

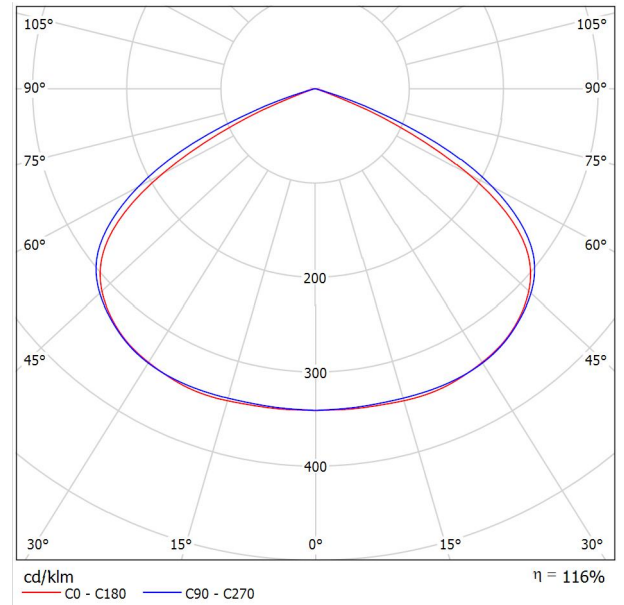
GlacialTech Inc.
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GlacialLight GL-FL190-CW-5000K-120D Lens-with lampshade / Luminaire Data Sheet

Luminous emittance 1:

See our luminaire catalog for an image of the luminaire.



Luminaire classification according to CIE: 100
 CIE flux code: 46 86 99 100 115

Luminous emittance 1:

