 | |
| Variation of the observer position for the luminaire distances S | | | | | | | | | | | |
| S = 1.0H | +3.8 / -1.6 | | | | | +4.2 / -2.0 | | | | | |
| S = 1.5H | +6.2 / -1.8 | | | | | +6.7 / -2.2 | | | | | |
| S = 2.0H | +8.1 / -2.2 | | | | | +8.6 / -2.6 | | | | | |
| Standard table | BK03 | | | | | BK03 | | | | | |
| Correction Summand | -9.3 | | | | | -9.7 | | | | | |
| Corrected Glare Indices referring to 2750lm Total Luminous Flux | | | | | | | | | | | |

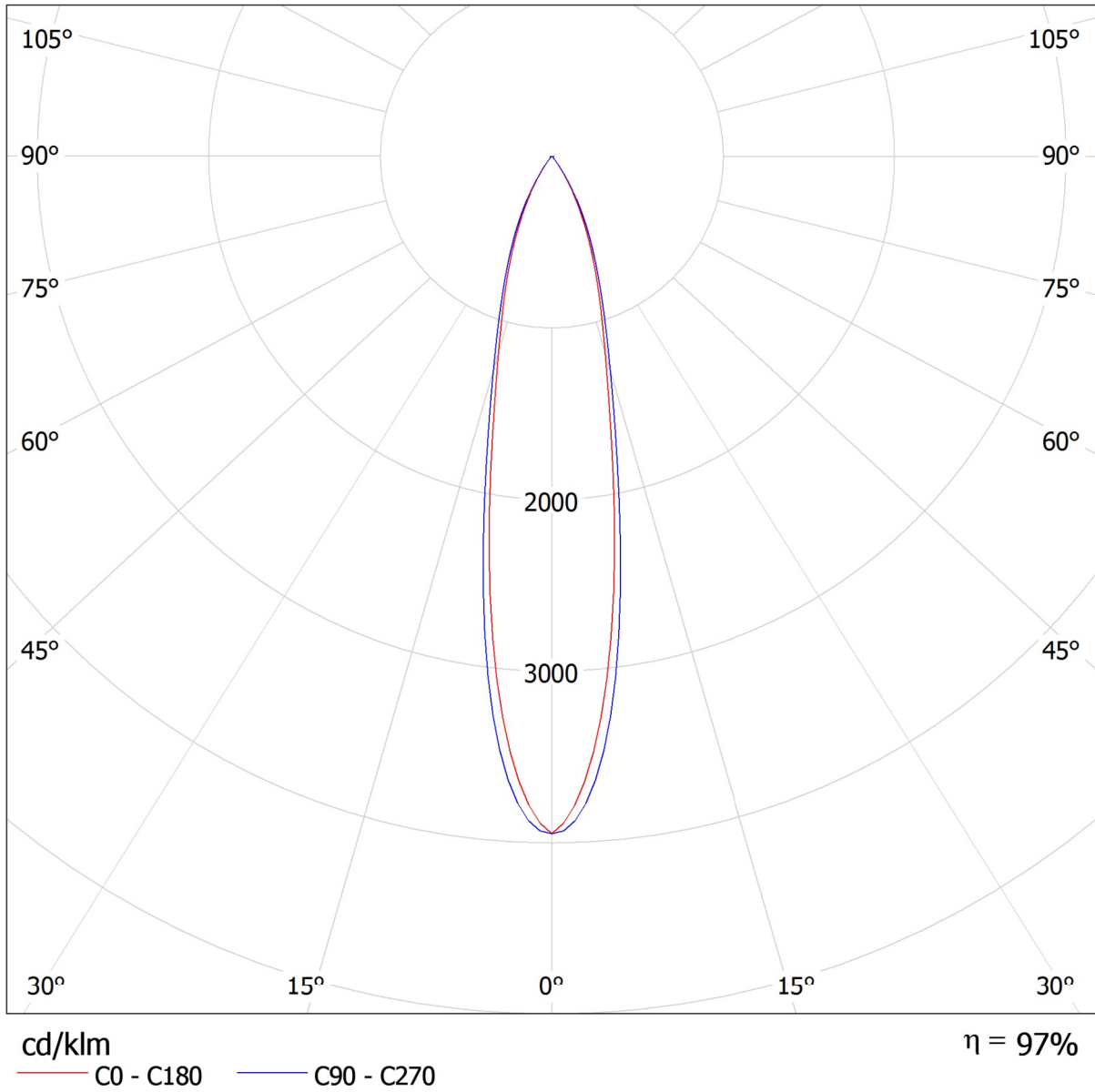
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GlacialLight GL-TSL30-NW-4000K-20D-Lens / LDC (Polar)

