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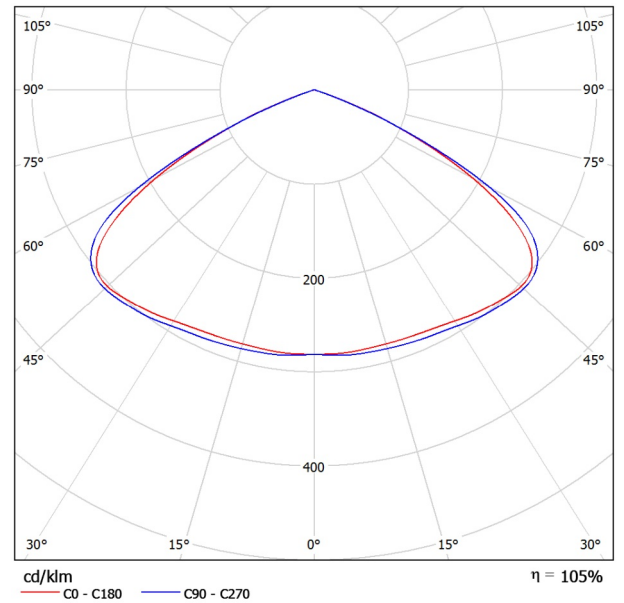
7F, No.352, Sec. 2, Zhongshan Rd., Zhonghe Dist., New Taipei City, Taiwan, 235, R.O.C.

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GlacialLight GL-FL100-CW-5000K-120D-Lens-with lampshade / Luminaire Data Sheet

See our luminaire catalog for an image of the luminaire.

Luminous emittance 1:



Luminaire classification according to CIE: 100
CIE flux code: 43 87 100 100 105

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 | 26.1 | 27.5 | 26.4 | 27.7 | 27.9 | 25.6 | 26.9 | 25.9 | 27.2 | 27.4 |
| | 3H | 26.4 | 27.6 | 26.7 | 27.8 | 28.1 | 25.7 | 26.9 | 26.0 | 27.2 | 27.5 |
| | 4H | 26.3 | 27.4 | 26.6 | 27.7 | 28.0 | 25.6 | 26.8 | 26.0 | 27.0 | 27.3 |
| | 6H | 26.2 | 27.2 | 26.6 | 27.5 | 27.9 | 25.6 | 26.6 | 25.9 | 26.9 | 27.2 |
| | 8H | 26.2 | 27.2 | 26.5 | 27.5 | 27.8 | 25.5 | 26.5 | 25.9 | 26.8 | 27.1 |
| | 12H | 26.1 | 27.1 | 26.5 | 27.4 | 27.7 | 25.5 | 26.4 | 25.9 | 26.8 | 27.1 |
| 4H | 2H | 26.4 | 27.5 | 26.8 | 27.8 | 28.1 | 26.0 | 27.1 | 26.3 | 27.4 | 27.7 |
| | 3H | 26.7 | 27.6 | 27.1 | 28.0 | 28.3 | 26.1 | 27.1 | 26.5 | 27.4 | 27.7 |
| | 4H | 26.6 | 27.5 | 27.0 | 27.8 | 28.2 | 26.1 | 26.9 | 26.5 | 27.2 | 27.6 |
| | 6H | 26.6 | 27.3 | 27.0 | 27.7 | 28.1 | 26.0 | 26.7 | 26.4 | 27.1 | 27.5 |
| | 8H | 26.5 | 27.2 | 27.0 | 27.6 | 28.0 | 26.0 | 26.6 | 26.4 | 27.0 | 27.4 |
| | 12H | 26.5 | 27.1 | 27.0 | 27.5 | 27.9 | 25.9 | 26.5 | 26.4 | 26.9 | 27.4 |
| 8H | 4H | 26.6 | 27.2 | 27.0 | 27.6 | 28.0 | 26.0 | 26.6 | 26.4 | 27.0 | 27.4 |
| | 6H | 26.5 | 27.0 | 26.9 | 27.4 | 27.9 | 25.9 | 26.4 | 26.4 | 26.9 | 27.3 |
| | 8H | 26.5 | 26.9 | 26.9 | 27.4 | 27.8 | 25.9 | 26.3 | 26.4 | 26.8 | 27.3 |
| | 12H | 26.4 | 26.8 | 26.9 | 27.3 | 27.8 | 25.9 | 26.3 | 26.3 | 26.7 | 27.2 |
| 12H | 4H | 26.5 | 27.1 | 27.0 | 27.5 | 27.9 | 26.0 | 26.5 | 26.4 | 27.0 | 27.4 |
| | 6H | 26.5 | 26.9 | 26.9 | 27.4 | 27.8 | 25.9 | 26.3 | 26.4 | 26.8 | 27.3 |
| | 8H | 26.4 | 26.8 | 26.9 | 27.3 | 27.8 | 25.9 | 26.2 | 26.3 | 26.7 | 27.2 |
| Variation of the observer position for the luminaire distances S | | | | | | | | | | | |
| S = 1.0H | +0.2 / -0.2 | | | | | +0.1 / -0.1 | | | | | |
| S = 1.5H | +1.1 / -1.4 | | | | | +1.2 / -1.7 | | | | | |
| S = 2.0H | +2.5 / -5.3 | | | | | +2.3 / -7.3 | | | | | |
| Standard table | BK01 | | | | | BK01 | | | | | |
| Correction Summand | 8.9 | | | | | 8.3 | | | | | |
| Corrected Glare Indices referring to 10800lm Total Luminous Flux | | | | | | | | | | | |