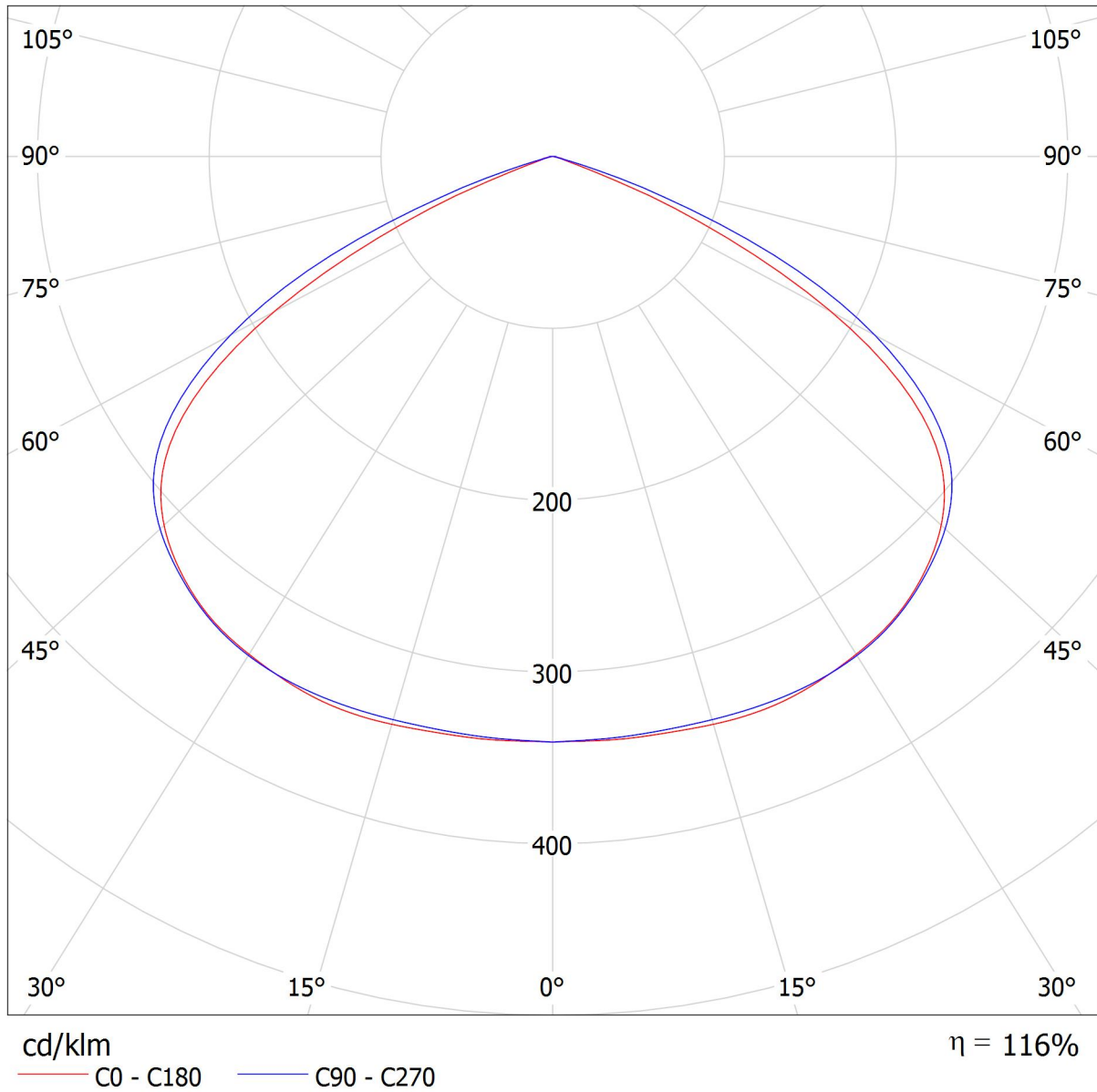
| Glare Evaluation According to UGR | | | | | | | | | | | |
|--|---|------|------|------|------|--|------|------|------|------|------|
| ρ Ceiling | 70 | 70 | 50 | 50 | 30 | 70 | 70 | 50 | 50 | 30 | |
| ρ Walls | 50 | 30 | 50 | 30 | 30 | 50 | 30 | 50 | 30 | 30 | |
| ρ Floor | 20 | 20 | 20 | 20 | 20 | 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 | 26.8 | 28.1 | 27.0 | 28.3 | 28.5 | 27.6 | 28.9 | 27.9 | 29.1 | 29.4 |
| | 3H | 26.9 | 28.1 | 27.3 | 28.4 | 28.6 | 28.2 | 29.3 | 28.5 | 29.6 | 29.9 |
| | 4H | 26.9 | 28.0 | 27.2 | 28.2 | 28.5 | 28.1 | 29.2 | 28.4 | 29.5 | 29.8 |
| | 6H | 26.8 | 27.8 | 27.1 | 28.1 | 28.4 | 28.0 | 29.0 | 28.4 | 29.3 | 29.7 |
| | 8H | 26.7 | 27.7 | 27.1 | 28.0 | 28.4 | 28.0 | 29.0 | 28.4 | 29.3 | 29.6 |
| 4H | 12H | 26.7 | 27.6 | 27.1 | 28.0 | 28.3 | 28.0 | 28.9 | 28.3 | 29.2 | 29.5 |
| | 2H | 27.2 | 28.3 | 27.5 | 28.6 | 28.9 | 27.9 | 29.0 | 28.2 | 29.3 | 29.6 |
| | 3H | 27.4 | 28.3 | 27.8 | 28.7 | 29.0 | 28.5 | 29.4 | 28.9 | 29.7 | 30.1 |
| | 4H | 27.4 | 28.2 | 27.8 | 28.5 | 28.9 | 28.5 | 29.3 | 28.9 | 29.6 | 30.0 |
| | 6H | 27.3 | 28.0 | 27.7 | 28.4 | 28.8 | 28.4 | 29.1 | 28.8 | 29.5 | 29.9 |
| 8H | 8H | 27.3 | 27.9 | 27.7 | 28.3 | 28.7 | 28.4 | 29.0 | 28.8 | 29.4 | 29.8 |
| | 12H | 27.2 | 27.8 | 27.7 | 28.2 | 28.6 | 28.3 | 28.9 | 28.8 | 29.3 | 29.7 |
| | 4H | 27.3 | 27.9 | 27.7 | 28.3 | 28.7 | 28.4 | 29.0 | 28.8 | 29.4 | 29.8 |
| | 6H | 27.2 | 27.7 | 27.7 | 28.2 | 28.6 | 28.3 | 28.8 | 28.8 | 29.3 | 29.7 |
| | 8H | 27.2 | 27.6 | 27.7 | 28.1 | 28.6 | 28.3 | 28.7 | 28.8 | 29.2 | 29.6 |
| 12H | 12H | 27.2 | 27.5 | 27.6 | 28.0 | 28.5 | 28.2 | 28.6 | 28.7 | 29.1 | 29.6 |
| | 4H | 27.3 | 27.8 | 27.7 | 28.2 | 28.7 | 28.3 | 28.9 | 28.8 | 29.3 | 29.8 |
| | 6H | 27.2 | 27.6 | 27.7 | 28.1 | 28.6 | 28.3 | 28.7 | 28.7 | 29.2 | 29.6 |
| | 8H | 27.2 | 27.5 | 27.6 | 28.0 | 28.5 | 28.2 | 28.6 | 28.7 | 29.1 | 29.6 |
| | 8H | 27.2 | 27.5 | 27.6 | 28.0 | 28.5 | 28.2 | 28.6 | 28.7 | 29.1 | 29.6 |
| Variation of the observer position for the luminaire distances S | | | | | | | | | | | |
| S = 1.0H | +0.2 / -0.3 | | | | | +0.1 / -0.2 | | | | | |
| S = 1.5H | +0.9 / -1.6 | | | | | +0.6 / -0.8 | | | | | |
| S = 2.0H | +2.0 / -5.6 | | | | | +1.8 / -3.5 | | | | | |
| Standard table | BK01 | | | | | BK01 | | | | | |
| Correction Summand | 9.8 | | | | | 10.8 | | | | | |
| Corrected Glare Indices referring to 23000lm Total Luminous Flux | | | | | | | | | | | |