Luminaire: GlacialLight GL-TSL30-NW-4000K-20D-Lens
Lamps: 1 x Track Spot Light



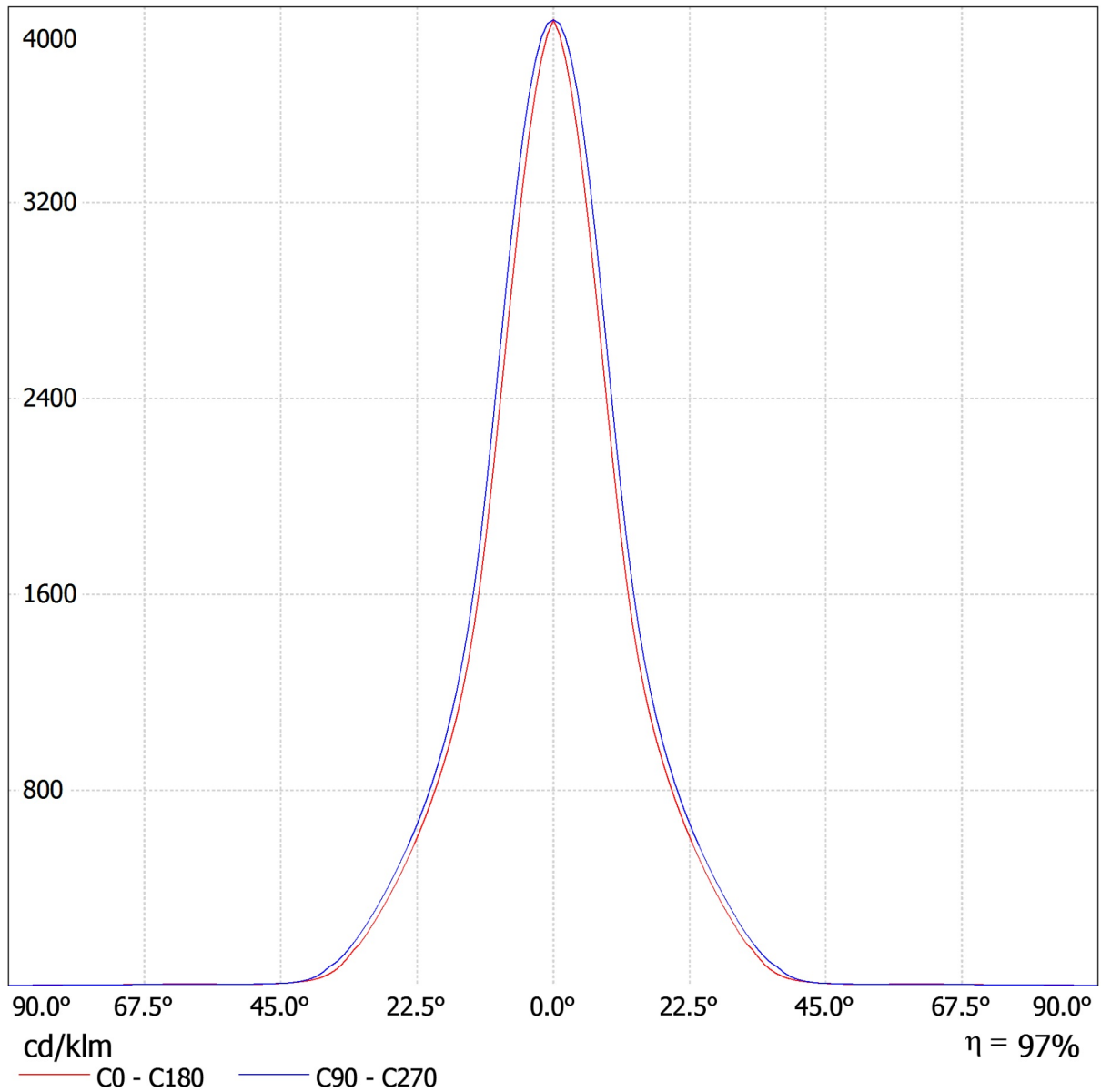
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GlacialLight GL-TSL30-NW-4000K-20D-Lens / LDC (Linear)

Luminaire: GlacialLight GL-TSL30-NW-4000K-20D-Lens
Lamps: 1 x Track Spot Light



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GlacialLight GL-TSL30-NW-4000K-20D-Lens / UGR-Table