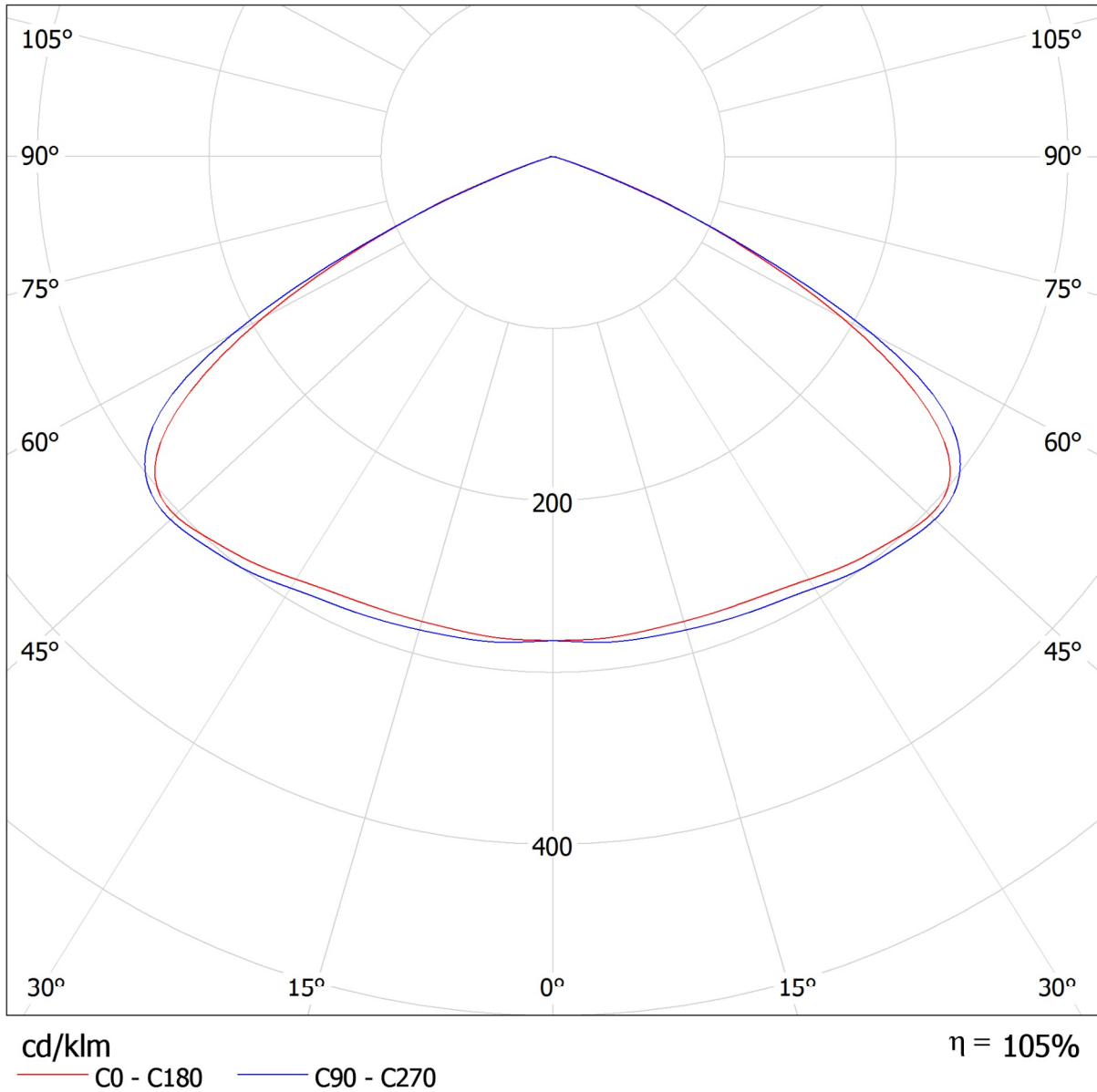
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GlacialLight GL-FL100-CW-5000K-120D-Lens-with lampshade / LDC (Polar)