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GlacialLight GL-FL190-CW-5000K-120D Lens-with lampshade / LDC (Polar)

Luminaire: GlacialLight GL-FL190-CW-5000K-120D Lens-with lampshade
Lamps: 1 x Flood Light

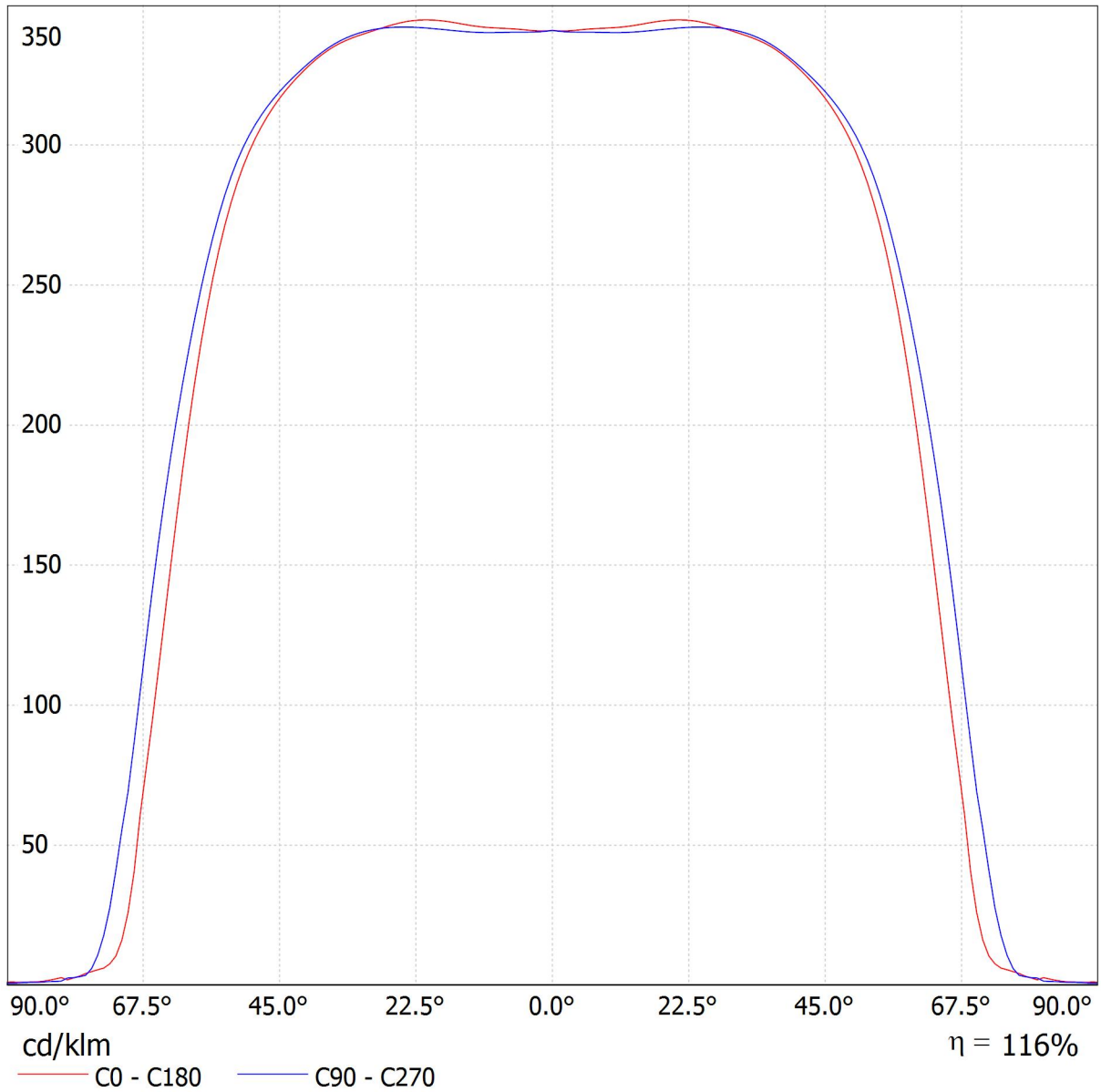


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GlacialLight GL-FL190-CW-5000K-120D Lens-with lampshade / LDC (Linear)

Luminaire: GlacialLight GL-FL190-CW-5000K-120D Lens-with lampshade
Lamps: 1 x Flood Light



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GlacialLight GL-FL190-CW-5000K-120D Lens-with lampshade / UGR-Table

Luminaire: GlacialLight GL-FL190-CW-5000K-120D Lens-with lampshade
 Lamps: 1 x Flood 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 | 2H | 26.8 | 28.1 | 27.0 | 28.3 | 28.5 | 27.6 | 28.9 | 27.9 | 29.1 | 29.4 |
| | | 3H | 26.9 | 28.1 | 27.3 | 28.4 | 28.6 | 28.2 | 29.3 | 28.5 | 29.6 | 29.9 |
| | | 4H | 26.9 | 28.0 | 27.2 | 28.2 | 28.5 | 28.1 | 29.2 | 28.4 | 29.5 | 29.8 |
| | | 6H | 26.8 | 27.8 | 27.1 | 28.1 | 28.4 | 28.0 | 29.0 | 28.4 | 29.3 | 29.7 |
| | | 8H | 26.7 | 27.7 | 27.1 | 28.0 | 28.4 | 28.0 | 29.0 | 28.4 | 29.3 | 29.6 |
| | | 12H | 26.7 | 27.6 | 27.1 | 28.0 | 28.3 | 28.0 | 28.9 | 28.3 | 29.2 | 29.5 |
| 4H | 2H | 2H | 27.2 | 28.3 | 27.5 | 28.6 | 28.9 | 27.9 | 29.0 | 28.2 | 29.3 | 29.6 |
| | | 3H | 27.4 | 28.3 | 27.8 | 28.7 | 29.0 | 28.5 | 29.4 | 28.9 | 29.7 | 30.1 |