Luminaire: GlacialLight GL-TSL30-NW-4000K-20D-Lens
Lamps: 1 x Track Spot Light

| 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 | 7.0 | 7.6 | 7.2 | 7.8 | 8.0 | 6.8 | 7.4 | 7.0 | 7.6 | 7.8 |
| | 3H | 7.4 | 8.1 | 7.7 | 8.3 | 8.5 | 7.0 | 7.6 | 7.2 | 7.8 | 8.0 |
| | 4H | 7.7 | 8.2 | 8.0 | 8.5 | 8.7 | 7.0 | 7.6 | 7.3 | 7.9 | 8.1 |
| | 6H | 7.9 | 8.5 | 8.3 | 8.8 | 9.0 | 7.2 | 7.8 | 7.6 | 8.0 | 8.3 |
| | 8H | 8.1 | 8.6 | 8.4 | 8.9 | 9.2 | 7.4 | 7.9 | 7.7 | 8.2 | 8.5 |
| | 12H | 8.2 | 8.6 | 8.5 | 8.9 | 9.3 | 7.5 | 8.0 | 7.8 | 8.3 | 8.6 |
| 4H | 2H | 6.9 | 7.5 | 7.2 | 7.8 | 8.0 | 6.7 | 7.3 | 7.0 | 7.6 | 7.8 |
| | 3H | 7.5 | 8.0 | 7.9 | 8.3 | 8.6 | 7.0 | 7.5 | 7.4 | 7.8 | 8.1 |
| | 4H | 7.8 | 8.3 | 8.2 | 8.6 | 8.9 | 7.2 | 7.6 | 7.6 | 8.0 | 8.3 |
| | 6H | 8.2 | 8.6 | 8.6 | 8.9 | 9.3 | 7.5 | 7.8 | 7.9 | 8.2 | 8.6 |
| | 8H | 8.4 | 8.7 | 8.8 | 9.1 | 9.5 | 7.7 | 8.0 | 8.1 | 8.4 | 8.8 |
| | 12H | 8.6 | 8.9 | 9.0 | 9.3 | 9.7 | 8.0 | 8.2 | 8.4 | 8.6 | 9.0 |
| 8H | 4H | 7.9 | 8.2 | 8.3 | 8.6 | 9.0 | 7.3 | 7.6 | 7.7 | 8.0 | 8.4 |
| | 6H | 8.5 | 8.7 | 8.9 | 9.1 | 9.6 | 7.7 | 8.0 | 8.2 | 8.4 | 8.8 |
| | 8H | 8.8 | 9.0 | 9.2 | 9.4 | 9.9 | 8.1 | 8.3 | 8.5 | 8.7 | 9.2 |
| | 12H | 9.0 | 9.2 | 9.5 | 9.7 | 10.2 | 8.4 | 8.6 | 8.9 | 9.1 | 9.6 |
| 12H | 4H | 7.9 | 8.2 | 8.3 | 8.6 | 9.0 | 7.3 | 7.6 | 7.8 | 8.0 | 8.4 |
| | 6H | 8.5 | 8.7 | 9.0 | 9.1 | 9.6 | 7.8 | 8.0 | 8.3 | 8.4 | 8.9 |
| | 8H | 8.9 | 9.0 | 9.3 | 9.5 | 10.0 | 8.2 | 8.3 | 8.7 | 8.8 | 9.3 |
| Variation of the observer position for the luminaire distances S | | | | | | | | | | | |
| S = 1.0H | | +3.8 / -1.6 | | | | | +4.2 / -2.0 | | | | |
| S = 1.5H | | +6.2 / -1.8 | | | | | +6.7 / -2.2 | | | | |
| S = 2.0H | | +8.1 / -2.2 | | | | | +8.6 / -2.6 | | | | |
| Standard table | | BK03 | | | | | BK03 | | | | |
| Correction Summand | | -9.3 | | | | | -9.7 | | | | |
| Corrected Glare Indices referring to 2750lm Total Luminous Flux | | | | | | | | | | | |

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

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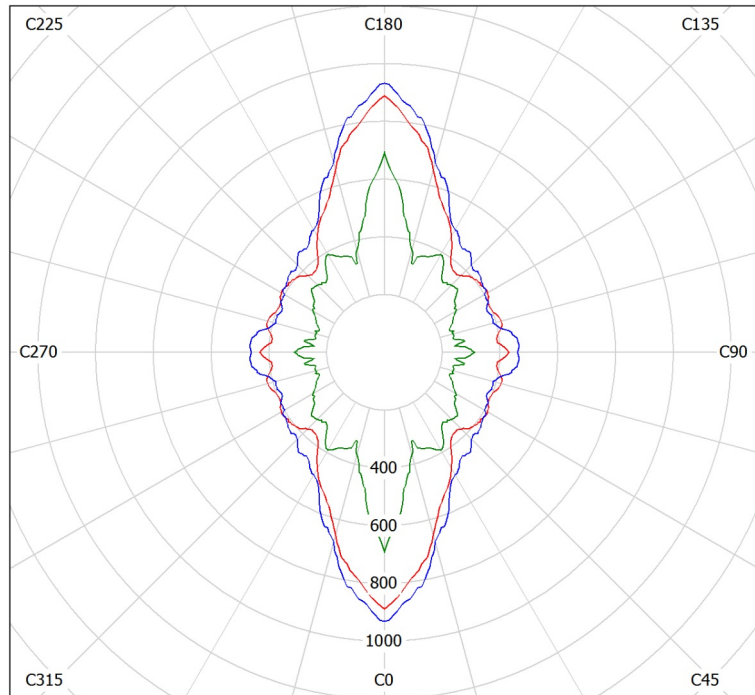
GlacialLight GL-TSL30-NW-4000K-20D-Lens / Glare Data Sheet