Luminaire: GlacialLight GL-FL100-CW-5000K-120D-Lens-with lampshade
Lamps: 1 x Bay Light



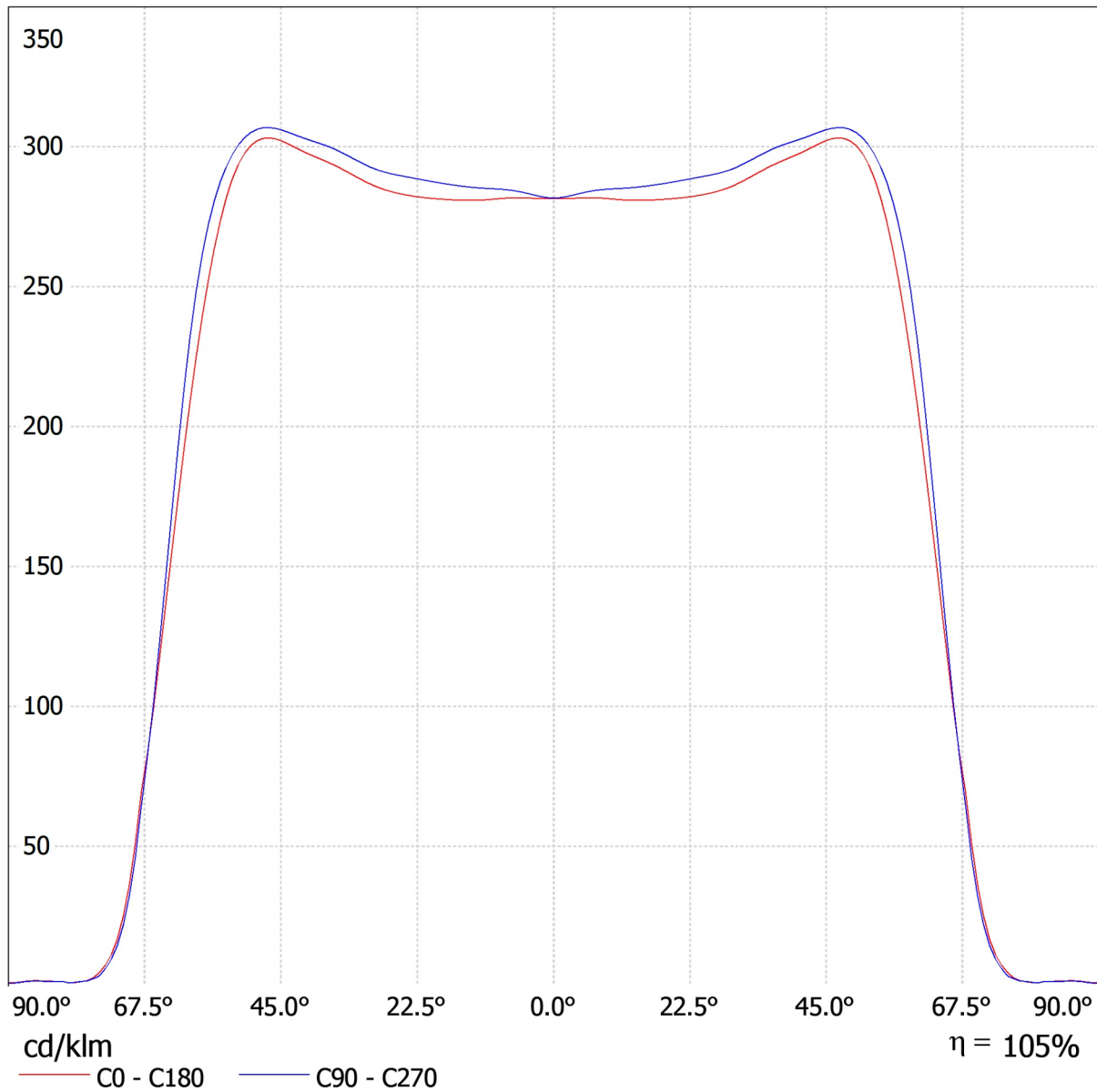
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GlacialLight GL-FL100-CW-5000K-120D-Lens-with lampshade / LDC (Linear)