| | | 4H | 27.4 | 28.2 | 27.8 | 28.5 | 28.9 | 28.5 | 29.3 | 28.9 | 29.6 | 30.0 |
| | | 6H | 27.3 | 28.0 | 27.7 | 28.4 | 28.8 | 28.4 | 29.1 | 28.8 | 29.5 | 29.9 |
| | | 8H | 27.3 | 27.9 | 27.7 | 28.3 | 28.7 | 28.4 | 29.0 | 28.8 | 29.4 | 29.8 |
| | | 12H | 27.2 | 27.8 | 27.7 | 28.2 | 28.6 | 28.3 | 28.9 | 28.8 | 29.3 | 29.7 |
| 8H | 4H | 4H | 27.3 | 27.9 | 27.7 | 28.3 | 28.7 | 28.4 | 29.0 | 28.8 | 29.4 | 29.8 |
| | | 6H | 27.2 | 27.7 | 27.7 | 28.2 | 28.6 | 28.3 | 28.8 | 28.8 | 29.3 | 29.7 |
| | | 8H | 27.2 | 27.6 | 27.7 | 28.1 | 28.6 | 28.3 | 28.7 | 28.8 | 29.2 | 29.6 |
| | | 12H | 27.2 | 27.5 | 27.6 | 28.0 | 28.5 | 28.2 | 28.6 | 28.7 | 29.1 | 29.6 |
| 12H | 4H | 4H | 27.3 | 27.8 | 27.7 | 28.2 | 28.7 | 28.3 | 28.9 | 28.8 | 29.3 | 29.8 |
| | | 6H | 27.2 | 27.6 | 27.7 | 28.1 | 28.6 | 28.3 | 28.7 | 28.7 | 29.2 | 29.6 |
| | | 8H | 27.2 | 27.5 | 27.6 | 28.0 | 28.5 | 28.2 | 28.6 | 28.7 | 29.1 | 29.6 |
| Variation of the observer position for the luminaire distances S | | | | | | | | | | | | |
| S = 1.0H | | +0.2 / -0.3 | | | | | +0.1 / -0.2 | | | | | |
| S = 1.5H | | +0.9 / -1.6 | | | | | +0.6 / -0.8 | | | | | |
| S = 2.0H | | +2.0 / -5.6 | | | | | +1.8 / -3.5 | | | | | |
| Standard table | | BK01 | | | | | BK01 | | | | | |
| Correction Summand | | 9.8 | | | | | 10.8 | | | | | |
| Corrected Glare Indices referring to 23000lm 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-FL190-CW-5000K-120D Lens-with lampshade / Glare Data Sheet