Luminaire: GlacialLight GL-TSL30-
NW-4000K-20D-Lens

Lamps: 1 x Track Spot Light

| 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 | 7.0 | 7.6 | 7.2 | 7.8 | 8.0 | 6.8 | 7.4 | 7.0 | 7.6 | 7.8 |
| | 3H | 7.4 | 8.1 | 7.7 | 8.3 | 8.5 | 7.0 | 7.6 | 7.2 | 7.8 | 8.0 |
| | 4H | 7.7 | 8.2 | 8.0 | 8.5 | 8.7 | 7.0 | 7.6 | 7.3 | 7.9 | 8.1 |
| | 6H | 7.9 | 8.5 | 8.3 | 8.8 | 9.0 | 7.2 | 7.8 | 7.6 | 8.0 | 8.3 |
| | 8H | 8.1 | 8.6 | 8.4 | 8.9 | 9.2 | 7.4 | 7.9 | 7.7 | 8.2 | 8.5 |
| 4H | 12H | 8.2 | 8.6 | 8.5 | 8.9 | 9.3 | 7.5 | 8.0 | 7.8 | 8.3 | 8.6 |
| | 2H | 6.9 | 7.5 | 7.2 | 7.8 | 8.0 | 6.7 | 7.3 | 7.0 | 7.6 | 7.8 |
| | 3H | 7.5 | 8.0 | 7.9 | 8.3 | 8.6 | 7.0 | 7.5 | 7.4 | 7.8 | 8.1 |
| | 4H | 7.8 | 8.3 | 8.2 | 8.6 | 8.9 | 7.2 | 7.6 | 7.6 | 8.0 | 8.3 |
| | 6H | 8.2 | 8.6 | 8.6 | 8.9 | 9.3 | 7.5 | 7.8 | 7.9 | 8.2 | 8.6 |
| 8H | 8H | 8.4 | 8.7 | 8.8 | 9.1 | 9.5 | 7.7 | 8.0 | 8.1 | 8.4 | 8.8 |
| | 12H | 8.6 | 8.9 | 9.0 | 9.3 | 9.7 | 8.0 | 8.2 | 8.4 | 8.6 | 9.0 |
| | 4H | 7.9 | 8.2 | 8.3 | 8.6 | 9.0 | 7.3 | 7.6 | 7.7 | 8.0 | 8.4 |
| | 6H | 8.5 | 8.7 | 8.9 | 9.1 | 9.6 | 7.7 | 8.0 | 8.2 | 8.4 | 8.8 |
| | 8H | 8.8 | 9.0 | 9.2 | 9.4 | 9.9 | 8.1 | 8.3 | 8.5 | 8.7 | 9.2 |
| 12H | 12H | 9.0 | 9.2 | 9.5 | 9.7 | 10.2 | 8.4 | 8.6 | 8.9 | 9.1 | 9.6 |
| | 4H | 7.9 | 8.2 | 8.3 | 8.6 | 9.0 | 7.3 | 7.6 | 7.8 | 8.0 | 8.4 |
| | 6H | 8.5 | 8.7 | 9.0 | 9.1 | 9.6 | 7.8 | 8.0 | 8.3 | 8.4 | 8.9 |
| | 8H | 8.9 | 9.0 | 9.3 | 9.5 | 10.0 | 8.2 | 8.3 | 8.7 | 8.8 | 9.3 |
| Variation of the observer position for the luminaire distances S | | | | | | | | | | | |
| S = 1.0H | +3.8 / -1.6 | | | | | +4.2 / -2.0 | | | | | |
| S = 1.5H | +6.2 / -1.8 | | | | | +6.7 / -2.2 | | | | | |
| S = 2.0H | +8.1 / -2.2 | | | | | +8.6 / -2.6 | | | | | |
| Standard table | BK03 | | | | | BK03 | | | | | |
| Correction Summand | -9.3 | | | | | -9.7 | | | | | |
| Corrected Glare Indices referring to 2750lm Total Luminous Flux | | | | | | | | | | | |

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



cd/m²
— g = 55.0° — g = 65.0° — g = 75.0°