Luminaire: GlacialLight GL-FL100-CW-5000K-120D-Lens-with lampshade
Lamps: 1 x Bay Light



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GlacialLight GL-FL100-CW-5000K-120D-Lens-with lampshade / UGR-Table

Luminaire: GlacialLight GL-FL100-CW-5000K-120D-Lens-with lampshade
Lamps: 1 x Bay 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 | 26.1 | 27.5 | 26.4 | 27.7 | 27.9 | 25.6 | 26.9 | 25.9 | 27.2 | 27.4 |
| | 3H | 26.4 | 27.6 | 26.7 | 27.8 | 28.1 | 25.7 | 26.9 | 26.0 | 27.2 | 27.5 |
| | 4H | 26.3 | 27.4 | 26.6 | 27.7 | 28.0 | 25.6 | 26.8 | 26.0 | 27.0 | 27.3 |
| | 6H | 26.2 | 27.2 | 26.6 | 27.5 | 27.9 | 25.6 | 26.6 | 25.9 | 26.9 | 27.2 |
| | 8H | 26.2 | 27.2 | 26.5 | 27.5 | 27.8 | 25.5 | 26.5 | 25.9 | 26.8 | 27.1 |
| | 12H | 26.1 | 27.1 | 26.5 | 27.4 | 27.7 | 25.5 | 26.4 | 25.9 | 26.8 | 27.1 |
| 4H | 2H | 26.4 | 27.5 | 26.8 | 27.8 | 28.1 | 26.0 | 27.1 | 26.3 | 27.4 | 27.7 |
| | 3H | 26.7 | 27.6 | 27.1 | 28.0 | 28.3 | 26.1 | 27.1 | 26.5 | 27.4 | 27.7 |
| | 4H | 26.6 | 27.5 | 27.0 | 27.8 | 28.2 | 26.1 | 26.9 | 26.5 | 27.2 | 27.6 |
| | 6H | 26.6 | 27.3 | 27.0 | 27.7 | 28.1 | 26.0 | 26.7 | 26.4 | 27.1 | 27.5 |
| | 8H | 26.5 | 27.2 | 27.0 | 27.6 | 28.0 | 26.0 | 26.6 | 26.4 | 27.0 | 27.4 |
| | 12H | 26.5 | 27.1 | 27.0 | 27.5 | 27.9 | 25.9 | 26.5 | 26.4 | 26.9 | 27.4 |