Luminaire: GlacialLight GL-FL190-
 CW-5000K-120D Lens-with
 lampshade

Lamps: 1 x Flood 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 | 26.8 | 28.1 | 27.0 | 28.3 | 28.5 | 27.6 | 28.9 | 27.9 | 29.1 | 29.4 |
| | 3H | 26.9 | 28.1 | 27.3 | 28.4 | 28.6 | 28.2 | 29.3 | 28.5 | 29.6 | 29.9 |
| | 4H | 26.9 | 28.0 | 27.2 | 28.2 | 28.5 | 28.1 | 29.2 | 28.4 | 29.5 | 29.8 |
| | 6H | 26.8 | 27.8 | 27.1 | 28.1 | 28.4 | 28.0 | 29.0 | 28.4 | 29.3 | 29.7 |
| | 8H | 26.7 | 27.7 | 27.1 | 28.0 | 28.4 | 28.0 | 29.0 | 28.4 | 29.3 | 29.6 |
| | 12H | 26.7 | 27.6 | 27.1 | 28.0 | 28.3 | 28.0 | 28.9 | 28.3 | 29.2 | 29.5 |
| 4H | 2H | 27.2 | 28.3 | 27.5 | 28.6 | 28.9 | 27.9 | 29.0 | 28.2 | 29.3 | 29.6 |
| | 3H | 27.4 | 28.3 | 27.8 | 28.7 | 29.0 | 28.5 | 29.4 | 28.9 | 29.7 | 30.1 |
| | 4H | 27.4 | 28.2 | 27.8 | 28.5 | 28.9 | 28.5 | 29.3 | 28.9 | 29.6 | 30.0 |
| | 6H | 27.3 | 28.0 | 27.7 | 28.4 | 28.8 | 28.4 | 29.1 | 28.8 | 29.5 | 29.9 |
| | 8H | 27.3 | 27.9 | 27.7 | 28.3 | 28.7 | 28.4 | 29.0 | 28.8 | 29.4 | 29.8 |
| | 12H | 27.2 | 27.8 | 27.7 | 28.2 | 28.6 | 28.3 | 28.9 | 28.8 | 29.3 | 29.7 |
| 8H | 4H | 27.3 | 27.9 | 27.7 | 28.3 | 28.7 | 28.4 | 29.0 | 28.8 | 29.4 | 29.8 |
| | 6H | 27.2 | 27.7 | 27.7 | 28.2 | 28.6 | 28.3 | 28.8 | 28.8 | 29.3 | 29.7 |
| | 8H | 27.2 | 27.6 | 27.7 | 28.1 | 28.6 | 28.3 | 28.7 | 28.8 | 29.2 | 29.6 |
| | 12H | 27.2 | 27.5 | 27.6 | 28.0 | 28.5 | 28.2 | 28.6 | 28.7 | 29.1 | 29.6 |
| 12H | 4H | 27.3 | 27.8 | 27.7 | 28.2 | 28.7 | 28.3 | 28.9 | 28.8 | 29.3 | 29.8 |
| | 6H | 27.2 | 27.6 | 27.7 | 28.1 | 28.6 | 28.3 | 28.7 | 28.7 | 29.2 | 29.6 |
| | 8H | 27.2 | 27.5 | 27.6 | 28.0 | 28.5 | 28.2 | 28.6 | 28.7 | 29.1 | 29.6 |
| Variation of the observer position for the luminaire distances S | | | | | | | | | | | |
| S = 1.0H | +0.2 / -0.3 | | | | | +0.1 / -0.2 | | | | | |
| S = 1.5H | +0.9 / -1.6 | | | | | +0.6 / -0.8 | | | | | |
| S = 2.0H | +2.0 / -5.6 | | | | | +1.8 / -3.5 | | | | | |
| Standard table | BK01 | | | | | BK01 | | | | | |
| Correction Summand | 9.8 | | | | | 10.8 | | | | | |
| Corrected Glare Indices referring to 23000lm Total Luminous Flux | | | | | | | | | | | |

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