| 8H | 4H | 26.6 | 27.2 | 27.0 | 27.6 | 28.0 | 26.0 | 26.6 | 26.4 | 27.0 | 27.4 |
| | 6H | 26.5 | 27.0 | 26.9 | 27.4 | 27.9 | 25.9 | 26.4 | 26.4 | 26.9 | 27.3 |
| | 8H | 26.5 | 26.9 | 26.9 | 27.4 | 27.8 | 25.9 | 26.3 | 26.4 | 26.8 | 27.3 |
| | 12H | 26.4 | 26.8 | 26.9 | 27.3 | 27.8 | 25.9 | 26.3 | 26.3 | 26.7 | 27.2 |
| 12H | 4H | 26.5 | 27.1 | 27.0 | 27.5 | 27.9 | 26.0 | 26.5 | 26.4 | 27.0 | 27.4 |
| | 6H | 26.5 | 26.9 | 26.9 | 27.4 | 27.8 | 25.9 | 26.3 | 26.4 | 26.8 | 27.3 |
| | 8H | 26.4 | 26.8 | 26.9 | 27.3 | 27.8 | 25.9 | 26.2 | 26.3 | 26.7 | 27.2 |
| Variation of the observer position for the luminaire distances S | | | | | | | | | | | |
| S = 1.0H | | +0.2 / -0.2 | | | | | +0.1 / -0.1 | | | | |
| S = 1.5H | | +1.1 / -1.4 | | | | | +1.2 / -1.7 | | | | |
| S = 2.0H | | +2.5 / -5.3 | | | | | +2.3 / -7.3 | | | | |
| Standard table | | BK01 | | | | | BK01 | | | | |
| Correction Summand | | 8.9 | | | | | 8.3 | | | | |
| Corrected Glare Indices referring to 10800lm Total Luminous Flux | | | | | | | | | | | |

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

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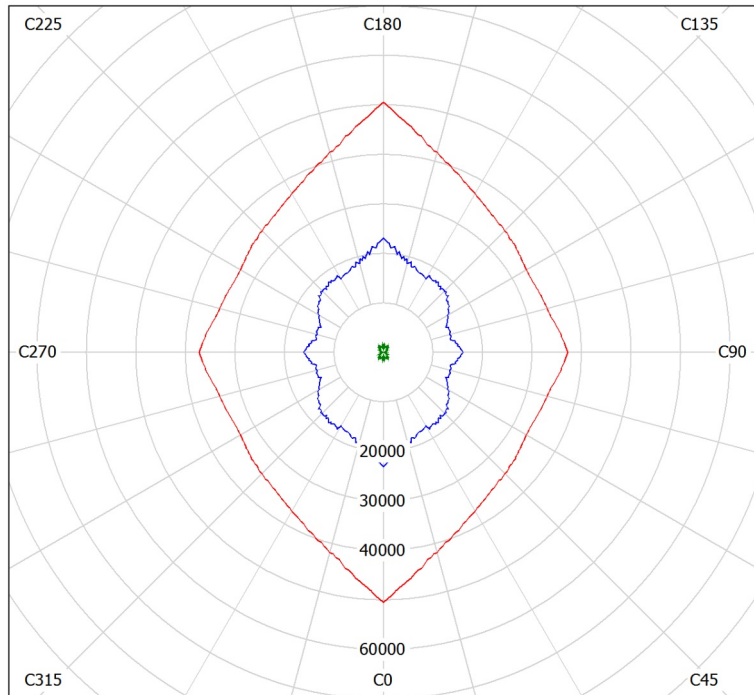
GlacialLight GL-FL100-CW-5000K-120D-Lens-with lampshade / Glare Data Sheet

Luminaire: GlacialLight GL-FL100-CW-5000K-120D-Lens-with lampshade

Lamps: 1 x Bay 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 | 26.1 | 27.5 | 26.4 | 27.7 | 27.9 | 25.6 | 26.9 | 25.9 | 27.2 | 27.4 |
| | 3H | 26.4 | 27.6 | 26.7 | 27.8 | 28.1 | 25.7 | 26.9 | 26.0 | 27.2 | 27.5 |
| | 4H | 26.3 | 27.4 | 26.6 | 27.7 | 28.0 | 25.6 | 26.8 | 26.0 | 27.0 | 27.3 |
| | 6H | 26.2 | 27.2 | 26.6 | 27.5 | 27.9 | 25.6 | 26.6 | 25.9 | 26.9 | 27.2 |
| | 8H | 26.2 | 27.2 | 26.5 | 27.5 | 27.8 | 25.5 | 26.5 | 25.9 | 26.8 | 27.1 |
| 4H | 12H | 26.1 | 27.1 | 26.5 | 27.4 | 27.7 | 25.5 | 26.4 | 25.9 | 26.8 | 27.1 |
| | 2H | 26.4 | 27.5 | 26.8 | 27.8 | 28.1 | 26.0 | 27.1 | 26.3 | 27.4 | 27.7 |
| | 3H | 26.7 | 27.6 | 27.1 | 28.0 | 28.3 | 26.1 | 27.1 | 26.5 | 27.4 | 27.7 |
| | 4H | 26.6 | 27.5 | 27.0 | 27.8 | 28.2 | 26.1 | 26.9 | 26.5 | 27.2 | 27.6 |
| | 6H | 26.6 | 27.3 | 27.0 | 27.7 | 28.1 | 26.0 | 26.7 | 26.4 | 27.1 | 27.5 |
| 8H | 8H | 26.5 | 27.2 | 27.0 | 27.6 | 28.0 | 26.0 | 26.6 | 26.4 | 27.0 | 27.4 |
| | 12H | 26.5 | 27.1 | 27.0 | 27.5 | 27.9 | 25.9 | 26.5 | 26.4 | 26.9 | 27.4 |
| | 4H | 26.6 | 27.2 | 27.0 | 27.6 | 28.0 | 26.0 | 26.6 | 26.4 | 27.0 | 27.4 |
| | 6H | 26.5 | 27.0 | 26.9 | 27.4 | 27.9 | 25.9 | 26.4 | 26.4 | 26.9 | 27.3 |
| | 8H | 26.5 | 26.9 | 26.9 | 27.4 | 27.8 | 25.9 | 26.3 | 26.4 | 26.8 | 27.3 |
| 12H | 12H | 26.4 | 26.8 | 26.9 | 27.3 | 27.8 | 25.9 | 26.3 | 26.3 | 26.7 | 27.2 |
| | 4H | 26.5 | 27.1 | 27.0 | 27.5 | 27.9 | 26.0 | 26.5 | 26.4 | 27.0 | 27.4 |
| | 6H | 26.5 | 26.9 | 26.9 | 27.4 | 27.8 | 25.9 | 26.3 | 26.4 | 26.8 | 27.3 |
| | 8H | 26.4 | 26.8 | 26.9 | 27.3 | 27.8 | 25.9 | 26.2 | 26.3 | 26.7 | 27.2 |
| | 8H | 26.4 | 26.8 | 26.9 | 27.3 | 27.8 | 25.9 | 26.2 | 26.3 | 26.7 | 27.2 |
| Variation of the observer position for the luminaire distances S | | | | | | | | | | | |
| S = 1.0H | +0.2 / -0.2 | | | | | +0.1 / -0.1 | | | | | |
| S = 1.5H | +1.1 / -1.4 | | | | | +1.2 / -1.7 | | | | | |
| S = 2.0H | +2.5 / -5.3 | | | | | +2.3 / -7.3 | | | | | |
| Standard table | BK01 | | | | | BK01 | | | | | |
| Correction Summand | 8.9 | | | | | 8.3 | | | | | |
| Corrected Glare Indices referring to 10800lm 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°